[API](#)
[Authentication](#)

To use the Fastly API you will need to create a valid API token. This token will be used to authenticate your API requests.

API tokens

API tokens are unique authentication identifiers that you can create for the users and applications authorized to interact with your account a the capabilities of tokens using a scope. For example, the `purge_select` scope will limit a token to only be able to purge by URL and surro `global` scope will grant the token access to all the service and account-level capabilities of the user that created the token. You can option access of a token to one or more services. However, for a token with the `global` or `global:read` scope, limiting service access does not I related endpoints. Because users can create multiple API tokens, you can rotate tokens without taking services offline, and you can revoke i having to update other API integrations.

Managing tokens with the web interface

You can use the Fastly web interface to create, view, and delete API tokens associated with your personal account. Superusers can view an tokens associated with the organization's Fastly account. See [Using API tokens](#) for more information.

Two-factor authentication

API tokens support [two-factor authentication](#). Send the generated one-time password via the Fastly-OTP header when creating a token, as

```
1   POST https://api.fastly.com/tokens
2   Fastly-OTP: 123456
3   username=youremail@example.com&password=PASSWORD
```

Availability

All endpoints that support the legacy [API keys](#) also support API tokens. In addition to checking if the user is authenticated, the API will chec authorized to perform the requested action. For example, billing endpoints will require an API token issued by a billing user (or superuser).

Access

You can limit a token's capabilities using scopes, and you can limit a token's authorizations by defining only those services you want it to ac service access does not prevent the token from accessing non-service related endpoints.

Scopes

Scopes can be used to limit a token's capabilities. The following scopes are currently supported:

- **global**: This is the default scope covering all supported capabilities. This scope grants the same access level as [legacy API keys](#).

- **purge_select**: Allows purging with surrogate key and URL. Disallows purging with purge all.

- **purge_all**: Allows purging an entire service via [purge_all](#).

- **global:read**: Allows read-only access to account information, configuration, and stats.

To create a token with a single scope, specify the scope name in the body of the POST request. To create a token with multiple scopes, sep space (e.g., `scope=purge_all purge_select global:read`).

Services

Tokens are granted access to all services in an account by default. However, you can optionally restrict the service-level access of a token t this by specifying an array in the POST `/tokens` action (e.g., `services[]=id1&services[]=id2`).

Note that limiting service access is designed to be used with the `purge-all` and `purge-select` scopes. A service-limited token with the `g scopes will still be able to access non-service related endpoints. All service-limited tokens are prevented from modifying service authorizatic account, and creating and modifying users.

Expiration

You can optionally set API tokens to expire at a specified date and time. After a token expires, using it for any request will return an HTTP `4 expiration date by using the `expires_at` parameter in the POST `/tokens` action. Format the date and time in [ISO 8601](#) format (e.g., `2016-`

Using API tokens

To authenticate API requests, a valid Fastly API token should be included in the `Fastly-Key` HTTP header.

Deleting a user with active tokens

To delete a user who has active API tokens associated with their account, you must first revoke the user's API tokens.

Limitations

API tokens currently have the following limitations:

- Tokens are always associated with the user who created them. This cannot be updated.

- When you generate a new token, you should store it in a safe place and keep it secret. For security reasons, you won't be able to retrie

- There is a limit of 100 tokens per user. Deleted and expired tokens don't count against the limit.

- Tokens carry the same permission model as the user. For example, if you are a billing user, then your token will only allow you to perfor billing role.

API reference

Tokens

Fields

field	type	description
id	*string*	The alphanumeric string identifying a token.
user_id	*string*	The alphanumeric string identifying a user.
services	*array*	List of alphanumeric strings identifying services (optional). If no services are specified, the token will have ac account.
access_token	*string*	The alphanumeric string for accessing the API (only available on token creation).
name	*string*	Name of the token.
scope	*string*	Space-delimited list of authorization scope (optional, defaults to "global").
created_at	*string*	Time-stamp (UTC) of when the token was created.
last_used_at	*string*	(read-only) Time-stamp (UTC) of when the token was last used.
expires_at	*string*	Time-stamp (UTC) of when the token will expire (optional).
ip	*string*	IP Address of the client that last used the token.
user_agent	*string*	User-Agent header of the client that last used the token.

Actions

GET /tokens

List all tokens belonging to the authenticated user.

Authentication

API token with at least `Billing` permissions.

Request Example

```
GET /tokens HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
[
  {
    "id": "5Yo3XXnrQpjc20u0ybrf2g",
    "user_id": "4y5K5trZocEAQYkesWlk7M",
    "services": [],
    "name": "my_token",
    "scope": "global",
    "created_at": "2016-06-22T03:19:48+00:00",
    "last_used_at": "2016-06-22T03:19:48+00:00",
    "expires_at": "2016-07-28T19:24:50+00:00",
    "ip": "127.17.202.173",
    "user_agent": "Mozilla/5.0 (Macintosh; Intel Mac OS X 10_12_3) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/56.0.2924.87
  }
]
```

GET /customer/ **id** /tokens

List all tokens belonging to a specific customer
Authentication

API token with at least `Billing` permissions.
Request Example

```
GET /customer/:id/tokens HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
[
  {
    "id": "5Yo3XXnrQpjc20u0ybrf2g",
    "user_id": "4y5K5trZocEAQYkesWlk7M",
    "services": [],
    "name": "my_token",
    "scope": "global",
    "created_at": "2016-06-22T03:19:48+00:00",
    "last_used_at": "2016-06-22T03:19:48+00:00",
    "expires_at": "2016-07-28T19:24:50+00:00",
    "ip": "127.17.202.173",
    "user_agent": "Mozilla/5.0 (Macintosh; Intel Mac OS X 10_12_3) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/56.0.2924.87
  }
]
```

GET /tokens/self

Get a single token based on the access_token used in the request.
Authentication

API token.
Request Example

```
GET /tokens/self HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "id": "5Yo3XXnrQpjc20u0ybrf2g",
  "user_id": "4y5K5trZocEAQYkesWlk7M",
  "services": [],
  "name": "my_token",
  "scope": "global",
  "created_at": "2016-06-22T03:19:48+00:00",
  "last_used_at": "2016-06-22T03:19:48+00:00",
  "expires_at": "2016-07-28T19:24:50+00:00",
  "ip": "127.17.202.173",
  "user_agent": "Mozilla/5.0 (Macintosh; Intel Mac OS X 10_12_3) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/56.0.2924.87 Sa
}
```

POST /tokens

Create an API token. If two-factor authentication is enabled for your account, review the instructions for including a one-time password in th
Authentication

Username and password.
Request Example

```
POST /tokens HTTP/1.1
Content-Type: application/x-www-form-urlencoded
Accept: application/json

"username=me@example.com&password=secret&services[]=5VqE6MOOy1QFJbgmCK41pY&services[]=6VqE6MOOy1QFJbgmCK41pZ&expires_at=2016-(
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "id": "5Yo3XXnrQpjc20u0ybrf2g",
  "access_token": "YOUR_FASTLY_TOKEN",
  "user_id": "4y5K5trZocEAQYkesWlk7M",
  "services": ["5VqE6MOOy1QFJbgmCK41pY", "6VqE6MOOy1QFJbgmCK41pZ"],
  "name": "my_token",
  "scope": "global",
  "created_at": "2016-06-22T03:19:48+00:00",
  "last_used_at": "2016-06-22T03:19:48+00:00",
  "expires_at": "2016-07-28T19:24:50+00:00",
  "ip": "127.17.202.173",
  "user_agent": "Mozilla/5.0 (Macintosh; Intel Mac OS X 10_12_3) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/56.0.2924.87 Sa
}
```

DELETE /tokens/self

Revoke a token that is used to authenticate the request.
Authentication

API token.
Request Example

```
DELETE /tokens/self HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 204 No Content
Content-Type: application/json
```

DELETE /tokens/ **id**

Revoke a specific token by its id.
Authentication

API token with at least `Billing` permissions.
Request Example

```
DELETE /tokens/5Yo3XXnrQpjc20u0ybrf2g HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 204 No Content
Content-Type: application/json
```

DELETE /tokens

Revoke Tokens in bulk format. Users may only revoke their own tokens. Superusers may revoke tokens of others.
Authentication

API token.
Request Example

```
DELETE /tokens HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json; ext=bulk
Content-Type: application/vnd.api+json; ext=bulk
```

```
{
  "data" => [
    {
      "id" => "3krg2uUGZzb2W9Euo4moOY",
      "type" => "token",
    },
    {
      "id" => "71ZA6hv2FO6tGEQIE203Xj",
      "type" => "token",
    }
  ]
}
```

▼ Response Example

```
HTTP/1.1 204 No Content
Content-Type: application/vnd.api+json; ext=bulk
```

Troubleshooting

If the Fastly API returns an error message while you're working with API tokens, use the following information to troubleshoot the issue.

POST /tokens

A response with a JSON body containing an error code is returned on error.

HTTP response code	Code	Description
400	`invalid_grant`	The supplied username/password combination is not correct.
400	`invalid_request`	The username/password combination is not supplied. If you're using cURL on the command l are correct.
400	`invalid_scope`	The supplied scope is not valid.
400	`account_locked`	Your account is locked.
400	`2fa.verify`	Your 2FA token is not supplied or is expired.
422	`Unprocessable Entity`	The format of the date and time supplied to the `expires_at` parameter is invalid.

GET /tokens

- An HTTP 401 response is returned on expired token.
- An HTTP 403 response is returned on invalid access token.

GET /tokens/self

- An HTTP 401 response is returned on expired token.
- An HTTP 403 response is returned on invalid access token.

DELETE /tokens/:token_id

- An HTTP 400 response is returned on revocation error.
- An HTTP 401 response is returned on expired token.
- An HTTP 403 response is returned on invalid access token.
- An HTTP 404 response is returned on failed token lookup.

DELETE /tokens/self

- An HTTP 400 response is returned on revocation error.
- An HTTP 401 response is returned on expired token.
- An HTTP 403 response is returned on invalid access token.

Legacy API keys

If you created a Fastly account before May 15th, 2017, you may have used an API key (or multiple API keys) to authenticate API requests. Th
was migrated to a personal API token with a `global` scope and access to all of your services. Because all tokens need to be owned by a us
assigned to a newly created, synthetic user with the name `Global API Token`.

Account

Billing

Get information on current and past bills.

Fields

field	type	description
end_time	*string*	The end date of this invoice.
invoice_id	*string*	The alphanumeric string identifying the specified invoice.
start_time	*string*	The start date of this invoice.
status.sent_at	*string*	(Deprecated) When the invoice was sent out (Outstanding or Paid).
status.status	*string*	What the current status of this invoice can be. One of Pending (being generated), Outstandin Month to date (the current month).
total.bandwidth	*integer*	The total amount of bandwidth used this month (See bandwidth_units for measurement).
total.bandwidth_cost	*integer*	The cost of the bandwidth used this month in USD.
total.bandwidth_units	*string*	Bandwidth measurement units based on billing plan. Ex: GB
total.cost	*integer*	The final amount to be paid.
total.cost_before_discount	*integer*	Total incurred cost plus extras cost.
total.discount	*integer*	Calculated discount rate.
total.extras	*string*	A list of any extras for this invoice.
total.extras_cost	*integer*	Total cost of all extras.
total.extras.name	*string*	The name of this extra cost.
total.extras.recurring	*integer*	Recurring monthly cost in USD (not present if $0.0).
total.extras.setup	*integer*	Initial set up cost in USD (not present if $0.0 or this is not the month the extra was added).
total.incurred_cost	*integer*	The total cost of bandwidth and requests used this month.
total.overage	*integer*	How much over the plan minimum has been incurred.
total.plan_code	*string*	The short code the plan this invoice was generated under.
total.plan_minimum	*integer*	The minimum cost of this plan.
total.plan_name	*string*	The name of the plan this invoice was generated under.
total.requests	*integer*	The total number of requests used this month.
total.requests_cost	*integer*	The cost of the requests used this month.
total.terms	*string*	Payment terms. Almost always Net15.

Actions

GET /billing/v2/year/ **year** /month/ **month**

Get the invoice for a given year and month. Can be any month from when the Customer was created to the current month.

Authentication

[API token](#) of a user with at least `Billing` [permissions](#).

Parameters

parameter	type	description
month	*integer*	2-digit month.
year	*integer*	4-digit year.

Request Example

```
GET /billing/v2/year/2012/month/01 HTTP/1.1
```

▼ **Response Example**

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
    "customer_id": "2sLme2UJR3SksnvKdEXHri",
    "end_time": "2016-05-31T23:59:59Z",
    "invoice_id": 4183280,
    "line_items": [
        {
            "amount": 0.0,
            "aria_invoice_id": "7SlAESxcJ2zxHOV4gQ9y9X",
            "client_service_id": "Master_Plan",
            "created_at": "2017-04-03T20:27:05Z",
            "credit_coupon_code": null,
            "deleted_at": null,
            "description": "Master Plan",
            "id": "1DcJwU7Jl1cAHtI51qToYL",
            "line_number": 1,
            "plan_name": "Master Plan - Fastly US - M2M",
            "plan_no": 18842,
            "rate_per_unit": 0.0,
            "rate_schedule_no": 339216,
            "rate_schedule_tier_no": 1,
            "service_name": "Master Plan",
            "service_no": 11003478,
            "units": 1.0,
            "updated_at": "2017-04-03T20:27:05Z",
            "usage_type_cd": null,
            "usage_type_no": null
        },
        {
            "amount": 50.0,
            "aria_invoice_id": "7SlAESxcJ2zxHOV4gQ9y9X",
            "client_service_id": "Committed Amount",
            "created_at": "2017-04-03T20:27:05Z",
            "credit_coupon_code": null,
            "deleted_at": null,
            "description": "Monthly Minimum Fee",
            "id": "7b8PVTj2KDANeJQYs44FFv",
            "line_number": 2,
            "plan_name": "CDN",
            "plan_no": 18844,
            "rate_per_unit": 50.0,
            "rate_schedule_no": null,
            "rate_schedule_tier_no": null,
            "service_name": "Commit Shortfall",
            "service_no": 11003593,
            "units": 1.0,
            "updated_at": "2017-04-03T20:27:05Z",
            "usage_type_cd": null,
            "usage_type_no": null
        },
        {
            "amount": 100.0,
            "aria_invoice_id": "7SlAESxcJ2zxHOV4gQ9y9X",
            "client_service_id": "Shared_TLS_Certificate",
            "created_at": "2017-04-03T20:27:05Z",
            "credit_coupon_code": null,
            "deleted_at": null,
            "description": "Shared TLS Certificate",
            "id": "6ExVVQWoHgpHVl9RYl8FJn",
            "line_number": 3,
            "plan_name": "Shared TLS Certificate",
            "plan_no": 18920,
            "rate_per_unit": 100.0,
            "rate_schedule_no": 345595,
            "rate_schedule_tier_no": 1,
            "service_name": "Shared TLS Certificate",
            "service_no": 11003459,
            "units": 1.0,
            "updated_at": "2017-04-03T20:27:05Z",
            "usage_type_cd": null,
            "usage_type_no": null
        },
        {
            "amount": -50.0,
            "aria_invoice_id": "7SlAESxcJ2zxHOV4gQ9y9X",
            "client_service_id": "Committed Amount",
            "created_at": "2017-04-03T20:27:05Z",
            "credit_coupon_code": "developer",
            "deleted_at": null,
            "description": "100% off coupon",
            "id": "6b9TYZegr2eKIPxdGIUBdX",
            "line_number": 4,
            "plan_name": "CDN",
            "plan_no": 18844,
```

```
          "rate_per_unit": -50.0,
          "rate_schedule_no": null,
          "rate_schedule_tier_no": null,
          "service_name": "Commit Shortfall",
          "service_no": 11003593,
          "units": 1.0,
          "updated_at": "2017-04-03T20:27:05Z",
          "usage_type_cd": null,
          "usage_type_no": null
        }
      ],
      "regions": {
        "usa": {
          "cost": 14.050722881322,
          "bandwidth": {
            "tiers": [
              {
                "units": 9.23366359435022,
                "total": 1.10803963132203,
                "price": 0.12,
                "name": "first 10TB"
              }
            ],
            "total": 1.10803963132203
          },
          "requests": {
            "tiers": [
              {
                "units": 0,
                "total": 0,
                "name": "per 10,000 HTTPS requests",
                "price": 0.01
              },
              {
                "total": 12.94268325,
                "units": 1725.6911,
                "name": "per 10,000 HTTP requests",
                "price": 0.0075
              }
            ],
            "total": 12.94268325
          }
        }
      },
      "start_time": "2016-05-01T00:00:00Z",
      "status": {
        "status": "Outstanding"
      },
      "total": {
        "bandwidth": 0.00027189962565898895,
        "bandwidth_cost": 0.000032627955079078674,
        "bandwidth_units": "GB",
        "cost": 0,
        "cost_before_discount": 0.00008302795507907867,
        "discount": 100,
        "extras": [
          {
            "name": "Shared TLS Certificate",
            "recurring": 100,
            "setup": 0
          }
        ],
        "extras_cost": 0,
        "incurred_cost": 0.00008302795507907867,
        "plan_code": "developer",
        "plan_minimum": 0,
        "plan_name": "developer",
        "requests": 66,
        "requests_cost": 0.00005039999999999999,
        "terms": "Net15"
      }
    }
```

GET /billing/v2/account_customers/ **customer_id** /mtd_invoice

Get the current month-to-date estimate.

This endpoint has two different responses. Under normal circumstances, it generally takes less then 5 seconds to generate but in certain ca

seconds. Once generated the month-to-date estimate is cached for 4 hours, and is available the next request will return the JSON represent estimate.

While a report is being generated in the background, this endpoint will return a `202 Accepted` response. The full format of which can be fou calculation guide.

There are certain accounts for which we are unable to generate a month-to-date estimate. For example, accounts who have parent-pay are estimate. The parent accounts are able to generate a month-to-date estimate but that estimate will not include the child accounts amounts

Authentication

API token of a user with at least `Billing` permissions.

Parameters

parameter	type	description
month	*integer*	2-digit month.
year	*integer*	4-digit year.

Request Example

```
GET /billing/v2/account_customers/:customer_id/mtd_invoice HTTP/1.1
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "customer_id": "2i0wWA8Zvo6uUpmATZYuQi",
  "end_time": "2018-02-21T21:32:51+00:00",
  "start_time": "2018-02-01T00:00:00+00:00",
  "invoice_id": "MTD_4EkCABievWZowCL4E8JlTv",
  "regions": {
    "usa": {
      "cost": 10.04,
      "bandwidth": {
        "total": 7.45,
        "tiers": [
          {
            "name": "North America Bandwidth (62.055127895 gigabytes @ $.12)",
            "units": 62.055127895,
            "price": 0.12,
            "discounted_price": 0.12,
            "total": 7.45
          }
        ]
      },
      "requests": {
        "total": 2.59,
        "tiers": [
          {
            "name": "North America Requests (344.7019 units @ $.0075)",
            "units": 344.7019,
            "price": 0.0075,
            "discounted_price": 0.0075,
            "total": 2.59
          }
        ]
      }
    },
    "south_africa": {
      "cost": 0.9,
      "bandwidth": {
        "total": 0.78,
        "tiers": [
          {
            "name": "South Africa Bandwidth (2.787144368 gigabytes @ $.28)",
            "units": 2.787144368,
            "price": 0.28,
            "discounted_price": 0.28,
            "total": 0.78
          }
        ]
      },
      "requests": {
        "total": 0.12,
        "tiers": [
          {
            "name": "South Africa Requests (7.8014 units @ $.016)",
            "units": 7.8014,
            "price": 0.016,
            "discounted_price": 0.016,
            "total": 0.12
          }
        ]
      }
    }
  },
  "status": {
    "status": "MTD"
  },
  "total": {
    "cost": 54.019999999999996,
    "balance_forward": 0,
    "cached_at": "2018-02-21 20:26:18 UTC",
    "requests": 1763.3852000000004,
    "requests_cost": 15.609999999999998,
    "bandwidth": 266.252585978,
    "bandwidth_cost": 38.41,
    "percentile": 0,
    "percentile_cost": 0,
    "commit_shortfall": 0,
    "discount": 0,
    "discount_amount": 0,
    "incurred_cost": 54.019999999999996,
    "overage": 0,
    "cost_before_discount": 54.019999999999996,
    "extras": [],
    "extras_cost": 0,
    "bandwidth_units": null
```

```
    },
    "lines": [
      {
        "line": {
          "plan_no": 286,
          "description": "North America Bandwidth (62.055127895 gigabytes @ $.12)",
          "units": 62.055127895,
          "per_unit_cost": 0.120000,
          "service_no": 11000335,
          "service_type": "Bandwidth",
          "amount": 7.45,
          "client_service_id": "North_America_Bandwidth",
          "client_plan_id": "CDN"
        }
      },
      {
        "line": {
          "plan_no": 286,
          "description": "Europe Bandwidth (125.465421816 gigabytes @ $.12)",
          "units": 125.465421816,
          "per_unit_cost": 0.120000,
          "service_no": 11000336,
          "service_type": "Bandwidth",
          "amount": 15.06,
          "client_service_id": "Europe_Bandwidth",
          "client_plan_id": "CDN"
        }
      },
      {
        "line": {
          "plan_no": 286,
          "description": "Australia Bandwidth (3.305279657 gigabytes @ $.19)",
          "units": 3.305279657,
          "per_unit_cost": 0.190000,
          "service_no": 11000337,
          "service_type": "Bandwidth",
          "amount": 0.63,
          "client_service_id": "Australia_Bandwidth",
          "client_plan_id": "CDN"
        }
      },
      {
        "line": {
          "plan_no": 286,
          "description": "Asia Bandwidth (65.085918133 gigabytes @ $.19)",
          "units": 65.085918133,
          "per_unit_cost": 0.190000,
          "service_no": 11000338,
          "service_type": "Bandwidth",
          "amount": 12.37,
          "client_service_id": "Asia_Bandwidth",
          "client_plan_id": "CDN"
        }
      },
      {
        "line": {
          "plan_no": 286,
          "description": "Latin America Bandwidth (7.553694109 gigabytes @ $.28)",
          "units": 7.553694109,
          "per_unit_cost": 0.280000,
          "service_no": 11000339,
          "service_type": "Bandwidth",
          "amount": 2.12,
          "client_service_id": "Latin_America_Bandwidth",
          "client_plan_id": "CDN"
        }
      },
      {
        "line": {
          "plan_no": 286,
          "description": "North America Requests (344.7019 units @ $.0075)",
          "units": 344.7019,
          "per_unit_cost": 0.007500,
          "service_no": 11000347,
          "service_type": "Requests",
          "amount": 2.59,
          "client_service_id": "North_America_Requests",
          "client_plan_id": "CDN"
        }
      },
      {
        "line": {
          "plan_no": 286,
          "description": "Europe Requests (900.2602 units @ $.009)",
```

```
          "units": 900.2602,
          "per_unit_cost": 0.009000,
          "service_no": 11000348,
          "service_type": "Requests",
          "amount": 8.10,
          "client_service_id": "Europe_Requests",
          "client_plan_id": "CDN"
        }
      },
      {
        "line": {
          "plan_no": 286,
          "description": "Australia Requests (22.902 units @ $.009)",
          "units": 22.902,
          "per_unit_cost": 0.009000,
          "service_no": 11000349,
          "service_type": "Requests",
          "amount": 0.21,
          "client_service_id": "Australia_Requests",
          "client_plan_id": "CDN"
        }
      },
      {
        "line": {
          "plan_no": 286,
          "description": "Asia Requests (459.5082 units @ $.009)",
          "units": 459.5082,
          "per_unit_cost": 0.009000,
          "service_no": 11000350,
          "service_type": "Requests",
          "amount": 4.14,
          "client_service_id": "Asia_Requests",
          "client_plan_id": "CDN"
        }
      },
      {
        "line": {
          "plan_no": 286,
          "description": "Latin America Requests (28.2115 units @ $.016)",
          "units": 28.2115,
          "per_unit_cost": 0.016000,
          "service_no": 11000352,
          "service_type": "Requests",
          "amount": 0.45,
          "client_service_id": "Latin_America_Requests",
          "client_plan_id": "CDN"
        }
      },
      {
        "line": {
          "plan_no": 286,
          "description": "South Africa Bandwidth (2.787144368 gigabytes @ $.28)",
          "units": 2.787144368,
          "per_unit_cost": 0.280000,
          "service_no": 11000438,
          "service_type": "Bandwidth",
          "amount": 0.78,
          "client_service_id": "South_Africa_Bandwidth",
          "client_plan_id": "CDN"
        }
      },
      {
        "line": {
          "plan_no": 286,
          "description": "South Africa Requests (7.8014 units @ $.016)",
          "units": 7.8014,
          "per_unit_cost": 0.016000,
          "service_no": 11000440,
          "service_type": "Requests",
          "amount": 0.12,
          "client_service_id": "South_Africa_Requests",
          "client_plan_id": "CDN"
        }
      }
    ]
}
```

Billing Address

A billing address is used to calculate your bill correctly.

Fields

field	type	description
address_1	*string*	The first address line
address_2	*string*	The second address line
city	*string*	The city name
state	*string*	The state name
locality	*string*	Other locality
country	*string*	ISO 3166-1 two-letter country code
postal_code	*string*	Postal code (ZIP code for US addresses)

Actions

GET /customer/ **customer_id** /billing_address

Get a customer's billing address
Authentication

API token with at least `Billing` permissions.

Parameters

parameter	type	description
customer_id	*string*	The Customer ID.

Request Example

```
GET /customer/CUSTOMER_ID/billing_address HTTP/1.1
Content-Type: application/vnd.api+json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
  "data": {
    "id": "3DTWpamEUGISvrUiDWkesQ",
    "type": "billing_address",
    "attributes": {
      "address_1": "80719 Dorothea Mountain",
      "address_2": "Apt. 652",
      "city": "New Rasheedville",
      "country": "US",
      "created_at": "2016-06-09T18:14:30+00:00",
      "locality": "",
      "postal_code": "53538-5902",
      "state": "DE",
      "updated_at": "2016-06-09T18:14:30+00:00"
    },
    "relationships": {
      "customer": {
        "data": {
          "type": "customer",
          "id": "x4xCwxxJxGCx123Rx5xTx"
        }
      }
    }
  }
}
```

POST /customer/ **customer_id** /billing_address

Add a billing address for a customer
Authentication

API token with at least `Billing` permissions.

Parameters

parameter	type	description
customer_id	*string*	The Customer ID.

Request Example

```
POST /customer/CUSTOMER_ID/billing_address HTTP/1.1
Content-Type: application/vnd.api+json
```

```json
{
  "data": {
    "type": "billing_address",
    "address": {
      "address_1": "80719 Dorothea Mountain",
      "address_2": "Apt. 652",
      "city": "New Rasheedville",
      "state": "DE",
      "country": "US",
      "postal_code": "53538-5902"
    }
  }
}
```

▼ **Response Example**

```
HTTP/1.1 201 Created
Content-Type: application/vnd.api+json
```

```json
{
  "data": {
    "type": "billing_address",
    "id": "BILLING_ADDRESS_ID",
    "address": {
      "address_1": "80719 Dorothea Mountain",
      "address_2": "Apt. 652",
      "city": "New Rasheedville",
      "state": "DE",
      "country": "US",
      "postal_code": "53538-5902"
    },
    "relationships": {
      "customer": {
        "data": {
          "type": "customer",
          "id": "x4xCwxxJxGCx123Rx5xTx"
        }
      }
    }
  }
}
```

PATCH /customer/ **customer_id** /billing_address

Update a customer's billing address. You may update only part of the customer's billing address.
Authentication

API token with at least `Billing` permissions.
Parameters

parameter	type	description
customer_id	*string*	The Customer ID.

Request Example

```
PATCH /customer/CUSTOMER_ID/billing_address HTTP/1.1
Content-Type: application/vnd.api+json
```

```json
{
  "data": {
    "type": "billing_address",
    "id": "BILLING_ADDRESS_ID",
    "address": {
      "state": "MN"
    }
  }
}
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json
```

```
{
  "data": {
    "type": "billing_address",
    "id": "BILLING_ADDRESS_ID",
    "address": {
      "address_1": "80719 Dorothea Mountain",
      "address_2": "Apt. 652",
      "city": "New Rasheedville",
      "state": "MN",
      "country": "US",
      "postal_code": "53538-5902"
    },
    "relationships": {
      "customer": {
        "data": {
          "type": "customer",
          "id": "x4xCwxxJxGCx123Rx5xTx"
        }
      }
    }
  }
}
```

DELETE /customer/ **customer_id** /billing_address

Delete a customer's billing address
Authentication

[API token](#) with at least `Billing` [permissions](#).
Parameters

parameter	type	description
customer_id	*string*	The Customer ID.

Request Example

```
DELETE /customer/CUSTOMER_ID/billing_address HTTP/1.1
Content-Type: application/vnd.api+json
```

▼ Response Example

```
HTTP/1.1 204 No Content
Content-Type: application/vnd.api+json
```

Customer

A Customer is the base object that owns your Users and Services

Fields

field	type	description
billing_contact_id	*string*	The alphanumeric string representing the primary billing contact.
billing_network_type	*string*	Customer's current network revenue type. Can be Public or Private.
billing_ref	*string*	Used for adding purchased orders to customer's account.
can_configure_wordpress	*boolean*	Whether this customer can view or edit wordpress. Read Only.
can_reset_passwords	*boolean*	Whether this customer can reset passwords. Read Only.
can_upload_vcl	*boolean*	Whether this customer can upload VCL. Read Only.
created_at	*string*	Time-stamp (GMT) when the customer was created.

field	type	description
deleted_at	*string*	Time-stamp (GMT) when the customer was deleted.
force_2fa	*boolean*	Specifies whether 2fa is forced or not forced on the customer account.
has_account_panel	*boolean*	Specifies whether the account has access or does not have access to the account panel.
has_improved_events	*boolean*	Specifies whether the account has access or does not have access to the improved events.
has_improved_ssl_config	*boolean*	Whether this customer can view or edit the ssl config. Read Only.
has_openstack_logging	*boolean*	Specifies whether the account has enabled or not enabled openstack logging.
has_pci	*boolean*	Specifies whether the account can edit PCI for a service.
has_pci_passwords	*boolean*	Specifies whether PCI passwords are required for the account. Read only.
id	*string*	The alphanumeric string identifying the customer.
ip_whitelist	*string*	The range of IP addresses authorized to access the customer account.
legal_contact_id	*string*	The alphanumeric string identifying the account's legal contact.
name	*string*	The name of the customer, generally the company name.
owner_id	*string*	The alphanumeric string identifying the account owner.
phone_number	*string*	The phone number associated with the account.
postal_address	*string*	The postal address associated with the account.
pricing_plan	*string*	The pricing plan this customer is under.
pricing_plan_id	*string*	The alphanumeric string identifying the pricing plan.
readonly	*boolean*	
requires_support_email	*boolean*	
security_contact_id	*string*	The alphanumeric string identifying the account's security contact.
technical_contact_id	*string*	The alphanumeric string identifying the account's technical contact.
updated_at	*string*	Time-stamp (GMT) when the customer was updated.

Actions

GET /customer/ **id** /users

List all users from a specified customer id
Authentication

[API token](#) with at least `Billing` [permissions](#).
Request Example

```
GET /customer/4mp6jxt8Z5b4be5jIhXz0O/users HTTP/1.1
Content-Type: application/x-www-form-urlencoded
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
[
  {
    "created_at": "2016-05-02T17:15:54+00:00",
    "customer_id": "x4xCwxxJxGCx123Rx5xTx",
    "deleted_at": null,
    "email_hash": "hTE5dRlSBICGPJxJwCH4M",
    "id": "x9KzsrACXZv8tPwlEDsKb6",
    "locked": false,
    "login": "johnowner@example.com",
    "name": "John Owner",
    "require_new_password": false,
    "role": "user",
    "two_factor_auth_enabled": true,
    "two_factor_setup_required": false,
    "updated_at": "2016-05-21T18:45:00+00:00"
  }
]
```

GET /current_customer

Get the logged in customer
Authentication

[API token](#) with at least `Billing` [permissions](#).
Request Example

```
GET /current_customer HTTP/1.1
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "billing_contact_id": null,
  "billing_network_type": "public",
  "billing_ref": null,
  "can_configure_wordpress": null,
  "can_reset_passwords": true,
  "can_upload_vcl": true,
  "created_at": "2011-09-19T19:59:16+00:00",
  "deleted_at": null,
  "force_2fa": true,
  "has_account_panel": true,
  "has_improved_events": false,
  "has_improved_ssl_config": true,
  "has_openstack_logging": true,
  "has_pci": false,
  "has_pci_passwords": true,
  "id": "hTE5dRlSBICGPJxJwCH4M",
  "ip_whitelist": "0.0.0.0/0",
  "legal_contact_id": "x9KzsrACXZv8tPwlEDsKb6",
  "name": "Test Account",
  "owner_id": "x9KzsrACXZv8tPwlEDsKb6",
  "phone_number": "5555555559",
  "postal_address": "",
  "pricing_plan": "customer",
  "pricing_plan_id": "5PMLv2VdXE8xNbMCm9xayC",
  "readonly": false,
  "requires_support_email": false,
  "security_contact_id": "x9KzsrACXZv8tPwlEDsKb6",
  "technical_contact_id": "x9KzsrACXZv8tPwlEDsKb6",
  "updated_at": "2016-04-07T17:21:06+00:00"
}
```

GET /customer/ **id**

Get a specific customer
Authentication

[API token](#) with at least `Billing` [permissions](#).
Request Example

```
GET /customer/hTE5dRlSBICGPJxJwCH4M HTTP/1.1
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "billing_contact_id": null,
  "billing_network_type": "public",
  "billing_ref": null,
  "can_configure_wordpress": false,
  "can_reset_passwords": true,
  "can_upload_vcl": false,
  "created_at": "2016-06-14T14:43:01+00:00",
  "deleted_at": null,
  "force_2fa": false,
  "has_account_panel": true,
  "has_improved_events": false,
  "has_improved_ssl_config": false,
  "has_openstack_logging": false,
  "has_pci": false,
  "has_pci_passwords": false,
  "id": "hTE5dRlSBICGPJxJwCH4M",
  "ip_whitelist": "0.0.0.0/0",
  "legal_contact_id": "x9KzsrACXZv8tPwlEDsKb6",
  "name": "Test Account",
  "owner_id": "x9KzsrACXZv8tPwlEDsKb6",
  "phone_number": "5555555559",
  "postal_address": null,
  "pricing_plan": "developer",
  "pricing_plan_id": "6HW4welznAHVnMCJhY9QdX",
  "readonly": false,
  "requires_support_email": false,
  "security_contact_id": "x9KzsrACXZv8tPwlEDsKb6",
  "technical_contact_id": "x9KzsrACXZv8tPwlEDsKb6",
  "updated_at": "2016-06-14T14:43:01+00:00"
}
```

PUT /customer/ id

Update a customer
Authentication

[API token](#) with at least `Billing` [permissions](#).
Request Example

```
PUT /customer/4mp6jxt8Z5b4be5jIhXz0O HTTP/1.1
Content-Type: application/x-www-form-urlencoded
```

```
name=updated-test-account
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "billing_contact_id": null,
  "billing_network_type": "public",
  "billing_ref": null,
  "can_configure_wordpress": false,
  "can_reset_passwords": true,
  "can_upload_vcl": false,
  "created_at": "2016-06-14T14:43:01+00:00",
  "deleted_at": null,
  "force_2fa": false,
  "has_account_panel": true,
  "has_improved_events": false,
  "has_improved_ssl_config": false,
  "has_openstack_logging": false,
  "has_pci": false,
  "has_pci_passwords": false,
  "id": "hTE5dRlSBICGPJxJwCH4M",
  "ip_whitelist": "0.0.0.0/0",
  "legal_contact_id": "x9KzsrACXZv8tPwlEDsKb6",
  "name": "updated-test-account",
  "owner_id": "x9KzsrACXZv8tPwlEDsKb6",
  "phone_number": "5555555559",
  "postal_address": null,
  "pricing_plan": "developer",
  "pricing_plan_id": "6HW4welznAHVnMCJhY9QdX",
  "readonly": false,
  "requires_support_email": false,
  "security_contact_id": "x9KzsrACXZv8tPwlEDsKb6",
  "technical_contact_id": "x9KzsrACXZv8tPwlEDsKb6",
  "updated_at": "2016-06-14T14:43:01+00:00"
}
```

DELETE /customer/ **id**

Delete a customer
Authentication

[API token](#) with at least `Billing` [permissions](#).

Request Example

```
DELETE /customer/4mp6jxt8Z5b4be5jIhXz0O HTTP/1.1
```

▼ **Response Example**

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "status": "ok"
}
```

Event Logs

[Event logs](#) are used to audit actions performed by customers. Events can be filtered by user_id, service_id, customer_id, and event_type.

Fields

field	type	description
admin	*boolean*	Indicates if event was performed by Fastly.
created_at	*string*	Time-stamp (GMT) when the record was created.
customer_id	*string*	ID of the customer who performed the event.
description	*string*	Description of the event.
event_type	*string*	Type of event. Can be used with `filter[event_type]`. One of:
api_key.create	-	

field	type	description
acl.create	-	
acl.delete	-	
acl.update	-	
address.create	-	
address.delete	-	
address.update	-	
backend.create	-	
backend.delete	-	
backend.update	-	
billing.contact_update	-	
cache_settings.create	-	
cache_settings.delete	-	
cache_settings.update	-	
customer.create	-	
customer.pricing	-	
customer.update	-	
customer_feature.create	-	
customer_feature.delete	-	
director.create	-	
director.delete	-	
director.update	-	
director_backend.create	-	
director_backend.delete	-	
domain.create	-	
domain.delete	-	
domain.update	-	
feature.create	-	
feature.delete	-	
feature.update	-	
gzip.create	-	
gzip.delete	-	
gzip.update	-	
header.create	-	
header.delete	-	
header.update	-	

field	type	description
healthcheck.create	-	
healthcheck.delete	-	
healthcheck.update	-	
invitation.accept	-	
invitation.sent	-	
invoice.failed_payment	-	
invoice.payment	-	
io_settings.create	-	
io_settings.delete	-	
io_settings.update	-	
logging.create	-	
logging.delete	-	
logging.update	-	
pool.create	-	
pool.delete	-	
pool.update	-	
request_settings.create	-	
request_settings.delete	-	
request_settings.update	-	
response_object.create	-	
response_object.delete	-	
response_object.update	-	
rule_status.update	-	
rule_status.upsert	-	
server.create	-	
server.delete	-	
server.update	-	
service.create	-	
service.delete	-	
service.move	-	
service.move_destination	-	
service.move_source	-	
service.purge_all	-	
service.update	-	
service_authorization.create	-	

field	type	description
service_authorization.delete	-	
service_authorization.update	-	
token.create	-	
token.destroy	-	
two_factor_auth.disable	-	
two_factor_auth.enable	-	
user.create	-	
user.destroy	-	
user.lock	-	
user.login	-	
user.login_failure	-	
user.logout	-	
user.password_update	-	
user.unlock	-	
user.update	-	
vcl.create	-	
vcl.delete	-	
vcl.update	-	
version.activate	-	
version.clone	-	
version.copy	-	
version.copy_destination	-	
version.copy_source	-	
version.create	-	
version.deactivate	-	
version.lock	-	
version.update	-	
waf.configuration_set_update	-	
waf.create	-	
waf.delete	-	
waf.update	-	
waf.enable	-	
waf.disable	-	
waf.owasp.create	-	
waf.owasp.update	-	

field	type	description
waf.ruleset.deploy	-	
waf.ruleset.deploy_failure	-	
wordpress.create	-	
wordpress.delete	-	
wordpress.update	-	
ip	*string*	IP address(es) that the event was requested from.
metadata	*string*	Hash of key value pairs of additional information.
service_id	*string*	ID of the service that the event was performed on.
user_id	*string*	ID of the user that performed the event.

Actions

GET /events

List all events for a particular customer

Authentication

[API token](#) with at least `Billing` [permissions](#).

Parameters

parameter	type	description
filter[created_at]	*string*	Limit the returned events to a specific timestamp. Accepts parameters: `gt`, `gte`, `lt`, `lte` (e.g., `filt` `[gt]=2019-01-01`). Parameters can be combined. If `filter[created_at]` is not present on the reques year are returned.
filter[customer_id]	*string*	Limit the returned events to a specific customer.
filter[service_id]	*string*	Limit the returned events to a specific service.
filter[event_type]	*string*	Limit the returned events to a specific event type. See above for event codes.
filter[user_id]	*string*	Limit the returned events to a specific user.
page[number]	*integer*	Pagination page number.
page[size]	*integer*	Number of items to return on each paginated page.

Request Example

```
GET /events?filter[customer_id]=x4xCwxxJxGCx123Rx5xTx&page[number]=1&page[size]=1 HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json
```

```json
{
  "data": [
    {
      "attributes": {
        "admin": false,
        "created_at": "2016-06-06T20:05:10Z",
        "customer_id": "x4xCwxxJxGCx123Rx5xTx",
        "description": "Version 2 was activated",
        "event_type": "version.activate",
        "ip": "127.0.0.0",
        "metadata": {
          "version_number": 2
        },
        "service_id": "SU1Z0isxPaozGVKXdv0eY",
        "user_id": "4Pp0BW3UkBEJhG3N0kovLP"
      },
      "id": "5IH1QmNSV1Qi7jXc4oIZlZ",
      "type": "event"
    }
  ],
  "links": {
    "last": "http://api.fastly.com/events?filter[customer_id]=x4xCwxxJxGCx123Rx5xTx&page[number]=1&page[size]=1"
  }
}
```

GET /events/ **event_id**

Get a specific event

Authentication

[API token](#) with at least `Billing` [permissions](#).

Parameters

parameter	type	description
event_id	*string*	The event ID.

Request Example

```
GET /events/1PTzLK8g1NRKMGu5kUb8SC HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json
```

```json
{
  "data": {
    "attributes": {
      "admin": false,
      "created_at": "2016-06-01T21:29:38Z",
      "customer_id": "x4xCwxxJxGCx123Rx5xTx",
      "description": "Version 2 was activated",
      "event_type": "version.activate",
      "ip": "127.0.0.0",
      "metadata": {
        "version_number": 2
      },
      "service_id": "SU1Z0isxPaozGVKXdv0eY",
      "user_id": "6MwX4ZZM7Ji4Q3O07dI8Ln"
    },
    "id": "1PTzLK8g1NRKMGu5kUb8SC",
    "type": "event"
  }
}
```

Invitations

Invitations allow superusers and engineers to invite users to set up accounts as collaborators under a main customer account. Superusers c
assign them any role or permission level on a per-service basis. Engineers with no per-service limitations on their role can only invite new co
modify their permissions.

Fields

field	type	description
created_at	*string*	Time-stamp (GMT) when the invitation was created. Read Only.
deleted_at	*string*	Time-stamp (GMT) when the invitation was deleted. Read Only.
email	*string*	The email address of the invitee.
limit_services	*boolean*	Indicates the user has limited access to the customer's services.
role	*string*	The user-assigned permissions role. Can be `user`, `billing`, `engineer`, or `superuser`
status_code	*boolean*	Indicates whether or not the invite is active, with 0 representing inactive and 1 represent
updated_at	*string*	Time-stamp (GMT) when the invitation was updated. Read Only.
customer.id	*string*	Unique ID of the customer.
service_invitations.id	*string*	Unique ID of the service invitation.
service_invitations.permission	*string*	The permission the accepting user will have in relation to the service. Valid values are `fu` `purge_select`, `purge_all`. Defaults to `full` permission.
service_invitations.service.id	*string*	Service the accepting user will have access to.

Actions

GET   /invitations

List all invitations
Authentication

[API token](#) with at least `Billing` [permissions](#).
Request Example

```
GET /invitations HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json
```

```
{
  "data": [
    {
      "id": "3krg2uUGZzb2W9Euo4moOY",
      "type": "invitation",
      "attributes": {
        "created_at": "2017-03-15T20:10:09Z",
        "deleted_at": null,
        "email": "john@example.com",
        "role": "superuser",
        "status_code": 1,
        "updated_at": "2017-03-15T20:10:09Z"
      },
      "relationships": {
        "customer": {
          "data": {
            "type": "customer",
            "id": "SU1Z0isxPaozGVKXdv0eY"
          }
        }
      }
    }
  ],
  "links": {
    "last": "http://api.fastly.com/invitations?page[number]=1&page[size]=100"
  },
  "meta": {
    "current_page": 1,
    "per_page": 100,
    "record_count": 1,
    "total_pages": 1
  }
}
```

POST /invitations

Create an invitation
Authentication

[API token](#) with at least `Superuser` [permissions](#).

Request Example

```
POST /invitations HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
Content-Type: application/vnd.api+json
```

```
{
  "data": {
    "type": "invitation",
    "attributes": {
      "email": "thelma@example.com",
      "limit_services": true,
      "role": "engineer"
    },
    "relationships": {
      "customer": {
        "data": {
          "id": "44tb1D3asjhhuh2SH8e8YD",
          "type": "customer"
        }
      },
      "service_invitations": {
        "data": [
          {
            "type": "service_invitation",
            "attributes": {
              "permission": "purge_all"
            },
            "relationships": {
              "service": {
                "data": {
                  "type": "service",
                  "id": "6yrrdleXQ9QDtum9rMB0nr"
                }
              }
            }
          }
        ]
      }
    }
  }
}
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json
```

```
    "data": {
      "type": "invitation",
      "attributes": {
        "email": "thelma@example.com",
        "limit_services": true,
        "role": "engineer"
```

```
{
  "data": {
    "id": "7kP8T3JrqSD2ZdijWGxOB1",
    "type": "invitation",
    "attributes": {
      "created_at": "2017-05-09T18:45:17Z",
      "email": "thelma@example.com",
      "deleted_at": null,
      "role": "user",
      "status_code": 1,
      "updated_at": "2017-05-09T18:45:17Z",
      "limit_services": true
    },
    "relationships": {
      "customer": {
        "data": {
          "id": "3krg2uUGZzb2W9Euo4moOY",
          "type": "customer"
        }
      },
      "service_invitations": {
        "data": [
          {
            "id": "QNcWQmR5UIpVVO6f1Y3Rl",
            "type": "service_invitation"
          }
        ]
      }
    }
  },
  "included": [
    {
      "id": "QNcWQmR5UIpVVO6f1Y3Rl",
      "type": "service_invitation",
      "attributes": {
        "permission": "purge_all",
        "created_at": "2017-05-09T18:45:18Z",
        "deleted_at": null,
        "updated_at": "2017-05-09T18:45:18Z"
      }
    },
    {
      "id": "3krg2uUGZzb2W9Euo4moOY",
      "type": "customer",
      "attributes": {
        "created_at": "2017-05-09T18:45:17Z",
        "deleted_at": null,
        "name": "Test",
        "phone_number": "875.788.2000 x29959",
        "postal_address": null,
        "updated_at": "2017-05-09T18:45:17Z"
      }
    }
  ]
}
```

DELETE /invitations/ **id**

Delete an invitation

Authentication

[API token](#) with at least `Superuser` [permissions](#).

Request Example

```
DELETE /invitations/3krg2uUGZzb2W9Euo4moOY HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
Content-Type: application/vnd.api+json
```

▼ Response Example

```
HTTP/1.1 204 No Content
Content-Type: application/vnd.api+json
```

Service Authorizations

A Service Authorization allows limited users to access only specified services.

Fields

field	type	description
permission	*string*	The permission the user has in relation to the service. Valid values are `full`, `read_only`, `purge_select`, `pur`... `full` permission.
created_at	*string*	Time-stamp (GMT) when the service authorization was created. Read Only.
updated_at	*string*	Time-stamp (GMT) when the service authorization was updated. Read Only.
deleted_at	*string*	Time-stamp (GMT) when the service authorization was deleted. Read Only.
user.id	*string*	The ID of the user being given access to the service.
service.id	*string*	The ID of the service being authorized for access.

Actions

GET /service-authorizations/ **id**

Show Service Authorization
Authentication

[API token](#).

Request Example

```
GET /service-authorizations/3krg2uUGZzb2W9Euo4moOY HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
  "data": {
    "id": "3krg2uUGZzb2W9Euo4moOY",
    "type": "service_authorization",
    "attributes": {
      "created_at": "2017-03-15T20:10:09Z",
      "updated_at": "2017-03-15T20:10:09Z",
      "deleted_at": null
    },
    "relationships": {
      "service": {
        "data": {
          "type": "service",
          "id": "x4xCwxxJxGCx123Rx5xTx"
        }
      },
      "user": {
        "data": {
          "type": "user",
          "id": "6c7kAlo4vACNchGOdQxP37"
        }
      }
    }
  }
}
```

GET /service-authorizations

List Service Authorizations
Authentication

[API token](#).

Request Example

```
GET /service-authorizations HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json
```

```json
{
  "data": [
    {
      "id": "3krg2uUGZzb2W9Euo4moOY",
      "type": "service_authorization",
      "attributes": {
        "created_at": "2017-03-15T20:10:09Z",
        "updated_at": "2017-03-15T20:10:09Z",
        "deleted_at": null
      },
      "relationships": {
        "service": {
          "data": {
            "type": "service",
            "id": "x4xCwxxJxGCx123Rx5xTx"
          }
        },
        "user": {
          "data": {
            "type": "user",
            "id": "6c7kAlo4vACNchGOdQxP37"
          }
        }
      },
      "relationships": {
        "user": {
          "data": {
            "type": "user",
            "id": "6c7kAlo4vACNchGOdQxP37"
          }
        },
        "service": {
          "data": {
            "type": "service",
            "id": "SU1Z0isxPaozGVKXdv0eY"
          }
        }
      }
    }
  ],
  "links": {
    "last": "http://api.fastly.com/service-authorizations?page[number]=1&page[size]=100"
  },
  "meta": {
    "current_page": 1,
    "per_page": 100,
    "record_count": 1,
    "total_pages": 1
  }
}
```

PATCH /service-authorizations/ **id**

Update Service Authorization

Authentication

[API token](#).

Request Example

```
PATCH /service-authorizations/3krg2uUGZzb2W9Euo4moOY HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
```

```json
{
  "data": {
    "id": "3krg2uUGZzb2W9Euo4moOY",
    "type": "service_authorization",
    "attributes": {
      "permission": "read_only"
    }
  }
}
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json
```

```
{
  "data": {
    "id": "3krg2uUGZzb2W9Euo4moOY",
    "type": "service_authorization",
    "attributes": {
      "created_at": "2017-03-15T20:07:34Z",
      "updated_at": "2017-03-15T20:07:34Z",
      "deleted_at": null,
      "permission": "read_only"
    }
  }
}
```

PATCH /service-authorizations

Update Service Authorizations
Authentication

[API token](#).
Request Example

```
PATCH /service-authorizations HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/vnd.api+json; ext=bulk
Accept: application/vnd.api+json; ext=bulk
```

```
{
  "data": [
    {
      "id": "3krg2uUGZzb2W9Euo4moOY",
      "type": "service_authorization",
      "attributes": {
        "permission": "read_only"
      }
    },
    {
      "id": "71ZA6hv2FO6tGEQIE203Xj",
      "type": "service_authorization",
      "attributes": {
        "permission": "purge_all"
      }
    }
  ]
}
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json; ext=bulk
```

```json
{
  "data": [
    {
      "id": "3krg2uUGZzb2W9Euo4moOY",
      "type": "service_authorization",
      "attributes": {
        "created_at": "2017-03-15T20:07:34Z",
        "updated_at": "2017-03-15T20:07:34Z",
        "deleted_at": null,
        "permission": "read_only"
      },
      "relationships": {
        "user": {
          "data": {
            "type": "user",
            "id": "6c7kAlo4vACNchGOdQxP37"
          }
        },
        "service": {
          "data": {
            "type": "service",
            "id": "SU1Z0isxPaozGVKXdv0eY"
          }
        }
      }
    },
    {
      "id": "71ZA6hv2FO6tGEQIE203Xj",
      "type": "service_authorization",
      "attributes": {
        "created_at": "2017-03-15T20:07:34Z",
        "updated_at": "2017-03-15T20:07:34Z",
        "deleted_at": null,
        "permission": "purge_all"
      },
      "relationships": {
        "user": {
          "data": {
            "type": "user",
            "id": "6c7kAlo4vACNchGOdQxP37"
          }
        },
        "service": {
          "data": {
            "type": "service",
            "id": "hTE5dRlSBICGPJxJwCH4M"
          }
        }
      }
    }
  ]
}
```

POST /service-authorizations

Create Service Authorization
Authentication

[API token](#).
Request Example

```
POST /service-authorizations HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
Content-Type: application/vnd.api+json
```

```json
{
  "data": {
    "type": "service_authorization",
    "attributes": {
      "permission": "read_only"
    },
    "relationships": {
      "user": {
        "data": {
          "type": "user",
          "id": "6c7kAlo4vACNchGOdQxP37"
        }
      },
      "service": {
        "data": {
          "type": "service",
          "id": "SU1Z0isxPaozGVKXdv0eY"
        }
      }
    }
  }
}
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json
```

```json
{
  "data": {
    "type": "service_authorization",
    "attributes": {
      "created_at": "2017-03-15T20:07:34Z",
      "updated_at": "2017-03-15T20:07:34Z",
      "deleted_at": null,
      "permission": "read_only"
    },
    "relationships": {
      "user": {
        "data": {
          "type": "user",
          "id": "6c7kAlo4vACNchGOdQxP37"
        }
      },
      "service": {
        "data": {
          "type": "service",
          "id": "SU1Z0isxPaozGVKXdv0eY"
        }
      }
    },
    "relationships": {
      "service": {
        "data": {
          "type": "service",
          "id": "x4xCwxxJxGCx123Rx5xTx"
        }
      },
      "user": {
        "data": {
          "type": "user",
          "id": "6c7kAlo4vACNchGOdQxP37"
        }
      }
    }
  }
}
```

DELETE /service-authorizations/ **id**

Delete Service Authorization

Authentication

API token.

Request Example

```
DELETE /service-authorizations/3krg2uUGZzb2W9Euo4moOY HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
Content-Type: application/vnd.api+json
```

▼ Response Example

```
HTTP/1.1 204 No Content
Content-Type: application/vnd.api+json
```

DELETE   /service-authorizations

Delete Service Authorizations
Authentication

[API token](#).
Request Example

```
DELETE /service-authorizations HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json; ext=bulk
Content-Type: application/vnd.api+json; ext=bulk
```

```
{
  "data": [
    {
      "id": "3krg2uUGZzb2W9Euo4moOY",
      "type": "service_authorization"
    },
    {
      "id": "71ZA6hv2FO6tGEQIE203Xj",
      "type": "service_authorization"
    }
  ]
}
```

▼ Response Example

```
HTTP/1.1 204 OK
Content-Type: application/vnd.api+json; ext=bulk
```

```json
{
  "data": [
    {
      "id": "3krg2uUGZzb2W9Euo4moOY",
      "type": "service_authorization",
      "attributes": {
        "created_at": "2017-03-15T20:07:34Z",
        "updated_at": "2017-03-15T20:07:34Z",
        "deleted_at": "2017-03-16T20:07:34Z"
      },
      "relationships": {
        "user": {
          "data": {
            "type": "user",
            "id": "6c7kAlo4vACNchGOdQxP37"
          }
        },
        "service": {
          "data": {
            "type": "service",
            "id": "SU1Z0isxPaozGVKXdv0eY"
          }
        }
      }
    },
    {
      "id": "71ZA6hv2FO6tGEQIE203Xj",
      "type": "service_authorization",
      "attributes": {
        "created_at": "2017-03-15T20:07:34Z",
        "updated_at": "2017-03-15T20:07:34Z",
        "deleted_at": "2017-03-16T20:07:34Z"
      },
      "relationships": {
        "user": {
          "data": {
            "type": "user",
            "id": "6c7kAlo4vACNchGOdQxP37"
          }
        },
        "service": {
          "data": {
            "type": "service",
            "id": "hTE5dRlSBICGPJxJwCH4M"
          }
        }
      }
    }
  ]
}
```

Star

A Star allows users to mark services of interest.

Fields

field	type	description
created_at	*string*	Time-stamp (GMT) when the Star was created. Read Only.
updated_at	*string*	Time-stamp (GMT) when the Star was updated. Read Only.
deleted_at	*string*	Time-stamp (GMT) when the Star was deleted. Read Only.
service.id	*string*	Unique ID of the service
user.id	*string*	Unique ID of the user

Actions

GET /stars/ **id**

Show Star

Authentication

API token.
Request Example

```
GET /stars/3krg2uUGZzb2W9Euo4moOY HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json
```

```
{
  "data": {
    "id": "3krg2uUGZzb2W9Euo4moOY",
    "type": "star",
    "attributes": {
      "created_at": "2017-03-15T20:10:09Z",
      "updated_at": "2017-03-15T20:10:09Z",
      "deleted_at": null
    },
    "relationships": {
      "service": {
        "data": {
          "type": "service",
          "id": "x4xCwxxJxGCx123Rx5xTx"
        }
      },
      "user": {
        "data": {
          "type": "user",
          "id": "6c7kAlo4vACNchGOdQxP37"
        }
      }
    }
  }
}
```

GET /stars

List Stars
Authentication

API token.
Request Example

```
GET /stars HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json
```

```json
{
  "data": [
    {
      "id": "3krg2uUGZzb2W9Euo4moOY",
      "type": "star",
      "attributes": {
        "created_at": "2017-03-15T20:10:09Z",
        "updated_at": "2017-03-15T20:10:09Z",
        "deleted_at": null
      },
      "relationships": {
        "service": {
          "data": {
            "type": "service",
            "id": "x4xCwxxJxGCx123Rx5xTx"
          }
        },
        "user": {
          "data": {
            "type": "user",
            "id": "6c7kAlo4vACNchGOdQxP37"
          }
        }
      }
    }
  ],
  "links": {
    "last": "http://api.fastly.com/stars?page[number]=1&page[size]=100"
  },
  "meta": {
    "current_page": 1,
    "per_page": 100,
    "record_count": 1,
    "total_pages": 1
  }
}
```

POST /stars

Create Star
Authentication

[API token](#).

Request Example

```http
POST /stars HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
Content-Type: application/vnd.api+json
```

```json
{
  "data": {
    "type": "star",
    "attributes": {},
    "relationships": {
      "user": {
        "data": {
          "type": "user",
          "id": "6c7kAlo4vACNchGOdQxP37"
        }
      },
      "service": {
        "data": {
          "type": "service",
          "id": "SU1Z0isxPaozGVKXdv0eY"
        }
      }
    }
  }
}
```

▼ **Response Example**

```http
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json
```

```
{
  "data": {
    "type": "star",
    "attributes": {
      "created_at": "2017-03-15T20:07:34Z",
      "updated_at": "2017-03-15T20:07:34Z",
      "deleted_at": null,
    },
    "relationships": {
      "user": {
        "data": {
          "type": "user",
          "id": "6c7kAlo4vACNchGOdQxP37"
        }
      },
      "service": {
        "data": {
          "type": "service",
          "id": "SU1Z0isxPaozGVKXdv0eY"
        }
      }
    }
  }
}
```

DELETE /stars/ **id**

Delete Star
Authentication

[API token](#).
Request Example

```
DELETE /stars/3krg2uUGZzb2W9Euo4moOY HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
Content-Type: application/vnd.api+json
```

▼ Response Example

```
HTTP/1.1 204 No Content
Content-Type: application/vnd.api+json
```

User

A user of the Fastly API and web interface. A user is always associated with a customer.

Fields

field	type	description
created_at	string	Time-stamp (GMT) when the user was created.
customer_id	string	The alphanumeric string identifying a customer.
deleted_at	string	Time-stamp (GMT) when the user was deleted.
email_hash	string	The alphanumeric string indentifying a email login.
id	string	The alphanumeric string identifying a user.
limit_services	boolean	Indicates that the user has limited access to the customer's services.
locked	boolean	Indicates whether the is account is locked for editing or not.
login	string	The email address, which is the login name, of this user.
name	string	The real life name of the user.

field	type	description
require_new_password	*boolean*	Indicates if a new password is required at next login.
role	*string*	The role of this user.
two_factor_auth_enabled	*boolean*	Indicates if 2fa is enabled on the user.
two_factor_setup_required	*boolean*	Indicates if 2fa is required by the user's customer account.
updated_at	*string*	Time-stamp (GMT) when the user was updated.

Actions

GET /current_user

Get the logged in user
Authentication

[API token](#) with at least `Billing` [permissions](#).
Request Example

```
GET /current_user HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "created_at": "2016-06-14T14:43:01+00:00",
  "customer_id": "x4xCwxxJxGCx123Rx5xTx",
  "deleted_at": null,
  "email_hash": "xe8x2dxffx5bx18123x69x3fxefxefxa",
  "id": "x9KzsrACXZv8tPwlEDsKb6",
  "locked": false,
  "login": "krisowner@example.com",
  "name": "Kris Owner",
  "require_new_password": false,
  "role": "user",
  "two_factor_auth_enabled": false,
  "two_factor_setup_required": false,
  "updated_at": "2016-06-20T16:45:18+00:00"
}
```

GET /user/ **id**

Get a specific user
Authentication

[API token](#) with at least `Billing` [permissions](#).
Request Example

```
GET /user/x9KzsrACXZv8tPwlEDsKb6 HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "created_at": "2016-06-14T14:43:01+00:00",
  "customer_id": "x4xCwxxJxGCx123Rx5xTx",
  "deleted_at": null,
  "email_hash": "xe8x2dxffx5bx18123x69x3fxefxefxa",
  "id": "x9KzsrACXZv8tPwlEDsKb6",
  "locked": false,
  "login": "krisowner@example.com",
  "name": "Kris Owner",
  "require_new_password": false,
  "role": "user",
  "two_factor_auth_enabled": false,
  "two_factor_setup_required": false,
  "updated_at": "2016-06-20T16:45:18+00:00"
}
```

POST /user

Create a user
Authentication

API token with at least `Superuser` permissions.

Request Example

```
POST /user HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=Kris Owner&login=krisowner%40example.com
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "created_at": "2016-06-14T14:43:01+00:00",
  "customer_id": "x4xCwxxJxGCx123Rx5xTx",
  "deleted_at": null,
  "email_hash": "xe8x2dxffx5bx18123x69x3fxefxefxa",
  "id": "6c7kAlo4vACNchGOdQxP37",
  "locked": false,
  "login": "krisowner@example.com",
  "name": "Kris Owner",
  "require_new_password": false,
  "role": "user",
  "two_factor_auth_enabled": false,
  "two_factor_setup_required": false,
  "updated_at": "2016-06-20T16:45:18+00:00"
}
```

POST /current_user/password

Update the user's password to a new one
Authentication

Username and password.

Request Example

```
POST /current_user/password HTTP/1.1
Content-Type: application/x-www-form-urlencoded
```

```
old_password=oldpasswd&new_password=newpwd
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
    "created_at": "2016-06-14T14:43:01+00:00",
    "customer_id": "x4xCwxxJxGCx123Rx5xTx",
    "deleted_at": null,
    "email_hash": "xe8x2dxffx5bx18123x69x3fxefxefxa",
    "id": "x9KzsrACXZv8tPwlEDsKb6",
    "locked": false,
    "login": "krisowner@example.com",
    "name": "Kris Owner",
    "require_new_password": false,
    "role": "user",
    "two_factor_auth_enabled": false,
    "two_factor_setup_required": false,
    "updated_at": "2016-06-20T16:45:18+00:00"
}
```

POST /user/ **login** /password/request_reset

Requests a password reset for the specified user

Authentication

None.

Request Example

```
POST /user/user%40example.com/password/request_reset HTTP/1.1
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
    "status": "ok"
}
```

PUT /user/ **id**

Update a user. Only users with the role of `superuser` can make changes to other users on the account. Non-superusers may use this endp their own account. Modifications to `login` email require a valid password in the request body.

Authentication

API token.

Request Example

```
PUT /user/x9KzsrACXZv8tPwlEDsKb6 HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=Updated%20Name&login=krisowner@example.com&password_confirmation=YOUR_FASTLY_PASSWORD
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
    "created_at": "2016-06-14T14:43:01+00:00",
    "customer_id": "x4xCwxxJxGCx123Rx5xTx",
    "deleted_at": null,
    "email_hash": "xe8x2dxffx5bx18123x69x3fxefxefxa",
    "id": "x9KzsrACXZv8tPwlEDsKb6",
    "locked": false,
    "login": "krisowner@example.com",
    "name": "Updated Name",
    "require_new_password": false,
    "role": "user",
    "two_factor_auth_enabled": false,
    "two_factor_setup_required": false,
    "updated_at": "2016-06-20T16:45:18+00:00"
}
```

DELETE /user/ **id**

Delete a user
Authentication

[API token](#) with at least `Superuser` [permissions](#).
Request Example

```
DELETE /user/x9KzsrACXZv8tPwlEDsKb6 HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "status": "ok"
}
```

Config

ACL

An ACL is a named access control list for matching against a client's IP address during VCL processing. A new ACL is empty and is attache
service (not locked or active). The version associated with the ACL must be activated to be used. To remove an ACL from use, the ACL mus
version (not locked or active), and that version without the ACL must be activated.

Fields

field	type	description
name	*string*	Name for the ACL. Must start with alphanumeric and contain only alphanumeric, underscore, and whitespace.

Actions

GET /service/ **service_id** /version/ **version** /acl

List ACLs
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/2/acl HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

[
  {
    "version": "2",
    "name": "my_acl",
    "id": "6tUXdegLTf5BCig0zGFrU3",
    "service_id": "1jlmtMz1ncwA0KC3TBGD0X",
    "created_at": "2016-04-21T18:14:32+00:00",
    "updated_at": "2016-04-21T18:14:32+00:00",
    "deleted_at": null
  },
  {
    "version": "2",
    "name": "another_acl",
    "id": "6tUXdegLTf5BCig0zGFrU3",
    "service_id": "1jlmtMz1ncwA0KC3TBGD0X",
    "created_at": "2016-04-21T18:14:32+00:00",
    "updated_at": "2016-04-21T18:14:32+00:00",
    "deleted_at": null
  }
]
```

GET /service/ **service_id** /version/ **version** /acl/ **name**

Retrieve a single ACL by name for the version and service
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/4/acl/my_acl HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "version": 4,
  "name": "my_acl",
  "service_id": "6HLRMTXCDWZl6tF3yEuKok",
  "id": "2cFflPOskFLhmnZJEKU7y6",
  "created_at": "2016-04-21T18:14:32+00:00",
  "updated_at": "2016-04-21T18:14:32+00:00",
  "deleted_at": null
}
```

POST /service/ **service_id** /version/ **version** /acl

Create a new ACL for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/4/acl HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=my_acl
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "name": "my_acl",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": 4,
  "id": "2cFflPOskFLhmnZJEfUake",
  "created_at": "2016-04-21T18:14:32+00:00",
  "updated_at": "2016-04-21T18:14:32+00:00",
  "deleted_at": null
}
```

PUT /service/ **service_id** /version/ **version** /acl/ **old_name**

Update ACL for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/4/acl/my_acl HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=updated_acl
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "version": 4,
  "name": "updated_acl",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "id": "2cFflPOskFLhmnZJEfUake",
  "created_at": "2016-04-21T18:14:32+00:00",
  "updated_at": "2016-04-21T18:14:32+00:00",
  "deleted_at": null
}
```

DELETE /service/ **service_id** /version/ **version** /acl/ **name**

Delete an ACL for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/acl/my_acl HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json


{
  "status": "ok"
}
```

ACL Entry

An ACL entry holds an IP address with optional subnet to make up an entry in an ACL. ACL entries are versionless and can be modified with version. ACL entries can also be negated.

Fields

field	type	description
ip	*string*	An IP address.
subnet	*string*	An optional subnet mask applied to the IP address.
acl_id	*string*	The ACL this entry belongs to.
negated	*boolean*	A boolean that will negate the match if true.
comment	*string*	A personal freeform descriptive note.

Actions

GET /service/ **service_id** /acl/ **acl_id** /entries

List of ACL entries given service and ACL ID
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/acl/2cFflPOskFLhmnZJEfUake/entries HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
[
  {
    "id": "6yxNzlOpW1V7JfSwvLGtOc",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "acl_id": "2cFflPOskFLhmnZJEfUake",
    "ip": "127.0.0.1",
    "negated": "0",
    "subnet": null,
    "comment": "",
    "created_at": "2016-04-21T18:14:32+00:00",
    "updated_at": "2016-04-21T18:14:32+00:00",
    "deleted_at": null
  },
  {
    "id": "1ujrCmULAWHUPP7Mzjefxa",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "acl_id": "2cFflPOskFLhmnZJEfUake",
    "ip": "127.0.0.2",
    "negated": "0",
    "subnet": 8,
    "comment": "",
    "created_at": "2016-04-21T18:14:32+00:00",
    "updated_at": "2016-04-21T18:14:32+00:00",
    "deleted_at": null
  }
]
```

GET /service/ **service_id** /acl/ **acl_id** /entry/ **entry_id**

Retrieve a single ACL entry given service, ACL ID and entry ID

Authentication

API token of a user with at least `Engineer` permissions.

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/acl/2cFflPOskFLhmnZJEfUake/entry/1ujrCmULAWHUPP7Mzjefxa HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "id": "1ujrCmULAWHUPP7Mzjefxa",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "acl_id": "2cFflPOskFLhmnZJEfUake",
  "ip": "127.0.0.1",
  "negated": "0",
  "subnet": 8,
  "comment": "",
  "created_at": "2016-04-21T18:14:32+00:00",
  "updated_at": "2016-04-21T18:14:32+00:00",
  "deleted_at": null
}
```

POST /service/ **service_id** /acl/ **acl_id** /entry

Create ACL entry given service, ACL ID and properties

Authentication

API token of a user with at least `Engineer` permissions.

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/acl/2cFflPOskFLhmnZJEfUake/entry HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/json
Accept: application/json
```

```json
{"ip": "127.0.0.1", "subnet": 8, "negated": false}
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "id": "1ujrCmULAWHUPP7Mzjefxa",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "acl_id": "2cFflPOskFLhmnZJEfUake",
  "ip": "127.0.0.1",
  "negated": 0,
  "subnet": 8,
  "comment": "",
  "created_at": "2016-04-21T18:14:32+00:00",
  "updated_at": "2016-04-21T18:14:32+00:00",
  "deleted_at": null
}
```

DELETE /service/ **service_id** /acl/ **acl_id** /entry/ **entry_id**

Delete ACL entry given service, ACL ID, and entry ID
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/acl/2cFflPOskFLhmnZJEfUake/entry/1ujrCmULAWHUPP7Mzjefxa HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "status": "ok"
}
```

PATCH /service/ **service_id** /acl/ **acl_id** /entry/ **entry_id**

Update ACL entry given service, ACL ID, entry ID and properties
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
PATCH /service/SU1Z0isxPaozGVKXdv0eY/acl/2cFflPOskFLhmnZJEfUake/entry/1ujrCmULAWHUPP7Mzjefxa HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/json
Accept: application/json

{"ip": "127.0.0.2"}
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "id": "1ujrCmULAWHUPP7Mzjefxa",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "acl_id": "2cFflPOskFLhmnZJEfUake",
  "ip": "127.0.0.2",
  "negated": "0",
  "subnet": 0,
  "comment": "",
  "created_at": "2016-04-21T18:14:32+00:00",
  "updated_at": "2016-04-21T18:14:32+00:00",
  "deleted_at": null
}
```

PATCH /service/ **service_id** /acl/ **acl_id** /entries

Update ACL entries in batch given service, ACL ID, entry ID and properties
Authentication

API token of a user with at least `Engineer` permissions.

```
PATCH /service/SU1Z0isxPaozGVKXdv0eY/acl/2cFflPOskFLhmnZJEfUake/entries HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/json
Accept: application/json
```

```
{
  "entries": [
    {
      "op": "create",
      "ip": "192.168.0.1",
      "subnet": "8"
    },
    {
      "op": "update",
      "id": "acl_entry_id",
      "ip": "192.168.0.2",
      "subnet": "16"
    },
    {
      "op": "delete",
      "id": "acl_entry_id"
    }
  ]
}
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "status": "ok"
}
```

Backend

A backend is an address (IP or domain) from which Fastly pulls content. There can be multiple backends for a service.

Fields

field	type	description
address	*string*	An hostname, IPv4, or IPv6 address for the backend.
auto_loadbalance	*boolean*	Whether or not this backend should be automatically load balanced.
between_bytes_timeout	*integer*	How long to wait between bytes in milliseconds.
client_cert	*string*	Unused.
comment	*string*	A comment.
connect_timeout	*integer*	How long to wait for a timeout in milliseconds.
first_byte_timeout	*integer*	How long to wait for the first bytes in milliseconds.
healthcheck	*string*	The name of the healthcheck to use with this backend. Can be empty.
hostname	*string*	The hostname of the backend.
ipv4	*string*	IPv4 address of the host.
ipv6	*string*	IPv6 address of the host.
locked	*boolean*	Specifies whether or not the version is locked for editing.
max_conn	*integer*	Maximum number of connections.

field	type	description
max_tls_version	*string*	Maximum allowed TLS version on SSL connections to this backend.
min_tls_version	*string*	Minimum allowed TLS version on SSL connections to this backend.
name	*string*	The name of the backend.
override_host	*string*	The hostname to [override the Host header](#).
port	*integer*	The port number.
request_condition	*string*	Condition, which if met, will select this backend during a request.
service_id	*string*	The alphanumeric string identifying a service.
shield	*string*	The shield POP designated to reduce inbound load on this origin by serving the cached data to
ssl_ca_cert	*string*	CA certificate attached to origin.
ssl_cert_hostname	*string*	Overrides ssl_hostname, but only for cert verification. Does not affect SNI at all.
ssl_check_cert	*boolean*	Be strict on checking SSL certs. Setting to null will use the system default value (true).
ssl_ciphers	*string*	List of OpenSSL ciphers (see https://www.openssl.org/docs/manmaster/man1/ciphers.html for
ssl_client_cert	*string*	Client certificate attached to origin.
ssl_client_key	*string*	Client key attached to origin.
ssl_hostname	*string*	(Deprecated) Use ssl_cert_hostname and ssl_sni_hostname to configure certificate validation.
ssl_sni_hostname	*string*	Overrides ssl_hostname, but only for SNI in the handshake. Does not affect cert validation at al
use_ssl	*boolean*	Whether or not to use SSL to reach the backend.
version	*integer*	The current version number of a service.
weight	*integer*	Weight used to load balance this backend against others.

Actions

GET   /service/ **service_id** /version/ **version** /backend

List all backends for a particular service and version.
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/backend HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
[
  {
    "address": "127.0.0.1",
    "auto_loadbalance": false,
    "between_bytes_timeout": 10000,
    "client_cert": null,
    "comment": "",
    "connect_timeout": 1000,
    "first_byte_timeout": 15000,
    "healthcheck": null,
    "hostname": null,
    "ipv4": "127.0.0.1",
    "ipv6": null,
    "locked": true,
    "max_conn": 200,
    "max_tls_version": null,
    "min_tls_version": null,
    "name": "backend-name",
    "port": 80,
    "request_condition": "",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "shield": null,
    "override_host": null,
    "ssl_ca_cert": null,
    "ssl_cert_hostname": null,
    "ssl_check_cert": true,
    "ssl_ciphers": null,
    "ssl_client_cert": null,
    "ssl_client_key": null,
    "ssl_hostname": null,
    "ssl_sni_hostname": null,
    "use_ssl": false,
    "version": 1,
    "weight": 100
  }
]
```

GET /service/ **service_id** /version/ **version** /backend/ **name**

Get the backend for a particular service and version.

Authentication

API token of a user with at least `Engineer` permissions.

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/backend/test-backend HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
    "address": "127.0.0.1",
    "auto_loadbalance": false,
    "between_bytes_timeout": 10000,
    "client_cert": null,
    "comment": "",
    "connect_timeout": 1000,
    "first_byte_timeout": 15000,
    "healthcheck": null,
    "hostname": null,
    "ipv4": "127.0.0.1",
    "ipv6": null,
    "locked": true,
    "max_conn": 200,
    "max_tls_version": null,
    "min_tls_version": null,
    "name": "backend-name",
    "port": 80,
    "request_condition": "",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "shield": null,
    "override_host": null,
    "ssl_ca_cert": null,
    "ssl_cert_hostname": null,
    "ssl_check_cert": true,
    "ssl_ciphers": null,
    "ssl_client_cert": null,
    "ssl_client_key": null,
    "ssl_hostname": null,
    "ssl_sni_hostname": null,
    "use_ssl": false,
    "version": 1,
    "weight": 100
}
```

POST /service/ **service_id** /version/ **version** /backend

Create a backend for a particular service and version.

Authentication

API token of a user with at least `Engineer` permissions.

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/backend HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
ipv4=127.0.0.1&name=backend-name&port=80
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "address": "127.0.0.1",
  "auto_loadbalance": false,
  "between_bytes_timeout": 10000,
  "client_cert": null,
  "comment": "",
  "connect_timeout": 1000,
  "first_byte_timeout": 15000,
  "healthcheck": null,
  "hostname": null,
  "ipv4": "127.0.0.1",
  "ipv6": null,
  "locked": true,
  "max_conn": 200,
  "max_tls_version": null,
  "min_tls_version": null,
  "name": "backend-name",
  "port": 80,
  "request_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "shield": null,
  "override_host": null,
  "ssl_ca_cert": null,
  "ssl_cert_hostname": null,
  "ssl_check_cert": true,
  "ssl_ciphers": null,
  "ssl_client_cert": null,
  "ssl_client_key": null,
  "ssl_hostname": null,
  "ssl_sni_hostname": null,
  "use_ssl": false,
  "version": 1,
  "weight": 100
}
```

PUT /service/ **service_id** /version/ **version** /backend/ **old_name**

Update the backend for a particular service and version.
Authentication

API token of a user with at least `Engineer` permissions.
Parameters

parameter	type	description
old_name	*string*	Old name of the backend (used to select the correct backend if the name has been changed).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/backend/backend-name HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=updated-backend-name
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "address": "127.0.0.1",
  "auto_loadbalance": false,
  "between_bytes_timeout": 10000,
  "client_cert": null,
  "comment": "",
  "connect_timeout": 1000,
  "first_byte_timeout": 15000,
  "healthcheck": null,
  "hostname": null,
  "ipv4": "127.0.0.1",
  "ipv6": null,
  "locked": true,
  "max_conn": 200,
  "max_tls_version": null,
  "min_tls_version": null,
  "name": "updated-backend-name",
  "port": 80,
  "request_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "shield": null,
  "override_host": null,
  "ssl_ca_cert": null,
  "ssl_cert_hostname": null,
  "ssl_check_cert": true,
  "ssl_ciphers": null,
  "ssl_client_cert": null,
  "ssl_client_key": null,
  "ssl_hostname": null,
  "ssl_sni_hostname": null,
  "use_ssl": false,
  "version": 1,
  "weight": 100
}
```

DELETE /service/ **service_id** /version/ **version** /backend/ **name**

Delete the backend for a particular service and version.

Authentication

API token of a user with at least `Engineer` permissions.

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/backend/backend-name HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "status": "ok"
}
```

Cache Settings

Controls how caching is performed on Fastly. When used in conjunction with Conditions the Cache Settings provide you with fine grain cont
persists in the cache.

Fields

field	type	description
action	*string*	Allows for termination of execution and either cache, pass, or restart.
cache_condition	*string*	Name of the condition used to test whether this settings object should be used.
name	*string*	Name for the cache settings object.
stale_ttl	*integer*	Sets the max "Time To Live" for stale (unreachable) objects.

field	type	description
ttl	*integer*	Sets the "Time To Live".

Actions

GET /service/ **service_id** /version/ **version** /cache_settings

Get a list of all cache settings for a particular service and version.
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/cache_settings HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

[
  {
  "action": "cache",
  "cache_condition": "",
  "name": "testcache",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "stale_ttl": "1200",
  "ttl": "3600",
  "version": "1"
  }
]
```

GET /service/ **service_id** /version/ **version** /cache_settings/ **name**

Get a specific cache settings object.
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/cache_settings/testcache HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "action": "cache",
  "cache_condition": "",
  "name": "testcache",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "stale_ttl": "1200",
  "ttl": "3600",
  "version": "1"
}
```

POST /service/ **service_id** /version/ **version** /cache_settings

Create a cache settings object.
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/cache_settings HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=testcache&stale_ttl=1000&ttl=1000&action=cache
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "action": "cache",
  "cache_condition": "",
  "name": "testcache",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "stale_ttl": "1200",
  "ttl": "3600",
  "version": "1"
}
```

PUT /service/ **service_id** /version/ **version** /cache_settings/ **old_name**

Update a specific cache settings object.
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Parameters

parameter	type	description
old_name	*string*	Old name of the cache settings object (used to select the correct cache settings object if the name has been ch

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/cache_settings/testcache HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
stale_ttl=2000&ttl=1000
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "action": "cache",
  "cache_condition": "",
  "name": "testcache",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "stale_ttl": "2000",
  "ttl": "1000",
  "version": "1"
}
```

DELETE /service/ **service_id** /version/ **version** /cache_settings/ **name**

Delete a specific cache settings object.
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/cache_settings/testcache HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "status": "ok"
}
```

Condition

Conditions are used to control when and how other objects are used in a service configuration. They contain a statement that evaluates to e used to determine whether the condition is met.

Depending on the type of the condition, the statement field can make reference to the Varnish Variables `req`, `resp`, or `beresp`.

Fields

field	type	description
comment	*string*	
name	*string*	Name of the condition.
priority	*integer*	Priority assigned to condition. Order executes from 1 to 10, with 1 being first and 10 being last.
service_id	*string*	The alphanumeric string identifying a service.
statement	*string*	The statement used to determine if the condition is met.
type	*string*	Type of the condition, either "REQUEST" (req), "RESPONSE" (req, resp), "CACHE" (req, beresp), or "PREFETC
version	*integer*	The current version of a service.

Actions

GET /service/ **service_id** /version/ **version** /condition

Gets all conditions for a particular service and version.

Authentication

API token of a user with at least `Engineer` permissions.

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/condition HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json


[
  {
    "comment": "",
    "name": "testcondition",
    "priority": "10",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "statement": "req.url.basename == \"index.html\"",
    "type": "CACHE",
    "version": "1"
  }
]
```

GET /service/ **service_id** /version/ **version** /condition/ **name**

Gets the specified condition.

Authentication

API token of a user with at least `Engineer` permissions.

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/condition/testcondition HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
    "comment": "",
    "name": "testcondition",
    "priority": "10",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "statement": "req.url.basename == \"index.html\"",
    "type": "CACHE",
    "version": "1"
}
```

POST /service/ **service_id** /version/ **version** /condition

Creates a new condition.

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/condition HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=testcondition&statement=req.url.basename%20%3D%3D%20%22index.html%22&type=REQUEST&priority=10
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
    "comment": "",
    "name": "testcondition",
    "priority": "10",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "statement": "req.url.basename == \"index.html\"",
    "type": "REQUEST",
    "version": "1"
}
```

PUT /service/ **service_id** /version/ **version** /condition/ **old_name**

Updates the specified condition.

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Parameters

parameter	type	description
old_name	*string*	Old name of the condition object (used to select the correct condition object if the name has been changed).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/condition/testcondition HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
statement=req.url.basename%20%3D%3D%20%22index.html%22&priority=10
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
    "comment": "",
    "name": "testcondition",
    "priority": "10",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "statement": "req.url.basename == \"index.html\"",
    "type": "CACHE",
    "version": "1"
}
```

DELETE /service/ **service_id** /version/ **version** /condition/ **name**

Deletes the specified condition.
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/condition/testcondition HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json


{
   "status": "ok"
}
```

Dictionary

A Dictionary is a table that stores key value pairs accessible to VCL functions during VCL processing. A new dictionary is empty and attache
service (not locked/active). In order for the dictionary to appear in generated VCL, the version associated with the dictionary must be activat
the dictionary must be deleted on a working version (not locked/active), and that version without the dictionary then must be activated.

Fields

field	type	description
created_at	*string*	Time-stamp (GMT) when the dictionary was created.
deleted_at	*string*	Time-stamp (GMT) when the dictionary was deleted.
id	*string*	The alphanumeric string identifying a dictionary.
name	*string*	Name for the Dictionary.
service_id	*string*	The alphanumeric string identifying a service.
updated_at	*string*	Time-stamp (GMT) when the dictionary was updated.
version	*integer*	The current version of a service.
write_only	*boolean*	Determines if items in the dictionary are readable or not.

Actions

GET /service/ **service_id** /version/ **version** /dictionary

List all dictionaries for the version of the service.
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/dictionary HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
[
  {
    "created_at": "2016-04-29T22:16:23+00:00",
    "deleted_at": null,
    "id": "3vjTN8v1O7nOAY7aNDGOL",
    "name": "my_dictionary",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "updated_at": "2016-04-29T22:16:23+00:00",
    "version": 1,
    "write_only": false
  }
]
```

GET /service/ **service_id** /version/ **version** /dictionary/ **name**

Retrieve a single dictionary by name for the version and service.

Authentication

API token of a user with at least `Engineer` permissions.

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/dictionary/my_dictionary HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "created_at": "2016-05-03T16:11:41+00:00",
  "deleted_at": null,
  "id": "5clCytcTJrnvPi8wjqPH0q",
  "name": "my_dictionary",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "updated_at": "2016-05-03T16:20:35+00:00",
  "version": 1,
  "write_only": false
}
```

POST /service/ **service_id** /version/ **version** /dictionary

Create named dictionary for a particular service and version.

Authentication

API token of a user with at least `Engineer` permissions.

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/dictionary HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=my_dictionary
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "created_at": "2016-05-03T16:11:41+00:00",
  "deleted_at": null,
  "id": "5clCytcTJrnvPi8wjqPH0q",
  "name": "my_dictionary",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "updated_at": "2016-05-03T16:11:41+00:00",
  "version": 1,
  "write_only": false
}
```

PUT /service/ **service_id** /version/ **version** /dictionary/ **old_name**

Update named dictionary for a particular service and version
Authentication

API token of a user with at least `Engineer` permissions.
Parameters

parameter	type	description
old_name	*string*	Old name of the dictionary object (used to select the correct dictionary object if the name has been changed).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/dictionary/my_dictionary HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=updated_dictionary
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "created_at": "2016-05-03T16:11:41+00:00",
  "deleted_at": null,
  "id": "5clCytcTJrnvPi8wjqPH0q",
  "name": "updated_dictionary",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "updated_at": "2016-05-03T16:11:41+00:00",
  "version": 1,
  "write_only": false
}
```

DELETE /service/ **service_id** /version/ **version** /dictionary/ **name**

Delete named dictionary for a particular service and version.
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/dictionary/my_dictionary HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "status": "ok"
}
```

Dictionary Info

DictionaryInfo provides metadata for a Dictionary.

Fields

field	type	description
last_updated	*string*	Time-stamp (GMT) when the dictionary was last updated.
item_count	*integer*	The number of items belonging to the dictionary.
digest	*string*	Hash of the dictionary content.

Actions

GET /service/ **service_id** /version/ **version** /dictionary/ **id** /info

Retrieve metadata for a single dictionary by ID for a version and service.
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/dictionary/5clCytcTJrnvPi8wjqPH0q/info HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json


{
  "item_count": 1,
  "last_updated": "2019-06-04 19:23:11",
  "digest": "43ee763040973ca602549c94c5357a41c280afbb54e48d436af88f4e40d73081"
}
```

Dictionary Item

A DictionaryItem holds a key and value that make up an entry in a Dictionary. DictionaryItems are versionless so they can be modified witho

Fields

field	type	description
created_at	*string*	Time-stamp (GMT) when the dictionary was created.
deleted_at	*string*	Time-stamp (GMT) when the dictionary was deleted.
dictionary_id	*string*	The dictionary for this Item.
item_key	*string*	Key for the DictionaryItem.
item_value	*string*	Value for the DictionaryItem.
service_id	*string*	The service the Dictionary belongs to.
updated_at	*string*	Time-stamp (GMT) when the dictionary was updated.

Actions

GET /service/ **service_id** /dictionary/ **dictionary_id** /items

List of DictionaryItems given service and dictionary ID.
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/dictionary/5clCytcTJrnvPi8wjqPH0q/items HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json


[
  {
    "dictionary_id": "5clCytcTJrnvPi8wjqPH0q",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "item_key": "some_key",
    "item_value": "some_value",
    "created_at": "2016-04-21T18:14:32+00:00",
    "deleted_at": null,
    "updated_at": "2016-04-21T18:14:32+00:00"
  }
]
```

GET /service/ **service_id** /dictionary/ **dictionary_id** /item/ **item_key**

Retrieve a single DictionaryItem given service, dictionary ID and item key.
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/dictionary/5clCytcTJrnvPi8wjqPH0q/item/some_key HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
    "dictionary_id": "5clCytcTJrnvPi8wjqPH0q",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "item_key": "some_key",
    "item_value": "some_value",
    "created_at": "2016-04-21T18:14:32+00:00",
    "deleted_at": null,
    "updated_at": "2016-04-21T18:14:32+00:00"
}
```

POST /service/ **service_id** /dictionary/ **dictionary_id** /item

Create DictionaryItem given service, dictionary ID, item key, and item value.
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/dictionary/5clCytcTJrnvPi8wjqPH0q/item HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json

item_key=some_key&item_value=some_value
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
    "dictionary_id": "5clCytcTJrnvPi8wjqPH0q",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "item_key": "some_key",
    "item_value": "some_value",
    "created_at": "2016-04-21T18:14:32+00:00",
    "deleted_at": null,
    "updated_at": "2016-04-21T18:14:32+00:00"
}
```

PUT /service/ **service_id** /dictionary/ **dictionary_id** /item/ **item_key**

Upsert DictionaryItem given service, dictionary ID, item key, and item value.
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/dictionary/5clCytcTJrnvPi8wjqPH0q/item/some_key HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json

item_value=new_value
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "dictionary_id": "5clCytcTJrnvPi8wjqPH0q",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "item_key": "some_key",
  "item_value": "new_value",
  "created_at": "2016-04-21T18:14:32+00:00",
  "deleted_at": null,
  "updated_at": "2016-04-21T18:14:32+00:00"
}
```

PATCH /service/ **service_id** /dictionary/ **dictionary_id** /item/ **item_key**

Update DictionaryItem given service, dictionary ID, item key, and item value.
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
PATCH /service/SU1Z0isxPaozGVKXdv0eY/dictionary/5clCytcTJrnvPi8wjqPH0q/item/some_key HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
item_value=new_value
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "dictionary_id": "5clCytcTJrnvPi8wjqPH0q",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "item_key": "some_key",
  "item_value": "new_value",
  "created_at": "2016-04-21T18:14:32+00:00",
  "deleted_at": null,
  "updated_at": "2016-04-21T18:14:32+00:00"
}
```

PATCH /service/ **service_id** /dictionary/ **dictionary_id** /items

Update DictionaryItem in batch for given service, dictionary ID and key/value pairs for items.
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
PATCH /service/SU1Z0isxPaozGVKXdv0eY/dictionary/5clCytcTJrnvPi8wjqPH0q/items HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/json
Accept: application/json
```

```
{
  "items": [
    {
      "op": "create",
      "item_key": "some_key",
      "item_value": "new_value"
    },
    {
      "op": "update",
      "item_key": "some_key",
      "item_value": "new_value"
    },
    {
      "op": "upsert",
      "item_key": "some_key",
      "item_value": "new_value"
    },
    {
      "op": "delete",
      "item_key": "some_key",
    },
  ]
}
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json


{
  "status": "ok"
}
```

DELETE /service/ **service_id** /dictionary/ **dictionary_id** /item/ **item_key**

Delete DictionaryItem given service, dictionary ID, and item key.
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/dictionary/5clCytcTJrnvPi8wjqPH0q/item/some_key HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json


{
  "status": "ok"
}
```

Diff

See the changes in configuration between two different versions of a service.

Fields

field	type	description
from	*integer*	The version number being diffed from.
to	*integer*	The version number being diffed to.
format	*string*	The format the diff is being returned in (text, html or html_simple).
diff	*string*	The differences between two specified versions.

Actions

GET /service/ **service_id** /diff/from/ **from** /to/ **to**

Get diff between two versions
Authentication

[API token](#) with at least `Billing` [permissions](#).
Parameters

parameter	type	description
from	*integer*	The version to diff from. Can either be a positive number from 1 to your maximum version or a negative numbe latest version etc)
to	*integer*	The version to diff to. Uses same numbering scheme as from.
format	*string*	Optional method to format the diff field. Can either be text (default), html or html_simple.

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/diff/from/1/to/2 HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

GET /service/ **service_id** /diff/from/ **from** /to/ **to**

Get diff between two versions
Authentication

[API token](#) with at least `Billing` [permissions](#).

```
{
    "from": 1,
    "to": 2,
    "format": "text",
    "diff": "
 backends:
 - name: My Backend
     address: backend.example.com
     auto_loadbalance: '0'
     between_bytes_timeout: 10000
     client_cert:
     comment: ''
     connect_timeout: 1000
     first_byte_timeout: 15000
     healthcheck:
     hostname: www.example.com
     ipv4:
     ipv6:
     max_conn: 200
     port: 80
     request_condition: ''
     shield:
     ssl_ca_cert:
     ssl_client_cert:
     ssl_client_key:
     ssl_hostname:
     use_ssl: false
     weight: 100
 cache_settings: []
 comment: ''
 conditions: []
 deployed:
 directors: []
 domains:
 - name: www.example.com
     comment: ''
 gzips: []
-headers: []
+headers:
+- name: Debug
+   action: set
+   cache_condition:
+   dst: http.X-Test
+   ignore_if_set: '0'
+   priority: '10'
+   regex: ''
+   request_condition:
+   response_condition:
+   src: '\"testing\"'
+   substitution: ''
+   type: request
 healthchecks: []
 origins: []
 request_settings: []
 response_objects: []
 service_id: SU1Z0isxPaozGVKXdv0eY
 settings:
     general.default_host: ''
     general.default_ttl: 3600
 snippets: []
 staging:
 syslogs: []
 testing:
 vcls: []
 wordpress: []"
}
```

Director

A Director is responsible for balancing requests among a group of Backends. In addition to simply balancing, Directors can be configured to requests. Additionally, Directors have a quorum setting which can be used to determine when the Director as a whole is considered "up", in whack-a-mole" following an outage as servers come back up.

Fields

field	type	description

field	type	description
backends	*array*	List of backend associated with this director.
capacity	*integer*	Unused.
comment	*string*	Description field.
created_at	*string*	Time-stamp (GMT) when the Director was created.
deleted_at	*string*	Time-stamp (GMT) when the Director was deleted.
name	*string*	Name for the Director.
quorum	*integer*	The percentage of capacity that needs to be up for a director to be considered up. Integer, 0 to 100 (default: 7
service_id	*string*	The alphanumeric string identifying a service.
shield	*string*	Selected POP to serve as a "shield" for origin servers.
type	*integer*	What type of load balance group to use. Integer, 1, 3, or 4. Values: 1=random, 3=hash, 4=client. (default: 1)
updated_at	*string*	Time-stamp (GMT) when the Director was updated.
retries	*integer*	How many backends to search if it fails. (default: 5)
version	*integer*	The current version of a service.

Actions

GET　/service/ **service_id** /version/ **version** /director

List the directors for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/director HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

[
  {
    "backends": [],
    "capacity": 100,
    "comment": "",
    "created_at": "2016-05-04T21:19:41+00:00",
    "deleted_at": null,
    "name": "test-director",
    "quorum": 75,
    "retries": 20,
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "shield": null,
    "type": 1,
    "updated_at": "2016-05-04T21:29:15+00:00",
    "version": 1
  }
]
```

GET　/service/ **service_id** /version/ **version** /director/ **name**

Get the director for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/director/test-director HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "backends": [],
  "capacity": 100,
  "comment": "",
  "created_at": "2016-05-04T21:19:41+00:00",
  "deleted_at": null,
  "name": "test-director",
  "quorum": 75,
  "retries": 10,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "shield": null,
  "type": 1,
  "updated_at": "2016-05-04T21:29:15+00:00",
  "version": 1
}
```

POST /service/ **service_id** /version/ **version** /director

Create a director for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/director HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=test-director
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "backends": [],
  "capacity": 100,
  "comment": "",
  "created_at": "2016-05-04T21:16:22+00:00",
  "deleted_at": null,
  "name": "test-director",
  "quorum": 75,
  "retries": 5,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "shield": null,
  "type": 1,
  "updated_at": "2016-05-04T21:16:22+00:00",
  "version": 1
}
```

PUT /service/ **service_id** /version/ **version** /director/ **name**

Update the director for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/director/test-director HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
      id=updated-director&retries=10
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "backends": [],
  "capacity": 100,
  "comment": "",
  "created_at": "2016-05-04T21:19:41+00:00",
  "deleted_at": null,
  "name": "test-director",
  "quorum": 75,
  "retries": 10,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "shield": null,
  "type": 1,
  "updated_at": "2016-05-04T21:19:41+00:00",
  "version": 1
}
```

DELETE /service/ **service_id** /version/ **version** /director/ **name**

Delete the director for a particular service and version
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/director/test-director HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "status": "ok"
}
```

Director Backend

Maps and relates backends as belonging to directors. Backends can belong to any number of directors but directors can only hold one refe

Fields

field	type	description
backend_name	*string*	Name of the backend to map to the specified director.
created_at	*string*	Time-stamp (GMT) when the relationship was created.
deleted_at	*string*	Time-stamp (GMT) when the relationship was deleted.
director	*string*	Name of the director.
service_id	*string*	The alphanumeric string identifying a service.
updated_at	*string*	Time-stamp (GMT) when the relationship was updated.
version	*integer*	The current version of a service.

Actions

GET /service/ **service_id** /version/ **version** /director/ **director_name** /backend/ **backend_name**

Returns the relationship between a Backend and a Director. If the Backend has been associated with the Director, it returns a simple record returns a 404.

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Parameters

parameter	type	description
director_name	*string*	The director name.

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/director/test-director/backend/test-backend HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json;charset=utf-8

{
  "backend_name": "test-backend",
  "created_at": "2016-05-05T20:26:56+00:00",
  "deleted_at": null,
  "director_name": "test-director",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "updated_at": "2016-05-05T20:26:56+00:00",
  "version": 1
}
```

POST /service/ **service_id** /version/ **version** /director/ **director_name** /backend/ **backend_name**

Establishes a relationship between a Backend and a Director. The Backend is then considered a member of the Director and can be used to

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Parameters

parameter	type	description
director_name	*string*	The director name.

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/director/test-director/backend/test-backend HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json;charset=utf-8

{
  "backend_name": "test-backend",
  "created_at": "2016-05-05T20:24:29+00:00",
  "deleted_at": null,
  "director_name": "test-director",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "updated_at": "2016-05-05T20:24:29+00:00",
  "version": 1
}
```

DELETE /service/ **service_id** /version/ **version** /director/ **director_name** /backend/ **backend_name**

Deletes the relationship between a Backend and a Director. The Backend is no longer considered a member of the Director and thus will not it from this Director.

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Parameters

parameter	type	description

parameter	type	description
director_name	*string*	The director name.

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/director/test-director/backend/test-backend HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json;charset=utf-8


{
   "status": "ok"
}
```

Domain

A domain represents the domain name through which visitors will retrieve content. There can be multiple domains for a service.

Fields

field	type	description
comment	*string*	A personal freeform descriptive note.
name	*string*	The name of the domain or domains associated with this service.
service_id	*string*	The alphanumeric string identifying a service.
version	*integer*	The current version of a service.

Actions

GET /service/ **service_id** /version/ **version** /domain/check_all

Checks the status of all domains' DNS records for a Service Version. Returns an array of 3 items. The first is the details for the domain, the s
CNAME of the domain, and the third is a boolean indicating whether or not it has been properly setup to use Fastly.
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/domain/check_all HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json


[
  [
    {
      "comment": "",
      "name": "www.example.com",
      "service_id": "SU1Z0isxPaozGVKXdv0eY",
      "version": 1
    },
    "global.prod.fastly.net.",
    true
  ]
]
```

GET /service/ **service_id** /version/ **version** /domain/ **name** /check

Checks the status of a specific domain's DNS record for a Service Version. Returns an array in the same format as domain/check_all.
Authentication

API token of a user with at least `Engineer` permissions.

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/domain/www.example.com/check HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ **Response Example**

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
[
  {
    "comment": "",
    "name": "www.example.com",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "version": 1
  },
  "global.prod.fastly.net.",
  true
]
```

GET /service/ **service_id** /version/ **version** /domain

List all the domains for a particular service and version

Authentication

API token of a user with at least `Engineer` permissions.

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/domain HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ **Response Example**

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
[
  {
    "comment": "",
    "name": "www.example.com",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "version": 1
  }
]
```

GET /service/ **service_id** /version/ **version** /domain/ **name**

Get the domain for a particular service and version

Authentication

API token of a user with at least `Engineer` permissions.

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/domain/www.example.com HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ **Response Example**

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "comment": "",
  "name": "www.example.com",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": 1
}
```

POST /service/ **service_id** /version/ **version** /domain

Create a domain for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/domain HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=www.example.com
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "comment": "",
  "name": "www.example.com",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": 1
}
```

PUT /service/ **service_id** /version/ **version** /domain/ **old_name**

Update the domain for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Parameters

parameter	type	description
old_name	*string*	Old name of the domain object (used to select the correct domain object if the name has been changed).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/domain/www.example.com HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=www.updated-example.com
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "comment": "",
  "name": "www.updated-example.com",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": 1
}
```

DELETE /service/ **service_id** /version/ **version** /domain/ **name**

Delete the domain for a particular service and versions
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/domain/test-domain HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "status": "ok"
}
```

Gzip

Gzip configuration allows you to choose resources to automatically compress.

Fields

field	type	description
cache_condition	*string*	The CACHE condition controlling when this gzip configuration applies. This field is optional.
content_types	*string*	Space-separated list of content types to compress. If you omit this field a default list will be used.
extensions	*string*	Space-separated list of file extensions to compress. If you omit this field a default list will be used.
name	*string*	The name of the gzip configuration.
service_id	*string*	The alphanumeric string identifying a service.
version	*integer*	The current version of a service.

Actions

GET /service/ **service_id** /version/ **version** /gzip

List all gzip configurations for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/2/gzip HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

[
  {
    "cache_condition": "",
    "content_types": "text/html text/css application/javascript",
    "extensions": "html css js",
    "name": "gzip-config-name",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "version": "1"
  }
]
```

GET /service/ **service_id** /version/ **version** /gzip/ **name**

Get the gzip configuration for a particular service, version, and name.
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Parameters

parameter	type	description
name	*string*	Name of the gzip object

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/2/gzip/fonts HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json


{
  "cache_condition": "",
  "content_types": "text/html text/css application/javascript",
  "extensions": "html css js",
  "name": "gzip-config-name",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1"
}
```

POST /service/ **service_id** /version/ **version** /gzip

Create a named gzip configuration on a particular service and version
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/2/gzip HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json


name=gzip-config-name \
  &cache_condition= \
  &extensions=html%20css%20js \
  &content_types=text/html%20text/css%20application/javascript
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json


{
  "cache_condition": "",
  "content_types": "text/html text/css application/javascript",
  "extensions": "html css js",
  "name": "gzip-config-name",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1"
}
```

PUT /service/ **service_id** /version/ **version** /gzip/ **old_name**

Update a named gzip configuration on a particular service and version
Authentication

API token of a user with at least `Engineer` permissions.
Parameters

parameter	type	description
old_name	*string*	Old name of the gzip object (used to select the correct gzip object if the name has been changed).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/2/gzip HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json


cache_condition= \
  &extensions=html%20css%20js \
  &content_types=text/html%20text/css%20application/javascript
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "cache_condition": "",
  "content_types": "text/html text/css application/javascript",
  "extensions": "html css js",
  "name": "gzip-config-name",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1"
}
```

DELETE /service/ **service_id** /version/ **version** /gzip/ **name**

Delete a named gzip configuration on a particular service and version

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Parameters

parameter	type	description
name	*string*	Name of the gzip object

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/2/gzip HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "status": "ok"
}
```

Header

Header objects are used to add, modify, or delete headers from requests and responses. The header content can be simple strings or be de
Varnish. Regular expressions can be used to customize the headers even further.

Fields

field	type	description
action	*string*	Accepts a string value, one of:
set	-	Sets (or resets) a header
append	-	Appends to an existing header
delete	-	Delete a header
regex	-	Perform a single regex replacement on a header
regex_repeat	-	Perform a global regex replacement on a header
cache_condition	*string*	Optional name of a CacheCondition to apply.
dst	*string*	Header to set.
ignore_if_set	*integer*	Don't add the header if it is added already. (Only applies to 'set' action)
name	*string*	A handle to refer to this Header object.
priority	*integer*	Lower priorities execute first. (Default: 100.)

field	type	description
regex	*string*	Regular expression to use (Only applies to 'regex' and 'regex_repeat' actions).
request_condition	*string*	Optional name of a RequestCondition to apply.
response_condition	*string*	Optional name of a ResponseCondition to apply.
service_id	*string*	The alphanumeric string identifying a service.
src	*string*	Variable to be used as a source for the header content. (Does not apply to 'delete' action)
substitution	*string*	Value to substitute in place of regular expression. (Only applies to 'regex' and 'regex_repeat')
type	*string*	Accepts a string value, one of:
request	-	Performs on the request before lookup occurs
fetch	-	Performs on the request to the origin server
cache	-	Performs on the response before it's stored in the cache
response	-	Performs on the response before delivering to the client
version	*integer*	The current version of a service.

Actions

GET /service/ **service_id** /version/ **version** /header

Retrieves all Header objects for a particular Version of a Service.
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/header HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

[
  {
    "action": "set",
    "cache_condition": null,
    "dst": "http.foo",
    "ignore_if_set": 0,
    "name": "testheader",
    "priority": "10",
    "regex": "",
    "request_condition": null,
    "response_condition": null,
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "src": "client.ip",
    "substitution": "",
    "type": "request",
    "version": "1"
  }
]
```

GET /service/ **service_id** /version/ **version** /header/ **name**

Retrieves a Header object by name.
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/header/testheader HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "action": "set",
  "cache_condition": null,
  "dst": "http.foo",
  "ignore_if_set": 0,
  "name": "testheader",
  "priority": "10",
  "regex": "",
  "request_condition": null,
  "response_condition": null,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "src": "client.ip",
  "substitution": "",
  "type": "request",
  "version": "1"
}
```

POST /service/ **service_id** /version/ **version** /header

Creates a new Header object.

Authentication

[API token](#) of a user with at least `Engineer` permissions.

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/header HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=testheader&type=request&action=set&dst=http.foo&src=client.ip&ignore_if_set=0&priority=10
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "action": "set",
  "cache_condition": null,
  "dst": "http.foo",
  "ignore_if_set": 0,
  "name": "testheader",
  "priority": "10",
  "regex": "",
  "request_condition": null,
  "response_condition": null,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "src": "client.ip",
  "substitution": "",
  "type": "request",
  "version": "1"
}
```

PUT /service/ **service_id** /version/ **version** /header/ **old_name**

Modifies an existing Header object by name.

Authentication

[API token](#) of a user with at least `Engineer` permissions.

Parameters

parameter	type	description
old_name	*string*	Old name of the header object (used to select the correct header object if the name has been changed).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/header/testheader HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=updatedtestheader&type=fetch&action=append&dst=http.foo&src=client.ip&ignore_if_set=0&priority=10
```

▼ **Response Example**

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "action": "append",
  "cache_condition": null,
  "dst": "http.foo",
  "ignore_if_set": 0,
  "name": "updatedtestheader",
  "priority": "10",
  "regex": "",
  "request_condition": null,
  "response_condition": null,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "src": "client.ip",
  "substitution": "",
  "type": "fetch",
  "version": "1"
}
```

DELETE /service/ **service_id** /version/ **version** /header/ **name**

Deletes a Header object by name.
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/header/testheader HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ **Response Example**

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "status": "ok"
}
```

Healthcheck

Healthchecks are used to customize the way Fastly checks on your Backends. If an origin server is marked unhealthy due to health checks, to send requests to it. If all origin servers are marked unhealthy, Fastly will attempt to serve stale. If no stale object is available, a 503 will be

Fields

field	type	description
check_interval	integer	How often to run the healthcheck in milliseconds.
comment	string	A comment.
expected_response	integer	The status code expected from the host.
host	string	Which host to check.
http_version	integer	Whether to use version 1.0 or 1.1 HTTP.
initial	integer	When loading a config, the initial number of probes to be seen as OK.

field	type	description
method	*string*	Which HTTP method to use.
name	*string*	The name of the healthcheck.
path	*string*	The path to check.
service_id	*string*	The alphanumeric string identifying a service.
threshold	*integer*	How many healthchecks must succeed to be considered healthy.
timeout	*integer*	Timeout in milliseconds.
version	*integer*	The current version of a service.
window	*integer*	The number of most recent healthcheck queries to keep for this healthcheck.

Actions

GET /service/ **service_id** /version/ **version** /healthcheck

List all of the healthchecks for a particular service and version

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/healthcheck HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json


[
  {
    "check_interval": 5000,
    "comment": "",
    "expected_response": 200,
    "host": "example.com",
    "http_version": "1.1",
    "initial": 2,
    "method": "HEAD",
    "name": "example-healthcheck",
    "path": "/test.txt",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "threshold": 3,
    "timeout": 500,
    "version": 1,
    "window": 5
  }
]
```

GET /service/ **service_id** /version/ **version** /healthcheck/ **name**

Get the healthcheck for a particular service and version

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/healthcheck/example-healthcheck HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "check_interval": 5000,
  "comment": "",
  "expected_response": 200,
  "host": "example.com",
  "http_version": "1.1",
  "initial": 2,
  "method": "HEAD",
  "name": "example-healthcheck",
  "path": "/test.txt",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "threshold": 3,
  "timeout": 500,
  "version": 1,
  "window": 5
}
```

POST /service/ **service_id** /version/ **version** /healthcheck

Create a healthcheck for a particular service and version

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/healthcheck HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencod
Accept: application/json
```

```
name=example-healthcheck&host=example.com&path=/test.txt
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "check_interval": 5000,
  "comment": "",
  "expected_response": 200,
  "host": "example.com",
  "http_version": "1.1",
  "initial": 2,
  "method": "HEAD",
  "name": "example-healthcheck",
  "path": "/test.txt",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "threshold": 3,
  "timeout": 500,
  "version": 1,
  "window": 5
}
```

PUT /service/ **service_id** /version/ **version** /healthcheck/ **old_name**

Update the healthcheck for a particular service and version

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Parameters

parameter	type	description
old_name	*string*	Old name of the healthcheck object (used to select the correct healthcheck object if the name has been change

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/healthcheck/example-healthcheck HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencode
Accept: application/json
```

```
name=updated-healthcheck
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "check_interval": 5000,
  "comment": "",
  "expected_response": 200,
  "host": "example.com",
  "http_version": "1.1",
  "initial": 2,
  "method": "HEAD",
  "name": "updated-healthcheck",
  "path": "/test.txt",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "threshold": 3,
  "timeout": 500,
  "version": 1,
  "window": 5
}
```

DELETE   /service/ **service_id** /version/ **version** /healthcheck/ **name**

Delete the healthcheck for a particular service and version
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/healthcheck/test-healthcheck HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "status": "ok"
}
```

Request Settings

Settings used to customize Fastly's request handling. When used with Conditions the Request Settings object allows you to fine tune how s
handled.

Fields

field	type	description
action	*string*	Allows you to terminate request handling and immediately perform an action. When set it can be *look* cache completely).
bypass_busy_wait	*boolean*	Disable collapsed forwarding, so you don't wait for other objects to origin.
default_host	*string*	Sets the host header.
force_miss	*boolean*	Allows you to force a cache miss for the request. Replaces the item in the cache if the content is cac
force_ssl	*boolean*	Forces the request use SSL (redirects a non-SSL to SSL).
geo_headers	*boolean*	Injects Fastly-Geo-Country, Fastly-Geo-City, and Fastly-Geo-Region into the request headers.
hash_keys	*string*	Comma separated list of varnish request object fields that should be in the hash key.
max_stale_age	*integer*	How old an object is allowed to be to serve stale-if-error or stale-while-revalidate.

field	type	description
name	*string*	Name for the request settings.
request_condition	*string*	Name of condition object used to test whether or not these settings should be used.
service_id	*string*	The alphanumeric string identifying a service.
timer_support	*boolean*	Injects the X-Timer info into the request for viewing origin fetch durations.
version	*integer*	The current version of a service.
xff	*string*	Short for X-Forwarded-For, should be *clear*, *leave*, *append*, *append_all*, or *overwrite*.

Actions

GET /service/ **service_id** /version/ **version** /request_settings

Returns a list of all Request Settings objects for the given service and version.
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/request_settings HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

[
  {
    "action": "lookup",
    "bypass_busy_wait": "0",
    "default_host": null,
    "force_miss": "0",
    "force_ssl": "1",
    "geo_headers": "1",
    "hash_keys": "null",
    "max_stale_age": "60",
    "name": "testrequest",
    "request_condition": "",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "timer_support": "0",
    "version": "1",
    "xff": "append"
  }
]
```

GET /service/ **service_id** /version/ **version** /request_settings/ **name**

Gets the specified Request Settings object.
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/request_settings/testrequest HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "action": "lookup",
  "bypass_busy_wait": "0",
  "default_host": null,
  "force_miss": "0",
  "force_ssl": "1",
  "geo_headers": "1",
  "hash_keys": "null",
  "max_stale_age": "60",
  "name": "testrequest",
  "request_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "timer_support": "0",
  "version": "1",
  "xff": "append"
}
```

POST /service/ **service_id** /version/ **version** /request_settings

Creates a new Request Settings object.
Authentication

[API token](#) of a user with at least `Engineer` permissions.

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/request_settings HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
hash_keys=null&action=lookup&xff=append&force_miss=0&timer_support=0&force_ssl=1&geo_headers=1&name=testrequest&bypass_busy_wa
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "action": "lookup",
  "bypass_busy_wait": 0,
  "default_host": null,
  "force_miss": 0,
  "force_ssl": 1,
  "geo_headers": 1,
  "hash_keys": "null",
  "max_stale_age": "60",
  "name": "testrequest",
  "request_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "timer_support": 0,
  "version": "1",
  "xff": "append"
}
```

PUT /service/ **service_id** /version/ **version** /request_settings/ **old_name**

Updates the specified Request Settings object.
Authentication

[API token](#) of a user with at least `Engineer` permissions.

Parameters

parameter	type	description
old_name	*string*	Old name of the Request Settings object (used to select the correct Request Settings object if the name has be

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/request_settings/testrequest HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
hash_keys=null&action=lookup&xff=append&force_miss=0&timer_support=0&force_ssl=1&geo_headers=1&name=updated-
testrequest&bypass_busy_wait=0&max_stale_age=60
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "action": "lookup",
  "bypass_busy_wait": 0,
  "default_host": null,
  "force_miss": 0,
  "force_ssl": 1,
  "geo_headers": 1,
  "hash_keys": "null",
  "max_stale_age": "60",
  "name": "updated-testrequest",
  "request_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "timer_support": 0,
  "version": "1",
  "xff": "append"
}
```

DELETE /service/ **service_id** /version/ **version** /request_settings/ **name**

Removes the specified Request Settings object.

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/request_settings/testrequest HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "status": "ok"
}
```

Response Object

Allows you to create synthetic responses that exist entirely on the varnish machine. Useful for creating error or maintenance pages that exis datacenter. Best when used with [Condition](#) objects.

Fields

field	type	description
cache_condition	*string*	Name of the condition checked after we have retrieved an object. If the condition passes then deliver t instead.
content	*string*	The content to deliver for the response object, can be empty.
content_type	*string*	The MIME type of the content, can be empty.
name	*string*	Name that identifies the Response Object.
status	*string*	The HTTP Status Code, defaults to 200.
response	*string*	The HTTP Response, defaults to "Ok"
request_condition	*string*	Name of the condition to be checked during the request phase. If the condition passes then this objec
service_id	*string*	The alphanumeric string identifying a service.

field	type	description
version	*integer*	The current version of a service.

Actions

GET /service/ **service_id** /version/ **version** /response_object

Returns all Response Objects for the specified service and version.
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/response_object HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

[
  {
    "cache_condition": "",
    "content": "this message means all is okay",
    "content_type": "text/plain",
    "name": "testresponse",
    "request_condition": "",
    "response": "Ok",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "status": "200",
    "version": "1"
  }
]
```

GET /service/ **service_id** /version/ **version** /response_object/ **name**

Gets the specified Response Object.
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/response_object/testresponse HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "cache_condition": "",
  "content": "this message means all is okay",
  "content_type": "text/plain",
  "name": "testresponse",
  "request_condition": "",
  "response": "Ok",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "status": "200",
  "version": "1"
}
```

POST /service/ **service_id** /version/ **version** /response_object

Creates a new Response Object.
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/response_object HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
status=200&response=Ok&name=testresponse&content=this+message+means+all+is+okay
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "cache_condition": "",
  "content": "this message means all is okay",
  "content_type": null,
  "name": "testresponse1",
  "request_condition": "",
  "response": "Ok",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "status": "200",
  "version": "1"
}
```

PUT /service/ **service_id** /version/ **version** /response_object/ **old_name**

Updates the specified Response Object.

Authentication

API token of a user with at least `Engineer` permissions.

Parameters

parameter	type	description
old_name	*string*	Old name of the Response object (used to select the correct Response object if the name has been changed).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/response_object/testresponse HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
status=200&response=Ok&name=testresponse&content=THIS+MESSAGE+MEANS+ALL+IS+OKAY
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "cache_condition": "",
  "content": "THIS MESSAGE MEANS ALL IS OKAY",
  "content_type": null,
  "name": "testresponse",
  "request_condition": "",
  "response": "Ok",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "status": "200",
  "version": "1"
}
```

DELETE /service/ **service_id** /version/ **version** /response_object/ **name**

Deletes the specified Response Object.

Authentication

API token of a user with at least `Engineer` permissions.

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/response_object/testresponse HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "status": "ok"
}
```

Service

A Service represents the configuration for a website, app, API, or anything else to be served through Fastly. A Service can have many Versio... Backends, Domains, and more can be configured.

Fields

field	type	description
active	*boolean*	Indicates if the version is active for this service.
active_version	*array*	List of configuration for active version of a service.
backends	*array*	List of backend associated to this service.
cache_settings	*array*	List of cache_settings associated to this service.
comment	*string*	Description field.
conditions	*array*	List of conditions associated to this service.
created_at	*string*	Time-stamp (GMT) when the service was created.
customer_id	*string*	Which customer this service belongs to.
deployed	*boolean*	Indicates if the version has been deployed.
directors	*array*	List of directors associated to this service.
domain	*array*	List of domains associated to this service.
gzips	*array*	List of gzip rules associated to this service.
headers	*array*	List of headers associated to this service.
healthchecks	*array*	List of healthchecks associated to this service.
locked	*boolean*	Indicates if this version is locked and uneditable.
logging_syslog	*array*	List of logging services associated to this service.
number	*integer*	Current version number of this service.
request_settings	*array*	List of request_settings for this service.
response_objects	*array*	List of response_objects for this service.
name	*string*	The name of this service.
publish_key	*string*	What key to use for the publish streams.
service_id	*string*	The alphanumeric string identifying a service.
settings	*array*	List of default settings for this service.

field	type	description
staging	*boolean*	Unused at this time.
testing	*boolean*	Unused at this time.
updated_at	*string*	Time-stamp (GMT) when the service was updated. This Time-stamp is not updated when dependent only when attributes of the service itself are updated.
vcls	*array*	List of VCL for this service.
version	*integer*	The current version of this service.
versions	*array*	A list of versions associated with this service.
wordpress	*array*	A list of wordpress rules with this service.

Actions

GET /service

List Services
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

[
  {
    "comment": "",
    "customer_id": "x4xCwxxJxGCx123Rx5xTx",
    "id": "SU1Z0isxPaozGVKXdv0eY",
    "name": "test service",
    "version": 1,
    "versions": [
      {
        "active": null,
        "comment": "",
        "created_at": "2016-04-27T19:40:49",
        "deleted_at": null,
        "deployed": null,
        "locked": "1",
        "number": "1",
        "service": "SU1Z0isxPaozGVKXdv0eY",
        "service_id": "SU1Z0isxPaozGVKXdv0eY",
        "staging": null,
        "testing": null,
        "updated_at": "2016-05-09T16:27:00"
      }
    ]
  }
]
```

GET /service/ **id** /details

List detailed information on a specified service
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/details HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "acls": [],
  "active_version": {
    "active": true,
    "backends": [],
    "cache_settings": [],
    "comment": "",
    "conditions": [],
    "deployed": true,
    "dictionaries": [],
    "directors": [],
    "domains": [],
    "gzips": [],
    "headers": [],
    "healthchecks": [],
    "locked": true,
    "number": 1,
    "request_settings": [],
    "response_objects": [],
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "settings": {
        "general.default_host": "",
        "general.default_pci": 0,
        "general.default_ttl": 3600
    },
    "staging": true,
    "testing": true,
    "vcls": [],
    "wordpress": []
  },
  "comment": "",
  "customer_id": "x4xCwxxJxGCx123Rx5xTx",
  "id": "SU1Z0isxPaozGVKXdv0eY",
  "name": "test service"
}
```

GET /service/search

Get a specific service by name
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
GET /service/search?name=test-service HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "comment": "",
  "customer_id": "x4xCwxxJxGCx123Rx5xTx",
  "id": "SU1Z0isxPaozGVKXdv0eY",
  "name": "test-service",
  "versions": [
    {
      "active": "1",
      "backend": [],
      "cache_settings": [],
      "comment": "",
      "condition": [],
      "created": "2016-04-27 19:40:52",
      "deleted": "0000-00-00 00:00:00",
      "deployed": "1",
      "director": [],
      "domain": [],
      "gzip": [],
      "header": [],
      "healthcheck": [],
      "locked": "1",
      "logging_syslog": [],
      "number": "2",
      "request_settings": [],
      "response_object": [],
      "service_id": "SU1Z0isxPaozGVKXdv0eY",
      "settings": {
          "general.default_host": "",
          "general.default_pci": 0,
          "general.default_ttl": 3600
      },
      "staging": "1",
      "testing": "1",
      "updated": "2016-05-09 16:28:18",
      "vcl": [],
      "waf": [],
      "wordpress": []
    }
  ]
}
```

GET /service/ **id**

Get a specific service by id
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "comment": "",
  "created_at": "2016-04-27T19:40:49+00:00",
  "customer_id": "x4xCwxxJxGCx123Rx5xTx",
  "deleted_at": null,
  "id": "SU1Z0isxPaozGVKXdv0eY",
  "name": "test-service",
  "publish_key": "3c18bd0f5ada8f0cf54724d86c514a8eac4c9b75",
  "updated_at": "2016-04-27T19:40:49+00:00",
  "versions": [
    {
      "active": null,
      "backend": 1,
      "comment": "",
      "created_at": "2016-04-27T19:40:49",
      "deleted_at": null,
      "deployed": null,
      "locked": "1",
      "number": "1",
      "service": "SU1Z0isxPaozGVKXdv0eY",
      "service_id": "SU1Z0isxPaozGVKXdv0eY",
      "staging": null,
      "testing": null,
      "updated_at": "2016-05-09T16:27:00"
    }
  ]
}
```

GET /service/ **id** /domain

List the domains within a service
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/domain HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
[
  {
    "comment": "",
    "locked": true,
    "name": "www.example.com",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "version": 1
  }
]
```

POST /service

Create a service
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Request Example

```
POST /service HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=test-service
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "comment": "",
  "created_at": "2016-05-09T20:46:46+00:00",
  "customer_id": "x4xCwxxJxGCx123Rx5xTx",
  "deleted_at": null,
  "id": "SU1Z0isxPaozGVKXdv0eY",
  "name": "test-service",
  "publish_key": "6c8a846405a7293dd13c0c7291ebf011fa4354e3",
  "updated_at": "2016-05-09T20:46:46+00:00",
  "versions": [
    {
      "active": null,
      "backend": 0,
      "comment": "",
      "created_at": "2016-05-09T20:46:46",
      "deleted_at": null,
      "deployed": null,
      "locked": "0",
      "number": "1",
      "service": "SU1Z0isxPaozGVKXdv0eY",
      "service_id": "SU1Z0isxPaozGVKXdv0eY",
      "staging": null,
      "testing": null,
      "updated_at": "2016-05-09T20:46:46"
    }
  ]
}
```

PUT /service/ **id**

Update a service
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=updated-service-name
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "comment": "",
  "created_at": "2016-05-09T20:46:46+00:00",
  "customer_id": "x4xCwxxJxGCx123Rx5xTx",
  "deleted_at": null,
  "id": "SU1Z0isxPaozGVKXdv0eY",
  "name": "updated-test-service",
  "publish_key": "6c8a846405a7293dd13c0c7291ebf011fa4354e3",
  "updated_at": "2016-05-09T20:46:46+00:00",
  "versions": [
    {
      "active": null,
      "backend": 0,
      "comment": "",
      "created_at": "2016-05-09T20:46:46",
      "deleted_at": null,
      "deployed": null,
      "locked": "0",
      "number": "1",
      "service": "SU1Z0isxPaozGVKXdv0eY",
      "service_id": "SU1Z0isxPaozGVKXdv0eY",
      "staging": null,
      "testing": null,
      "updated_at": "2016-05-09T20:46:46"
    }
  ]
}
```

DELETE /service/ **id**

Delete a service
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "status": "ok"
}
```

Settings

Handles default settings for a particular version of a service.

Fields

field	type	description
general.default_host	string	The default host name for the version.
general.default_ttl	integer	The default time-to-live (TTL) for the version.
general.stale_if_error	boolean	Enables serving a stale object if there is an error. Default: false.
general.stale_if_error_ttl	integer	The default time-to-live (TTL) for serving the stale object for the version. Default: 43200 second
service_id	string	The alphanumeric string identifying a service.
version	integer	The current version of a service.

Actions

GET /service/ **service_id** /version/ **version** /settings

Get the settings for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/settings HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "general.default_host": "",
  "general.default_ttl": 3600,
  "general.stale_if_error": false,
  "general.stale_if_error_ttl": 43200,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": 1
}
```

PUT /service/ **service_id** /version/ **version** /settings

Update the settings for a particular service and version.

NOTE: If you override TTLs with custom VCL, any `general.default_ttl` value will not be honored and the expected behavior may change

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/settings HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

```
general.default_ttl=4242&general.default_host=www.example.com
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "general.default_host": "www.example.com",
  "general.default_ttl": 7200,
  "general.stale_if_error": false,
  "general.stale_if_error_ttl": 43200,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": 1
}
```

Stats

Stats give you information on the usage and performance of your Service. They can be request by Service and over a particular time span. S datacenter, giving you information on how your Services are being used across the world. There is now a more flexible, and fully featured St

Fields

field	type	description
start_time	*integer*	Epoch timestamp for period request
end_time	*integer*	Epoch timestamp for period request
year	*integer*	Summarize a specific Y/M (requires month)
month	*integer*	Summarize a specific month (requires year)

Actions

GET /service/ **service_id** /stats/summary

Get the stats from a service for a block of time. This lists all stats by PoP location, starting with AMS. This call **requires** parameters to selec either a timestamp range (using **start_time** and **end_time**) or a specified month/year combo (using **month** and **year**)

Authentication

[API token](#) with at least `Billing` [permissions](#).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/stats/summary?year=2013&month=7 HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "stats": {
    "AMS": {
      "attack_block": 0,
      "attack_body_size": 0,
      "attack_header_size": 0,
      "attack_synth": 0,
      "blacklist": 0,
      "body_size": 47156,
      "header_size": 2548,
      "hits": 0,
      "hits_time": 0.0,
      "http2": 0,
      "imgopto": 0,
      "ipv6": 0,
      "log": 0,
      "miss": 0,
      "miss_time": 0.0,
      "orig_req_body_size": 0,
      "orig_req_header_size": 0,
      "orig_resp_body_size": 0,
      "orig_resp_header_size": 0,
      "otfp": 0,
      "pass": 3,
      "pci": 0,
      "pipe": 0,
      "requests": 3,
      "shield": 0,
      "status_1xx": 0,
      "status_200": 3,
      "status_204": 0,
      "status_2xx": 3,
      "status_301": 0,
      "status_302": 0,
      "status_304": 0,
      "status_3xx": 0,
      "status_4xx": 0,
      "status_503": 0,
      "status_5xx": 0,
      "synth": 0,
      "tls": 0,
      "uncacheable": 0,
      "video": 0
    },
    "additional_data_centers": {}
  }
}
```

VCL

A VCL is a Varnish configuration file used to customize the configuration for a Service.

Fields

field	type	description
content	*string*	The VCL code to be included.
main	*boolean*	Set to true when this is the main VCL, otherwise false.
name	*string*	The name of this VCL.
service_id	*string*	The alphanumeric string identifying a service.
version	*integer*	The current version of a service.

Actions

GET /service/ **service_id** /version/ **version** /vcl

List the uploaded VCLs for a particular service and version

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/vcl HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

[
  {
    "content": "backend default {\n  .host = \"127.0.0.1\";\n  .port = \"9092\";\n}\n\nsub vcl_recv {\n    set req.backend = c
vcl_hash {\n    set req.hash += req.url;\n    set req.hash += req.http.host;\n    set req.hash += \"0\";\n}",
    "main": false,
    "name": "test-vcl",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "version": 1
  }
]
```

GET /service/ **service_id** /version/ **version** /boilerplate

Return boilerplate VCL with the service's TTL from the [settings](#).
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/boilerplate HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: text/html;charset=utf8

*VCL*
```

GET /service/ **service_id** /version/ **version** /vcl/ **name**

Get the uploaded VCL for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Parameters

parameter	type	description
no_content	*boolean*	Omit VCL content (default 0)

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/vcl/test-vcl HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "content": "backend default {\n  .host = \"127.0.0.1\";\n  .port = \"9092\";\n}\n\nsub vcl_recv {\n    set req.backend = def
vcl_hash {\n    set req.hash += req.url;\n    set req.hash += req.http.host;\n    set req.hash += \"0\";\n}",
  "main": false,
  "name": "test-vcl",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": 1
}
```

GET /service/ **service_id** /version/ **version** /vcl/ **name** /content

Get the uploaded VCL for a particular service and version with HTML syntax highlighting Include line numbers by sending `lineno=true` as

Authentication

[API token](#) of a user with at least `Engineer` permissions.

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/vcl/test-vcl/content HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
    "content": "<div class=\"highlight\"><pre>  <span class=\"n\">backend</span> <span class=\"n\">default</span> <span class=
<span class=\"o\">.</span><span class=\"n\">host</span> <span class=\"o\">=</span> <span class=\"s\">&quot;127.0.0.1&quot;</sp
</span>\n     <span class=\"o\">.</span><span class=\"n\">port</span> <span class=\"o\">=</span> <span class=\"s\">&quot;80&quo
class=\"p\">;</span>\n  <span class=\"p\">}</span>\n  \n  <span class=\"k\">sub </span><span class=\"nf\">vcl_recv</span> <spa
{</span>\n      <span class=\"n\">set</span> <span class=\"n\">req</span><span class=\"o\">.</span><span class=\"n\">backend</
class=\"o\">=</span> <span class=\"n\">default</span><span class=\"p\">;</span>\n  <span class=\"p\">}</span>\n  \n  <span cla
<span class=\"nf\">vcl_hash</span> <span class=\"p\">{</span>\n      <span class=\"n\">set</span> <span class=\"n\">req</span>
</span><span class=\"n\">hash</span> <span class=\"o\">+=</span> <span class=\"n\">req</span><span class=\"o\">.</span><span c
<span class=\"p\">;</span>\n      <span class=\"n\">set</span> <span class=\"n\">req</span><span class=\"o\">.</span><span cla
<span class=\"o\">+=</span> <span class=\"n\">req</span><span class=\"o\">.</span><span class=\"n\">http</span><span class=\"c
class=\"n\">host</span><span class=\"p\">;</span>\n      <span class=\"n\">set</span> <span class=\"n\">req</span><span class=
class=\"n\">hash</span> <span class=\"o\">+=</span> <span class=\"s\">&quot;0&quot;</span><span class=\"p\">;</span>\n  <span
</span>\n</pre></div>\n"
}
```

GET /service/ **service_id** /version/ **version** /vcl/ **name** /download

Download the specified VCL

Authentication

[API token](#) of a user with at least `Engineer` permissions.

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/vcl/test-vcl/download HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: text/plain
```

```
*VCL*
```

GET /service/ **service_id** /version/ **version** /generated_vcl

Display the generated VCL for a particular service and version

Authentication

[API token](#) of a user with at least `Engineer` permissions.

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/generated_vcl HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "content": "backend default {\n  .host = \"127.0.0.1\";\n  .port = \"9093\";\n}\n\nsub vcl_recv {\n   set req.backend = def
vcl_hash {\n   set req.hash += req.url;\n   set req.hash += req.http.host;\n   set req.hash += \"0\";\n}",
  "main": false,
  "name": "c46e2d848a9d3d9e86b85bd1b71616b7",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1"
}
```

GET /service/ **service_id** /version/ **version** /generated_vcl/content

Display the content of generated VCL with HTML syntax highlighting Include line numbers by sending `lineno=true` as a request parameter
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/generated_vcl/content HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
    "content": "<div class=\"highlight\"><pre>  <span class=\"n\">backend</span> <span class=\"n\">default</span> <span class=\"
class=\"o\">.</span><span class=\"n\">host</span> <span class=\"o\">=</span> <span class=\"s\">&quot;127.0.0.1&quot;</span><sp
</span>\n      <span class=\"o\">.</span><span class=\"n\">port</span> <span class=\"o\">=</span> <span class=\"s\">&quot;80&quo
class=\"p\">;</span>\n  <span class=\"p\">}</span>\n  \n  <span class=\"k\">sub </span><span class=\"nf\">vcl_recv</span> <spa
{</span>\n       <span class=\"n\">set</span> <span class=\"n\">req</span><span class=\"o\">.</span><span class=\"n\">backend</
class=\"o\">=</span> <span class=\"n\">default</span><span class=\"p\">;</span>\n  <span class=\"p\">}</span>\n  \n  <span cla
<span class=\"nf\">vcl_hash</span> <span class=\"p\">{</span>\n       <span class=\"n\">set</span> <span class=\"n\">req</span>
</span><span class=\"n\">hash</span> <span class=\"o\">+=</span> <span class=\"n\">req</span><span class=\"o\">.</span><span c
<span class=\"p\">;</span>\n      <span class=\"n\">set</span> <span class=\"n\">req</span><span class=\"o\">.</span><span cla
<span class=\"o\">+=</span> <span class=\"n\">req</span><span class=\"o\">.</span><span class=\"n\">http</span><span class=\"o
class=\"n\">host</span><span class=\"p\">;</span>\n       <span class=\"n\">set</span> <span class=\"n\">req</span><span class=
class=\"n\">hash</span> <span class=\"o\">+=</span> <span class=\"s\">&quot;0&quot;</span><span class=\"p\">;</span>\n  <span
</span>\n</pre></div>\n"
}
```

POST /service/ **service_id** /version/ **version** /vcl

Upload a VCL for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/vcl HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=test-vcl&content=<URL-encoded VCL code>
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
    "content": "backend default {\n  .host = \"127.0.0.1\";\n  .port = \"9092\";\n}\n\nsub vcl_recv {\n    set req.backend = def
vcl_hash {\n    set req.hash += req.url;\n    set req.hash += req.http.host;\n    set req.hash += \"0\";\n}",
    "main": false,
    "name": "test-vcl",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "version": 1
}
```

PUT /service/ **service_id** /version/ **version** /vcl/ **name** /main

Set the specified VCL as the main
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/vcl/test-vcl/main HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "content": "backend default {\n  .host = \"127.0.0.1\";\n  .port = \"9092\";\n}\n\nsub vcl_recv {\n    set req.backend = def
vcl_hash {\n    set req.hash += req.url;\n    set req.hash += req.http.host;\n    set req.hash += \"0\";\n}",
  "main": true,
  "name": "test-vcl",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": 1
}
```

PUT /service/ **service_id** /version/ **version** /vcl/ **old_name**

Update the uploaded VCL for a particular service and version

Authentication

[API token] of a user with at least `Engineer` [permissions].

Parameters

parameter	type	description
old_name	*string*	Old name of the VCL object (used to select the correct VCL object if the name has been changed).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/vcl/test-vcl HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
content=<URL-encoded VCL code>
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "content": "backend default {\n  .host = \"127.0.0.1\";\n  .port = \"9092\";\n}\n\nsub vcl_recv {\n    set req.backend = def
vcl_hash {\n    set req.hash += req.url;\n    set req.hash += req.http.host;\n    set req.hash += \"0\";\n}",
  "main": false,
  "name": "test-vcl",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": 1
}
```

DELETE /service/ **service_id** /version/ **version** /vcl/ **name**

Delete the uploaded VCL for a particular service and version

Authentication

[API token] of a user with at least `Engineer` [permissions].

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/vcl/test-vcl HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "status": "ok"
}
```

VCL Snippets

VCL Snippets are blocks of VCL logic inserted into your service's configuration that don't require custom VCL.

Fields

field	type	description
name	*string*	The name for the snippet.
dynamic	*integer*	Sets the snippet version to regular (`0`) or dynamic (`1`).
type	*string*	The location in generated VCL where the snippet should be placed.
init	-	Place the snippet above all subroutines.
recv	-	Place the snippet within the vcl_recv subroutine but below the boilerplate VCL and above any objects.
hit	-	Place the snippet within the vcl_hit subroutine.
miss	-	Place the snippet within the vcl_miss subroutine.
pass	-	Place the snippet within the vcl_pass subroutine.
fetch	-	Place the snippet within the vcl_fetch subroutine.
error	-	Place the snippet within the vcl_error subroutine.
deliver	-	Place the snippet within the vcl_deliver subroutine.
log	-	Place the snippet within the vcl_log subroutine.
none	-	Don't render the snippet in VCL so it can be manually included in custom VCL.
content	*string*	The VCL code that specifies exactly what the snippet does.
priority	*integer*	Priority determines the ordering for multiple snippets. Lower numbers execute first.

Actions

GET /service/ **service_id** /snippet/ **snippet_id**

Get a single dynamic snippet for a particular service.
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/snippet/SU1Z0isxPaozGVKXdv0eY HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "snippet_id": "3SjAjcCc6e5gXkxBc44fIB",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "content": "{}",
  "created_at": "2016-08-15T09:37:10+00:00",
  "updated_at": "2016-08-15T09:37:10+00:00"
}
```

GET /service/ **service_id** /version/ **version** /snippet

List all snippets for a particular service and version.
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/snippet HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
[
  {
    "id": "62Yd1WfiCBPENLloXfXmlO",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "version": "1",
    "name": "my_snippet",
    "priority": "100",
    "dynamic": "1",
    "type": "hit",
    "content": null,
    "created_at": "2016-08-15T09:37:10+00:00",
    "updated_at": "2016-08-15T09:37:10+00:00",
    "deleted_at": null
  }
]
```

GET /service/ **service_id** /version/ **version** /snippet/ **name**

Get a single snippet for a particular service and version.

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/snippet/my_snippet HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "id": "62Yd1WfiCBPENLloXfXmlO",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "name": "my_snippet",
  "priority": "100",
  "dynamic": "1",
  "type": "hit",
  "content":null,
  "created_at": "2016-08-15T09:37:10+00:00",
  "updated_at": "2016-08-15T09:37:10+00:00",
  "deleted_at": null
}
```

POST /service/ **service_id** /version/ **version** /snippet

Create a snippet for a particular service and version.

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/snippet HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=my_snippet&dynamic=1&type=hit&content={}
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "id": "62Yd1WfiCBPENLloXfXmlO",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "name": "my_snippet",
  "priority": "100",
  "dynamic": "1",
  "type": "hit",
  "content":null,
  "created_at": "2016-08-15T09:37:10+00:00",
  "updated_at": "2016-08-15T09:37:10+00:00",
  "deleted_at": null
}
```

PUT /service/ **service_id** /snippet/ **snippet_id**

Update a dynamic snippet for a particular service.

Authentication

API token of a user with at least `Engineer` permissions.

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/snippet/62Yd1WfiCBPENLloXfXmlO HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
content="backend new_backend {}"
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "snippet_id": "62Yd1WfiCBPENLloXfXmlO",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "content": "backend new_backend {}",
  "created_at": "2016-08-15T09:37:10+00:00",
  "updated_at": "2016-08-15T09:42:10+00:00"
}
```

PUT /service/ **service_id** /version/ **version** /snippet/ **old_name**

Update a specific snippet for a particular service and version.

Authentication

API token of a user with at least `Engineer` permissions.

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/snippet/my_snippet HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=new_snippet_name
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "id": "62Yd1WfiCBPENLloXfXmlO",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "name": "new_snippet_name",
  "priority": "100",
  "dynamic": "1",
  "type": "hit",
  "content": null,
  "created_at": "2016-08-15T09:37:10+00:00",
  "updated_at": "2016-08-15T09:47:10+00:00",
  "deleted_at": null
}
```

DELETE   /service/ **service_id** /version/ **version** /snippet/ **name**

Delete a specific snippet for a particular service and version.
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/snippet/my_snippet HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json


{
  "status": "ok"
}
```

Version

A Version represents a specific instance of the configuration for a service. A Version can be cloned, locked, activated, or deactivated.

Fields

field	type	description
active	*boolean*	Whether this is the active version or not.
comment	*string*	A comment.
created_at	*string*	Time-stamp (GMT) when the version was created.
deleted_at	*string*	Time-stamp (GMT) when the version was deleted.
deployed	*boolean*	Whether or not this version is deployed.
locked	*boolean*	Whether this version is locked or not. Objects can not be added or edited on locked versions.
number	*integer*	The number of this version.
service_id	*string*	The alphanumeric string identifying a service.
staging	*boolean*	Whether or not this version is for staging.
testing	*boolean*	Whether or not this version is for testing.
updated_at	*string*	Time-stamp (GMT) when the version was updated.

Actions

GET   /service/ **service_id** /version

List the versions for a particular service.
Authentication

[API token](#) with at least `Billing` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

[
  {
    "active": true,
    "comment": "",
    "created_at": "2016-05-01T19:40:49+00:00",
    "deleted_at": null,
    "deployed": null,
    "locked": true,
    "number": 1,
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "staging": null,
    "testing": null,
    "updated_at": "2016-05-09T16:19:09+00:00"
  }
]
```

GET /service/ **service_id** /version/ **number**

Get the version for a particular service.
Authentication

[API token](#) with at least `Billing` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1 HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
    "active": true,
    "comment": "",
    "created_at": "2016-05-01T19:40:49+00:00",
    "deleted_at": null,
    "deployed": null,
    "locked": true,
    "number": 1,
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "staging": null,
    "testing": null,
    "updated_at": "2016-05-09T16:19:09+00:00"
}
```

GET /service/ **service_id** /version/ **number** /validate

Validate the version for a particular service and version.
Authentication

[API token](#) with at least `Billing` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/validate HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "status": "ok"
}
```

POST /service/ **service_id** /version

Create a version for a particular service.
Authentication

[API token](#) with at least `Billing` [permissions](#).
Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "number":1,
  "service_id": "SU1Z0isxPaozGVKXdv0eY"
}
```

PUT /service/ **service_id** /version/ **number**

Update a particular version for a particular service.
Authentication

[API token](#) with at least `Billing` [permissions](#).
Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1 HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json

deployed=true&staging=true&testing=true
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "active": null,
  "comment": "",
  "created_at": "2016-05-01T19:40:51+00:00",
  "deleted_at": null,
  "deployed": true,
  "locked": false,
  "number": 1,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "staging": true,
  "testing": true,
  "updated_at": "2016-05-09T16:19:09+00:00"
}
```

PUT /service/ **service_id** /version/ **number** /activate

Activate the current version.
Authentication

[API token](#) with at least `Billing` [permissions](#).
Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/activate HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "active": true,
  "comment": "",
  "created_at": "2016-05-01T19:40:51+00:00",
  "deleted_at": null,
  "deployed": true,
  "locked": true,
  "number": 1,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "staging": true,
  "testing": true,
  "updated_at": "2016-05-09T16:19:09+00:00"
}
```

PUT /service/ **service_id** /version/ **number** /deactivate

Deactivate the current version.

Authentication

API token with at least `Billing` permissions.

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/3/deactivate HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "active": false,
  "comment": "",
  "created_at": "2016-05-01T19:40:51+00:00",
  "deleted_at": null,
  "deployed": false,
  "locked": true,
  "number": 1,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "staging": true,
  "testing": true,
  "updated_at": "2016-05-09T16:19:09+00:00"
}
```

PUT /service/ **service_id** /version/ **number** /clone

Clone the current configuration into a new version.

Authentication

API token with at least `Billing` permissions.

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/clone HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "active": false,
  "comment": "",
  "created_at": "2016-05-01T19:40:51+00:00",
  "deleted_at": null,
  "deployed": false,
  "locked": false,
  "number": 2,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "staging": true,
  "testing": true,
  "updated_at": "2016-05-09T16:19:09+00:00"
}
```

PUT /service/ **service_id** /version/ **number** /lock

Locks the specified version.

Authentication

[API token](#) with at least `Billing` [permissions](#).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/lock HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "active": false,
  "comment": "",
  "created_at": "2016-05-01T19:40:51+00:00",
  "deleted_at": null,
  "deployed": false,
  "locked": true,
  "number": 1,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "staging": true,
  "testing": true,
  "updated_at": "2016-05-09T16:19:09+00:00"
}
```

Dynamic Servers

Fastly's Load Balancer allows you to create pools of origin servers that you dynamically manage using [Dynamic Servers](#) to distribute and di
set up Dynamic Servers, you attach a pool to a service, then add versionless origin server that are stored separately from your VCL configur
Fastly API to programmatically add, remove, and update pools and origin servers.

> ⓘ **IMPORTANT:** This feature is part of a limited availability release. For more information, see our [product and feature lifecycle](#) descriptio

API Reference

Pool

A pool is responsible for balancing requests among a group of servers. In addition to balancing, pools can be configured to attempt retrying
a quorum setting that can be used to determine when the pool as a whole is considered up, in order to prevent problems following an outag

Fields

field	type	description
id	*string*	Alphanumeric string identifying this pool. Automatically generated.
service_id	*string*	Alphanumeric string identifying a service. Automatically populated.
version	*integer*	Current version of a service. Automatically populated.
name	*string*	Name of pool. Required.
shield	*string*	Selected POP to serve as a shield for servers. Optional. Defaults to `null` meaning no origin shielding
request_condition	*string*	Condition which, if met, will select this pool during a request. Optional.
max_conn_default	*integer*	Maximum number of connections. Optional. Defaults to `200` if not set.
connect_timeout	*integer*	How long to wait for a timeout in milliseconds. Optional.
first_byte_timeout	*integer*	How long to wait for the first byte in milliseconds. Optional.

field	type	description
quorum	*integer*	Percentage of capacity (`0-100`) that needs to be operationally available for a pool to be considered u| `75` if not set.
use_tls	*string*	Whether or not to use TLS to reach any server in the pool. Optional. Defaults to `"0"`.
tls_ca_cert	*string*	CA certificate attached to origin. Optional.
tls_ciphers	*string*	List of OpenSSL ciphers (see [OpenSSL docs](#) for details). Optional.
tls_client_key	*string*	Client key attached to server. Optional.
tls_client_cert	*string*	Client certificate attached to server. Optional.
tls_sni_hostname	*string*	SNI hostname. Optional.
tls_check_cert	*string*	Be strict on checking TLS certs. Optional.
tls_cert_hostname	*string*	TLS cert hostname. Optional.
min_tls_version	*integer*	Minimum allowed TLS version on connections to this server. Optional.
max_tls_version	*integer*	Maximum allowed TLS version on connections to this server. Optional.
healthcheck	*string*	Name of the healthcheck to use with this pool. Can be empty and could be reused across multiple ba|
comment	*string*	Optional.
type	*string*	What type of load balance group to use. Values can be `random`, `hash`, `client`.
override_host	*string*	The hostname to [override the Host header](#). Optional. Defaults to `null` meaning no override of the Ho| setting can also be added to a Server definition. If the field is set on a Server definition it will override t|

Actions

GET /service/ **service_id** /version/ **version** /pool

Lists all pools for a particular service and pool.

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Parameters

parameter	type	description
service_id	*string*	Alphanumeric string identifying a service.
version	*integer*	Current version of a service.

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/pool HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
[
  {
    "id": "2Yd1WfiCBPENLloXfXmlO",
    "service_id": "62SNBYLi10xp1iixmsAcXy",
    "version": "1",
    "name": "my_pool",
    "shield": null,
    "override_host": null,
    "use_tls": "0",
    "type": "random",
    "request_condition": null,
    "max_conn_default": "200",
    "connect_timeout": "1000",
    "first_byte_timeout": "15000",
    "quorum": "75",
    "tls_ca_cert": null,
    "tls_ciphers": null,
    "tls_client_key": null,
    "tls_client_cert": null,
    "tls_sni_hostname": null,
    "tls_check_cert": "1",
    "tls_cert_hostname": null,
    "min_tls_version": null,
    "max_tls_version": null,
    "healthcheck": null,
    "comment": "",
    "created_at": "2016-06-20T03:55:06+00:00",
    "updated_at": "2016-06-20T03:55:06+00:00",
    "deleted_at": null
  }
]
```

GET /service/ **service_id** /version/ **version** /pool/ **pool_name**

Gets a single pool for a particular service and version.

Authentication

API token of a user with at least `Engineer` permissions.

Parameters

parameter	type	description
service_id	*string*	Alphanumeric string identifying a service.
version	*integer*	Current version of a service.
pool_name	*string*	Name of the pool.

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/pool/my_pool HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "id": "2Yd1WfiCBPENLloXfXmlO",
  "service_id": "62SNBYLi10xp1iixmsAcXy",
  "version": "1",
  "name": "my_pool",
  "shield": null,
  "override_host": null,
  "use_tls": "0",
  "type": "random",
  "request_condition": null,
  "max_conn_default": "200",
  "connect_timeout": "1000",
  "first_byte_timeout": "15000",
  "quorum": "75",
  "tls_ca_cert": null,
  "tls_ciphers": null,
  "tls_client_key": null,
  "tls_client_cert": null,
  "tls_sni_hostname": null,
  "tls_check_cert": "1",
  "tls_cert_hostname": null,
  "min_tls_version": null,
  "max_tls_version": null,
  "healthcheck": null,
  "comment": "",
  "created_at": "2016-06-20T03:55:06+00:00",
  "updated_at": "2016-06-20T03:55:06+00:00",
  "deleted_at": null
}
```

POST /service/ **service_id** /version/ **version** /pool

Creates a pool for a particular service and version.

Authentication

API token of a user with at least `Engineer` permissions.

Parameters

parameter	type	description
service_id	*string*	Alphanumeric string identifying a service.
version	*integer*	Development version of a service.

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/pool HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
Content-Type: application/x-www-form-urlencoded
```

```
name=my_pool
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "id": "2Yd1WfiCBPENLloXfXmlO",
  "service_id": "62SNBYLi10xp1iixmsAcXy",
  "version": "1",
  "name": "my_pool",
  "shield": null,
  "override_host": null,
  "use_tls": "0",
  "type": "random",
  "request_condition": null,
  "max_conn_default": "200",
  "connect_timeout": "1000",
  "first_byte_timeout": "15000",
  "quorum": "75",
  "tls_ca_cert": null,
  "tls_ciphers": null,
  "tls_client_key": null,
  "tls_client_cert": null,
  "tls_sni_hostname": null,
  "tls_check_cert": "1",
  "tls_cert_hostname": null,
  "min_tls_version": null,
  "max_tls_version": null,
  "healthcheck": null,
  "comment": "",
  "created_at": "2016-06-20T03:55:06+00:00",
  "updated_at": "2016-06-20T03:55:06+00:00",
  "deleted_at": null
}
```

PUT /service/ **service_id** /version/ **version** /pool/ **pool_name**

Updates a specific pool for a particular service and version.
Authentication

API token of a user with at least `Engineer` permissions.
Parameters

parameter	type	description
service_id	*string*	Alphanumeric string identifying a service.
version	*integer*	Development version of a service.
pool_name	*string*	Name of the pool.

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/pool/my_pool HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
Content-Type: application/x-www-form-urlencoded

max_conn_default=300
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
    "id": "2Yd1WfiCBPENLloXfXmlO",
    "service_id": "62SNBYLi10xp1iixmsAcXy",
    "version": "1",
    "name": "my_pool",
    "shield": null,
    "override_host": null,
    "use_tls": "0",
    "type": "random",
    "request_condition": null,
    "max_conn_default": "300",
    "connect_timeout": "1000",
    "first_byte_timeout": "15000",
    "quorum": "75",
    "tls_ca_cert": null,
    "tls_ciphers": null,
    "tls_client_key": null,
    "tls_client_cert": null,
    "tls_sni_hostname": null,
    "tls_check_cert": "1",
    "tls_cert_hostname": null,
    "min_tls_version": null,
    "max_tls_version": null,
    "healthcheck": null,
    "comment": "",
    "created_at": "2016-06-20T03:55:06+00:00",
    "updated_at": "2016-06-20T03:55:06+00:00",
    "deleted_at": null
}
```

DELETE /service/ **service_id** /version/ **version** /pool/ **pool_name**

Deletes a specific pool for a particular service and version.

Authentication

API token of a user with at least `Engineer` permissions.

Parameters

parameter	type	description
service_id	*string*	Alphanumeric string identifying a service.
version	*integer*	Current version of a service.
pool_name	*string*	Name of the pool.

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/pool/my_pool HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json


{
    "status": "ok"
}
```

Server

A server is an address (IP address or hostname) to which the Fastly Load Balancer service can forward requests. This service can define mu
to a pool. Fastly can then select any one of these servers based on a selection policy defined for the pool.

Fields

field	type	description
id	*string*	Alphanumeric string identifying this server. Automatically generated.
service_id	*string*	Alphanumeric string identifying a service. Automatically populated.

field	type	description
pool_id	*string*	Alphanumeric string identifying a pool. Automatically populated.
weight	*string*	Weight (`1-100`) used to load balance this server against others. Optional. Defaults to `'100'` if not set.
max_conn	*string*	Maximum number of connections. If the value is `'0'`, it inherits the value from pool's `max_conn_default` `'0'` if not set.
port	*string*	Port number. Setting port `443` does not force TLS. Set `use_tls` in pool to force TLS. Optional. Defaults t
address	*string*	A hostname, IPv4, or IPv6 address for the server. Required.
comment	*string*	Optional.
disabled	*boolean*	Allows servers to be enabled and disabled in a pool.
override_host	*string*	The hostname to override the Host header. Optional. Defaults to `null` meaning no override of the Host h setting can also be added to a Pool definition. However, the server setting will override the Pool setting.
created_at	*string*	Time-stamp (GMT) when the server was created.
deleted_at	*string*	Time-stamp (GMT) when the server was deleted.
updated_at	*string*	Time-stamp (GMT) when the server was updated.

Actions

GET /service/ **service_id** /pool/ **pool_id** /servers

Lists all servers for a particular service and pool.
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Parameters

parameter	type	description
service_id	*string*	Alphanumeric string identifying a service.
pool_id	*string*	Alphanumeric string identifying a pool.

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/pool/60OHK90EoxghKpGk4pGLyM/servers HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

[
  {
    "id": "6kEuoknxiaDBCLiAjKqyXq",
    "service_id": "6k2He0IyVFUTO6RNO1BNDe",
    "pool_id": "6kAX81nQ1jsNWZGnXvFSKY",
    "weight": "100",
    "max_conn": "200",
    "port": "80",
    "override_host": null,
    "address": "example.com",
    "comment": "",
    "disabled": false,
    "created_at": "2016-06-20T08:20:36+00:00",
    "updated_at": "2016-06-20T08:20:36+00:00",
    "deleted_at": null
  }
]
```

GET /service/ **service_id** /pool/ **pool_id** /server/ **server_id**

Gets a single server for a particular service and pool.

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Parameters

parameter	type	description
service_id	*string*	Alphanumeric string identifying a service.
pool_id	*string*	Alphanumeric string identifying a pool.
server_id	*string*	Alphanumeric string identifying this server.

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/pool/60OHK90EoxghKpGk4pGLyM/server/6kEuoknxiaDBCLiAjKqyXq HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "id": "6kEuoknxiaDBCLiAjKqyXq",
  "service_id": "6k2He0IyVFUTO6RNO1BNDe",
  "pool_id": "6kAX81nQ1jsNWZGnXvFSKY",
  "weight": "100",
  "max_conn": "200",
  "port": "80",
  "override_host": null,
  "address": "example.com",
  "comment": "",
  "disabled": false,
  "created_at": "2016-06-20T08:20:36+00:00",
  "updated_at": "2016-06-20T08:20:36+00:00",
  "deleted_at": null
}
```

POST /service/ **service_id** /pool/ **pool_id** /server

Creates a single server for a particular service and pool.

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Parameters

parameter	type	description
service_id	*string*	Alphanumeric string identifying a service.
pool_id	*string*	Alphanumeric string identifying a pool.

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/pool/60OHK90EoxghKpGk4pGLyM/server HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
Content-Type: application/x-www-form-urlencoded

address=example.com
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "id": "6kEuoknxiaDBCLiAjKqyXq",
  "service_id": "6k2He0IyVFUTO6RNO1BNDe",
  "pool_id": "6kAX81nQ1jsNWZGnXvFSKY",
  "weight": "100",
  "max_conn": "200",
  "port": "80",
  "override_host": null,
  "address": "example.com",
  "comment": "",
  "disabled": false,
  "created_at": "2016-06-20T08:20:36+00:00",
  "updated_at": "2016-06-20T08:20:36+00:00",
  "deleted_at": null
}
```

PUT /service/ **service_id** /pool/ **pool_id** /server/ **server_id**

Updates a single server for a particular service and pool.

Authentication

[API token] of a user with at least `Engineer` [permissions].

Parameters

parameter	type	description
service_id	*string*	Alphanumeric string identifying a service.
pool_id	*string*	Alphanumeric string identifying a pool.
server_id	*string*	Alphanumeric string identifying this server.

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/pool/60OHK90EoxghKpGk4pGLyM/server/6kEuoknxiaDBCLiAjKqyXq HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
Content-Type: application/x-www-form-urlencoded
```

```
max_conn=300
```

▼ **Response Example**

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "id": "6kEuoknxiaDBCLiAjKqyXq",
  "service_id": "6k2He0IyVFUTO6RNO1BNDe",
  "pool_id": "6kAX81nQ1jsNWZGnXvFSKY",
  "weight": "100",
  "max_conn": "300",
  "port": "80",
  "override_host": null,
  "address": "example.com",
  "comment": "",
  "disabled": false,
  "created_at": "2016-06-20T08:20:36+00:00",
  "updated_at": "2016-06-20T08:20:36+00:00",
  "deleted_at": null
}
```

DELETE /service/ **service_id** /pool/ **pool_id** /server/ **server_id**

Deletes a single server for a particular service and pool.

Authentication

[API token] of a user with at least `Engineer` [permissions].

Parameters

parameter	type	description
service_id	*string*	Alphanumeric string identifying a service.

parameter	type	description
pool_id	*string*	Alphanumeric string identifying a pool.
server_id	*string*	Alphanumeric string identifying this server.

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/pool/60OHK90EoxghKpGk4pGLyM/server/6kEuoknxiaDBCLiAjKqyXq HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ **Response Example**

```
HTTP/1.1 200 OK
Content-Type: application/json

{
    "status": "ok"
}
```

Purge

Purging

Instant Purging removes content from Fastly immediately so it can be refreshed from your origin servers. The main entry point for the API, ht needed for an individual URL Instant Purge.

Actions

PURGE *

Instant Purge an individual URL.

Authentication

Disabled by default. See [Authenticating URL purge requests via API](#) to enable.

Parameters

parameter	type	description
*	*string*	Full path of the URL.

Request Example

```
curl -X PURGE https://www.example.com/image.jpg
```

▼ **Response Example**

```
HTTP/1.1 200 OK
Content-Type: application/json

{
    "status": "ok",
    "id": "108-1391560174-974124"
}
```

POST /service/ **service_id** /purge_all

Instant Purge everything from a service.

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/purge_all HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ **Response Example**

```
HTTP/1.1 200 OK
Content-Type: application/json

{
    "status": "ok"
}
```

POST /service/ **service_id** /purge/ **key**

Instant Purge a particular service of items tagged with a Surrogate Key. Only one surrogate key can be purged at a time. Multiple keys can b
surrogate key purge request.

Authentication

[API token](#).

Parameters

parameter	type	description
key	*string*	Surrogate Key to purge.

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/purge/hTE5dRlSBICGPJxJwCH4M HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "status": "ok",
  "id": "108-1391560174-974124"
}
```

POST /service/ **service_id** /purge

Instant Purge a particular service of items tagged with Surrogate Keys in a batch. Up to 256 surrogate keys can be purged in one batch requ

Authentication

[API token](#).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/purge HTTP/1.1
Surrogate-Key: key_1 key_2 key_3
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "key_1":"108-1391560174-974124",
  "key_2":"108-1391560174-974125",
  "key_3":"108-1391560174-974126"
}
```

POST /service/ **service_id** /purge

Instant Purge a particular service of items tagged with Surrogate Keys in a batch using a JSON POST body. Up to 256 surrogate keys can b
request.

Authentication

[API token](#).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/purge HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/json
Accept: application/json

{"surrogate_keys":["key_1","key_2","key_3"]}
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "key_1":"108-1391560174-974124",
  "key_2":"108-1391560174-974125",
  "key_3":"108-1391560174-974126"
}
```

Soft Purging

Soft Purging sets an object's TTL to 0s, forcing revalidation. For best results, Soft Purging should be used in conjuction with stale_while_rev
The main entry point https://api.fastly.com/ for the API is not needed for a single URL Soft Purge.

Actions

PURGE *

Soft Purge an individual URL.
Authentication

Disabled by default. See [Authenticating URL purge requests via API](#) to enable.
Parameters

parameter	type	description
*	*string*	Full path of the URL

Request Example

```
curl -X PURGE -H "Fastly-Soft-Purge:1" https://www.example.com/image.jpg
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "status": "ok",
  "id": "108-1391560174-974124"
}
```

POST /service/ service_id /purge/ key

Soft Purge a particular service of items tagged with a key.
Authentication

[API token](#) with at least `Billing` [permissions](#).
Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/purge/hTE5dRlSBICGPJxJwCH4M HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
Fastly-Soft-Purge: 1
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "status": "ok",
  "id": "108-1391560174-974124"
}
```

[Historical Stats](#)

The Fastly historical Stats API allows you to programmatically retrieve historical caching statistics derived from your Fastly services. You car
you optimize your site's data caching and analyze your site's traffic.

Endpoint

The base endpoint for the Stats API is `https://api.fastly.com/`. All URLs are relative to that endpoint. All requests must be sent over HT

Authentication

To [authenticate](), use a `Fastly-Key` header containing your [API token]().

Here's an example using the command-line tool cURL:

```
1  curl -H "Fastly-Key: YOUR_FASTLY_TOKEN" https://api.fastly.com/stats
```

Availability of Data

As a general rule, minutely, hourly, and daily data will each be delayed by approximately 10 to 15 minutes from the current time due to the ti
process historical data. In addition, the current hour and current day will only return partial results because the data is still being incremental
period, which isn't complete.

> ⚠ **IMPORTANT:** You cannot retrieve minutely historical statistics data older than 90 days from the current date. Contact [support@fastly.c]()
> minutely data needs.

Query Options (Time Range, Sampling Rate, and Regions)

There are four query parameters that you can use to specify what information is returned by the stats API. The `from` and `to` parameters co
you want to fetch stats information. The `by` controls the sampling rate (day, hour, or minute). And the `region` parameter allows you to restr
particular region.

Param: `from` and `to`

The `from` and `to` parameters are exact times that control the window over which to fetch historical statistics. By default you can use UNIX
specifying these parameters, but many forms of human readable inputs are also available, such as:

- `Yesterday`

- `Two weeks ago`

- `2/20/2013`

Date parsing is performed using the Chronic ruby library; for the most detailed information on exactly what formats are available please visit
([https://github.com/mojombo/chronic]()).

Let's see some examples:

```
/stats?from=10+days+ago
```

Returns stats for each of your services, by day, for the last ten days

```
/stats?from=1494793777&to=1494966577
```

Stats from Tuesday 14th May 2017 @ 20:29:37 UTC to Thursday 16th May 2017 @ 20:29:37 UTC

```
/stats?from=1%2F1%2F2017&to=2%2F1%2F2017
```

Daily stats from January 1st, 2017 (1/1/2017) to February 1st, 2017 (2/1/2017)

When the time of day is not specified, the Stats API assumes 12pm. To specify a midnight to midnight range, you would use
`from=1%2F1%2F2013%2000:00&to=2%2F1%2F2013%2000:00/` (`from=1/1/2013 00:00&to=2/1/2013 00:00`, before encoding).

The `from` parameter is "inclusive" and the `to` parameter is "exclusive". This means that we will return only rows with recorded times that i
inequality:

```
1  from <= recorded < to
```

> ℹ **NOTE:** We store historical stats information using UTC, and not local time zones. This means that we will use the UTC interpretations
> querying stats information.

Param: `by`

The `by` parameter allows you to control the sampling rate used to produce the result set from querying the Stats API. There are three value

- `minute` - Stats will be sampled by minute for each recorded minute in the specified window

- `hour` - Sample by hour within the specified window

- `day` - Sample by day within the specified window

If you do not provide a `by` parameter in your query it will default to 'day'. Each sampling rate also specifies default `to` and `from` paramete

Each value for the `by` parameter has associated defaults for the `to` and `from` parameters if they are omitted, here's an overview:

/stats

Defaults to: By day, from 1 month ago, to now

/stats?by=hour

Defaults to: by hour, from 1 day ago, to now

/stats?by=minute

Defaults to: by minute, from 30 minutes ago, to now

It is important to remember the following conversions when performing queries:

- 1 day = 24 hours

- 1 hour = 60 minutes

- 1 day = 60 * 24 = 1,440 minutes

When changing the sampling rate via the `by` parameter you can accidentally ask for very large data sets if you have defined `to` and `from`
process exceedingly large queries. Please refer to the Response Format section below for more details.

Param: `region`

The Stats API also allows you to limit the scope of your query by restricting it to a particular region. This is achieved via the use of the `regio`
following regions are supported:

- `usa` - Restricts the query to statistics reported by POPs in the continental United States

- `europe` - Restricts the query to statistics reported by POPs in Europe

- `anzac` - Restricts the query to statistics reported by POPs in Australia and New Zealand

- `asia` - Restricts the query to statistics reported by POPs in Asia

- `asia_india` - Restricts the query to statistics reported by POPs in India

- `latam` - Restricts the query to statistics reported by POPs in Brazil

- `south_africa` - Restricts the query to statistics reported by POPs in southern Africa

- `southamerica_std` - Restricts the query to statistics reported by POPs in South America

Usage is exceedingly simple, let's look at some examples:

/stats

Returns stats for all regions

/stats?region=usa

Returns stats for only US POPs

/stats?region=europe

Returns stats for European POPs only

The following endpoint provides a complete list of all available regions:

```
GET /stats/regions
```

See the API section below for example output

Response Format

To make it easier to understand how a query is being processed we use a specific JSON response format. Here is an example:

```
/stats?from=1+day+ago
```

```
{
  "status": "success",
  "meta": {
    "to": "Thu May 16 20:08:35 UTC 2013",
    "from": "Wed May 15 20:08:35 UTC 2013",
    "by": "day",
    "region": "all"
  },
  "msg": null,
  "data": [ ... ]
}
```

Each of the fields denotes the following:

- `status` - Whether or not we were able to successfully execute the query

- `meta` - Meta information about the scope of the query in a human readable format

- `msg` - If the query was not successful this will provide a string that explains why

- `data` - This contains the actual results of the query that we processed

API Reference

Historical Stats

Fields

field	type	description
requests	*integer*	Number of requests processed.
hits	*integer*	Number of cache hits.
hits_time	*float*	Total amount of time spent processing cache hits (in seconds).
miss	*integer*	Number of cache misses.
miss_time	*float*	Total amount of time spent processing cache misses (in seconds).
pass	*integer*	Number of requests that passed through the CDN without being cached.
pass_time	*float*	Total amount of time spent processing cache passes (in seconds).
errors	*integer*	Number of cache errors.
restarts	*integer*	Number of restarts performed.
hit_ratio	*float*	Ratio of cache hits to cache misses (between 0 and 1).
bandwidth	*integer*	Total bytes delivered (resp_header_bytes + resp_body_bytes + bereq_header_bytes
body_size	*integer*	Total body bytes delivered (alias for resp_body_bytes).

field	type	description
header_size	integer	Total header bytes delivered (alias for resp_header_bytes).
req_body_bytes	integer	Total body bytes received.
req_header_bytes	integer	Total header bytes received.
resp_body_bytes	integer	Total body bytes delivered.
resp_header_bytes	integer	Total header bytes delivered.
bereq_body_bytes	integer	Total body bytes sent to origin.
bereq_header_bytes	integer	Total header bytes sent to origin.
uncacheable	integer	Number of requests that were designated uncachable.
pipe	integer	Optional. Pipe operations performed (legacy feature).
tls	integer	Number of requests that were received over TLS.
tls_v10	integer	Number of requests received over TLS 1.0.
tls_v11	integer	Number of requests received over TLS 1.1.
tls_v12	integer	Number of requests received over TLS 1.2.
tls_v13	integer	Number of requests received over TLS 1.3
shield	integer	Number of requests from edge to the shield POP.
shield_resp_body_bytes	integer	Total body bytes delivered via a shield.
shield_resp_header_bytes	integer	Total header bytes delivered via a shield.
ipv6	integer	Number of requests that were received over IPv6.
otfp	integer	Number of responses that came from the Fastly On-the-Fly Packager for On Deman video-on-demand.
otfp_resp_body_bytes	integer	Total body bytes delivered from the Fastly On-the-Fly Packager for On Demand Stre on-demand.
otfp_resp_header_bytes	integer	Total header bytes delivered from the Fastly On-the-Fly Packager for On Demand St video-on-demand.
otfp_shield_resp_body_bytes	integer	Total body bytes delivered via a shield for the Fastly On-the-Fly Packager for On De for video-on-demand.
otfp_shield_resp_header_bytes	integer	Total header bytes delivered via a shield for the Fastly On-the-Fly Packager for On D for video-on-demand.
otfp_manifests	integer	Number of responses that were manifest files from the Fastly On-the-Fly Packager f service for video-on-demand.
otfp_deliver_time	float	Total amount of time spent delivering a response from the Fastly On-the-Fly Packag Streaming service for video-on-demand (in seconds).
otfp_shield_time	float	Total amount of time spent delivering a response via a sheild from the Fastly On-the Demand Streaming service for video-on-demand (in seconds).

field	type	description
video	*integer*	Number of responses with the video segment or video manifest MIME type (i.e., app application/vnd.apple.mpegurl, application/f4m, application/dash+xml, application/v ideo/mp2t, audio/aac, video/f4f, video/x-flv, video/mp4, audio/mp4).
pci	*integer*	Number of responses with the PCI flag turned on.
log	*integer*	Number of log lines sent.
http2	*integer*	Number of requests received over HTTP2.
waf_logged	*integer*	Number of requests that triggered a WAF rule and were logged.
waf_blocked	*integer*	Number of requests that triggered a WAF rule and were blocked.
waf_passed	*integer*	Number of requests that triggered a WAF rule and were passed.
attack_req_body_bytes	*integer*	Total body bytes received from requests that triggered a WAF rule.
attack_req_header_bytes	*integer*	Total header bytes received from requests that triggered a WAF rule.
attack_logged_req_body_bytes	*integer*	Total body bytes received from requests that triggered a WAF rule that was logged.
attack_logged_req_header_bytes	*integer*	Total header bytes received from requests that triggered a WAF rule that was logged
attack_blocked_req_body_bytes	*integer*	Total body bytes received from requests that triggered a WAF rule that was blocked
attack_blocked_req_header_bytes	*integer*	Total header bytes received from requests that triggered a WAF rule that was blocke
attack_passed_req_body_bytes	*integer*	Total body bytes received from requests that triggered a WAF rule that was passed.
attack_passed_req_header_bytes	*integer*	Total header bytes received from requests that triggered a WAF rule that was passed
attack_resp_synth_bytes	*integer*	Total bytes delivered for requests that triggered a WAF rule and returned a synthetic
imgopto	*integer*	Number of responses that came from the Fastly Image Optimizer service.
imgopto_resp_body_bytes	*integer*	Total body bytes delivered from the Fastly Image Optimizer service.
imgopto_resp_header_bytes	*integer*	Total header bytes delivered from the Fastly Image Optimizer service.
imgopto_shield_resp_body_bytes	*integer*	Total body bytes delivered via a shield from the Fastly Image Optimizer service.
imgopto_shield_resp_header_bytes	*integer*	Total header bytes delivered via a shield from the Fastly Image Optimizer service.
status_200	*integer*	Number of responses sent with status code 200 (Success).
status_204	*integer*	Number of responses sent with status code 204 (No Content).
status_301	*integer*	Number of responses sent with status code 301 (Moved Permanently).
status_302	*integer*	Number of responses sent with status code 302 (Found).
status_304	*integer*	Number of responses sent with status code 304 (Not Modified).
status_400	*integer*	Number of responses sent with status code 400 (Bad Request).
status_401	*integer*	Number of responses sent with status code 401 (Unauthorized).
status_403	*integer*	Number of responses sent with status code 403 (Forbidden).

field	type	description
status_404	*integer*	Number of responses sent with status code 404 (Not Found).
status_416	*integer*	Number of responses sent with status code 416 (Range Not Satisfiable).
status_500	*integer*	Number of responses sent with status code 500 (Internal Server Error).
status_501	*integer*	Number of responses sent with status code 501 (Not Implemented).
status_502	*integer*	Number of responses sent with status code 502 (Bad Gateway).
status_503	*integer*	Number of responses sent with status code 503 (Service Unavailable).
status_504	*integer*	Number of responses sent with status code 504 (Gateway Timeout).
status_505	*integer*	Number of responses sent with status code 505 (HTTP Version Not Supported).
status_1xx	*integer*	Number of "Informational" category status codes delivered.
status_2xx	*integer*	Number of "Success" status codes delivered.
status_3xx	*integer*	Number of "Redirection" codes delivered.
status_4xx	*integer*	Number of "Client Error" codes delivered.
status_5xx	*integer*	Number of "Server Error" codes delivered.
object_size_1k	*integer*	Number of objects served that were under 1KB in size.
object_size_10k	*integer*	Number of objects served that were between 1KB and 10KB in size.
object_size_100k	*integer*	Number of objects served that were between 10KB and 100KB in size.
object_size_1m	*integer*	Number of objects served that were between 100KB and 1MB in size.
object_size_10m	*integer*	Number of objects served that were between 1MB and 10MB in size.
object_size_100m	*integer*	Number of objects served that were between 10MB and 100MB in size.
object_size_1g	*integer*	Number of objects served that were between 100MB and 1GB in size.

Actions

GET /stats

Fetches historical stats for each of your Fastly services and groups the results by service ID.

Authentication

[API token](#) with at least `Billing` [permissions](#).

Request Example

```
GET /stats?from=1+day+ago HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "status": "success",
  "meta": {
    "to": "Thu May 16 20:08:35 UTC 2013",
    "from": "Wed May 15 20:08:35 UTC 2013",
    "by": "day",
    "region": "all"
  },
  "msg": null,
  "data": {
    "6ElZZvtumbwtLBDJvFwepx": [
      {
        "requests": "1925645",
        "miss_time": "55.153864891000005",
        "start_time": "1368662400",
        "service_id": "6ElZZvtumbwtLBDJvFwepx",
        "bandwidth": "176544526854",
        "hits": "1902348",
        "hits_time": "520.0779119150006",
        "miss": "8354",
        "body_size": "175900019026",
        "pass": "4212",
        "header_size": "644507828",
        "req_header_bytes": "2905859973",
        "req_body_bytes": "390017958",
        "resp_header_bytes": "644507828",
        "resp_body_bytes": "175900019026",
        "bereq_header_bytes": "1870557109",
        "bereq_body_bytes": "389234083",
        "status_200": "1208426",
        "status_204": "0",
        "status_301": "0",
        "status_302": "0",
        "status_304": "0",
        "errors": "8418",
        "hit_ratio": "0.9956",
        "status_1xx": "0",
        "status_2xx": "1208426",
        "status_3xx": "0",
        "status_4xx": "708801",
        "status_503": "8418",
        "pipe": "0",
        "status_5xx": "8418",
        "uncacheable": "0",
        "tls": "2804069",
        "shield": "208055",
        "ipv6": "14156",
        "otfp": "12006",
        "video": "306053",
        "pci": "3041",
        "logging": "2088120",
        "http2": "251589",
        "waf_logged": "508",
        "waf_blocked": "360",
        "waf_passed": "0",
        "attack_req_body_bytes": "1274842",
        "attack_req_header_bytes": "892196",
        "attack_resp_synth_bytes": "0",
        "img_opto": "1404"
      }
    ],
    "5oYej0l0heMydtjaVPOq4z": [
      {
        "requests": "751",
        "miss_time": "1.198163271",
        "start_time": "1368662400",
        "service_id": "5oYej0l0heMydtjaVPOq4z",
        "bandwidth": "1159652",
        "hits": "743",
        "hits_time": "0.07059622299999999",
        "miss": "8",
        "body_size": "721082",
        "pass": "0",
        "header_size": "438570",
        "req_header_bytes": "2905859973",
        "req_body_bytes": "390017958",
        "resp_header_bytes": "438570",
        "resp_body_bytes": "721082",
        "bereq_header_bytes": "1870557109",
        "bereq_body_bytes": "389234083",
        "status_200": "580",
        "status_204": "0",
        "status_301": "2",
```

```
          "status_302": "0",
          "status_304": "169",
          "errors": "0",
          "hit_ratio": "0.9893",
          "status_1xx": "0",
          "status_2xx": "580",
          "status_3xx": "171",
          "status_4xx": "0",
          "status_503": "0",
          "pipe": "0",
          "status_5xx": "0",
          "uncacheable": "0",
          "tls": "2804069",
          "shield": "208055",
          "ipv6": "14156",
          "otfp": "12006",
          "video": "306053",
          "pci": "3041",
          "logging": "2088120",
          "http2": "251589",
          "waf_logged": "508",
          "waf_blocked": "360",
          "waf_passed": "0",
          "attack_req_body_bytes": "1274842",
          "attack_req_header_bytes": "892196",
          "attack_resp_synth_bytes": "0",
          "img_opto": "1404"
        }
      ]
    }
}
```

GET /stats/field/ **field**

Fetches the specified field from the historical stats for each of your services and groups the results by service ID.

Authentication

[API token](#) with at least `Billing` [permissions](#).

Request Example

```
GET /stats/field/hit_ratio?from=6+hours+ago&to=3+hours+ago&by=hour HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "status": "success",
  "meta": {
    "to": "Thu May 16 17:13:03 UTC 2013",
    "from": "Thu May 16 14:13:03 UTC 2013",
    "by": "hour",
    "region": "all"
  },
  "msg": null,
  "data": {
    "6ElZZvtumbwtLBDJvFwepx": [
      {
        "service_id": "6ElZZvtumbwtLBDJvFwepx",
        "start_time": "1368716400",
        "hit_ratio": "0.0000"
      },
      {
        "service_id": "6ElZZvtumbwtLBDJvFwepx",
        "start_time": "1368720000",
        "hit_ratio": "0.9769"
      },
      {
        "service_id": "6ElZZvtumbwtLBDJvFwepx",
        "start_time": "1368723600",
        "hit_ratio": "0.9944"
      }
    ],
    "5oYej0l0heMydtjaVPOq4z": [
      {
        "service_id": "5oYej0l0heMydtjaVPOq4z",
        "start_time": "1368716400",
        "hit_ratio": "0.9857"
      },
      {
        "service_id": "5oYej0l0heMydtjaVPOq4z",
        "start_time": "1368720000",
        "hit_ratio": "1.0000"
      },
      {
        "service_id": "5oYej0l0heMydtjaVPOq4z",
        "start_time": "1368723600",
        "hit_ratio": "1.0000"
      }
    ]
  }
}
```

GET /stats/aggregate

Fetches historical stats information aggregated across all of your Fastly services.

Authentication

API token with at least `Billing` permissions.

Request Example

```
GET /stats/aggregate?from=1368563377&to=1368736177 HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "status": "success",
  "meta": {
    "to": "Thu May 16 20:29:37 UTC 2013",
    "from": "Tue May 14 20:29:37 UTC 2013",
    "by": "day",
    "region": "all"
  },
  "msg": null,
  "data": [
    {
      "requests": "7022557",
      "miss_time": "43342.54711368301",
      "start_time": "1368576000",
      "bandwidth": "33656143431",
      "hits": "1851903",
      "hits_time": "284.90881923000006",
      "miss": "74773",
      "body_size": "31118762171",
      "pass": "5076669",
      "header_size": "2537381260",
      "req_header_bytes": "2905859973",
      "req_body_bytes": "390017958",
      "resp_header_bytes": "2537381260",
      "resp_body_bytes": "31118762171",
      "bereq_header_bytes": "1870557109",
      "bereq_body_bytes": "389234083",
      "status_200": "6959769",
      "status_204": "0",
      "status_301": "3093",
      "status_302": "60",
      "status_304": "14135",
      "errors": "21642",
      "hit_ratio": "0.9612",
      "status_1xx": "0",
      "status_2xx": "6959769",
      "status_3xx": "17288",
      "status_4xx": "23855",
      "status_503": "21631",
      "pipe": "0",
      "status_5xx": "21642",
      "uncacheable": "0",
      "tls": "2804069",
      "shield": "208055",
      "ipv6": "14156",
      "otfp": "12006",
      "video": "306053",
      "pci": "3041",
      "logging": "2088120",
      "http2": "251589",
      "waf_logged": "508",
      "waf_blocked": "360",
      "waf_passed": "0",
      "attack_req_body_bytes": "1274842",
      "attack_req_header_bytes": "892196",
      "attack_resp_synth_bytes": "0",
      "img_opto": "1404"
    },
    {
      "requests": "7908607",
      "miss_time": "31645.078110511986",
      "start_time": "1368662400",
      "bandwidth": "201478840738",
      "hits": "3455867",
      "hits_time": "751.2703607920007",
      "miss": "114580",
      "body_size": "198672905955",
      "pass": "4310192",
      "header_size": "2805934783",
      "req_header_bytes": "2905859973",
      "req_body_bytes": "390017958",
      "resp_header_bytes": "2805934783",
      "resp_body_bytes": "198672905955",
      "bereq_header_bytes": "1870557109",
      "bereq_body_bytes": "389234083",
      "status_200": "7128395",
      "status_204": "0",
      "status_301": "2649",
      "status_302": "30",
      "status_304": "9920",
      "errors": "41389",
      "hit_ratio": "0.9679",
      "status_1xx": "0",
```

```
        "status_2xx": "7128395",
        "status_3xx": "12599",
        "status_4xx": "726224",
        "status_503": "41246",
        "pipe": "0",
        "status_5xx": "41389",
        "uncacheable": "0",
        "tls": "2804069",
        "shield": "208055",
        "ipv6": "14156",
        "otfp": "12006",
        "video": "306053",
        "pci": "3041",
        "logging": "2088120",
        "http2": "251589",
        "waf_logged": "508",
        "waf_blocked": "360",
        "waf_passed": "0",
        "attack_req_body_bytes": "1274842",
        "attack_req_header_bytes": "892196",
        "attack_resp_synth_bytes": "0",
        "img_opto": "1404"
      }
    ]
  }
```

GET /stats/service/ **service_id**

Fetches historical stats for a given service.

Authentication

[API token](#) with at least `Billing` permissions.

Request Example

```
GET /stats/service/1jlmtMz1ncwA0KC3TBGD0X?from=40+minutes+ago&to=38+minutes+ago&by=minute HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "status": "success",
  "meta": {
    "to": "Thu May 16 19:57:24 UTC 2013",
    "from": "Thu May 16 19:55:24 UTC 2013",
    "by": "minute",
    "region": "all"
  },
  "msg": null,
  "data": [
    {
      "requests": "21",
      "miss_time": "0",
      "start_time": "1368734160",
      "service_id": "1jlmtMz1ncwA0KC3TBGD0X",
      "bandwidth": "160238",
      "hits": "0",
      "hits_time": "0",
      "miss": "0",
      "body_size": "150948",
      "pass": "19",
      "header_size": "9290",
      "req_header_bytes": "2905859973",
      "req_body_bytes": "390017958",
      "resp_header_bytes": "9290",
      "resp_body_bytes": "150948",
      "bereq_header_bytes": "1870557109",
      "bereq_body_bytes": "389234083",
      "status_200": "14",
      "status_204": "0",
      "status_301": "2",
      "status_302": "0",
      "status_304": "0",
      "errors": "0",
      "hit_ratio": null,
      "status_1xx": "0",
      "status_2xx": "14",
      "status_3xx": "2",
      "status_4xx": "5",
      "status_503": "0",
      "pipe": "0",
      "status_5xx": "0",
      "uncacheable": "0",
      "tls": "2804069",
      "shield": "208055",
      "ipv6": "14156",
      "otfp": "12006",
      "video": "306053",
      "pci": "3041",
      "logging": "2088120",
      "http2": "251589",
      "waf_logged": "508",
      "waf_blocked": "360",
      "waf_passed": "0",
      "attack_req_body_bytes": "1274842",
      "attack_req_header_bytes": "892196",
      "attack_resp_synth_bytes": "0",
      "img_opto": "1404"
    },
    {
      "requests": "20",
      "miss_time": "0",
      "start_time": "1368734220",
      "service_id": "1jlmtMz1ncwA0KC3TBGD0X",
      "bandwidth": "156504",
      "hits": "0",
      "hits_time": "0",
      "miss": "0",
      "body_size": "147806",
      "pass": "17",
      "header_size": "8698",
      "req_header_bytes": "2905859973",
      "req_body_bytes": "390017958",
      "resp_header_bytes": "8698",
      "resp_body_bytes": "147806",
      "bereq_header_bytes": "1870557109",
      "bereq_body_bytes": "389234083",
      "status_200": "12",
      "status_204": "0",
      "status_301": "3",
      "status_302": "0",
      "status_304": "0",
      "errors": "0",
```

```
      "hit_ratio": null,
      "status_1xx": "0",
      "status_2xx": "12",
      "status_3xx": "3",
      "status_4xx": "5",
      "status_503": "0",
      "pipe": "0",
      "status_5xx": "0",
      "uncacheable": "0",
      "tls": "2804069",
      "shield": "208055",
      "ipv6": "14156",
      "otfp": "12006",
      "video": "306053",
      "pci": "3041",
      "logging": "2088120",
      "http2": "251589",
      "waf_logged": "508",
      "waf_blocked": "360",
      "waf_passed": "0",
      "attack_req_body_bytes": "1274842",
      "attack_req_header_bytes": "892196",
      "attack_resp_synth_bytes": "0",
      "img_opto": "1404"
    }
  ]
}
```

GET /stats/service/ **service_id** /field/ **field**

Fetches the specified field from the historical stats for a given service.

Authentication

API token with at least `Billing` permissions.

Request Example

```
GET /stats/service/1jlmtMz1ncwA0KC3TBGD0X/field/bandwidth?from=2+days+ago HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "status": "success",
  "meta": {
    "to": "Thu May 16 20:39:09 UTC 2013",
    "from": "Tue May 14 20:39:09 UTC 2013",
    "by": "day",
    "region": "all"
  },
  "msg": null,
  "data": [
    {
      "service_id": "1jlmtMz1ncwA0KC3TBGD0X",
      "start_time": "1368576000",
      "bandwidth": "376983356"
    },
    {
      "service_id": "1jlmtMz1ncwA0KC3TBGD0X",
      "start_time": "1368662400",
      "bandwidth": "322029360"
    }
  ]
}
```

GET /stats/usage

Returns usage information aggregated across all Fastly services and grouped by region.

Authentication

API token with at least `Billing` permissions.

Request Example

```
GET /stats/usage?from=1%2F1%2F2013&to=2%2F1%2F2013 HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "status": "success",
  "meta": {
    "to": "Fri Feb 01 12:00:00 UTC 2013",
    "from": "Tue Jan 01 12:00:00 UTC 2013",
    "by": "day",
    "region": "all"
  },
  "msg": null,
  "data": {
    "apac": {
      "requests": "163546563",
      "bandwidth": "10735282284"
    },
    "ausnz": {
      "requests": "2888860",
      "bandwidth": "173220202333"
    },
    "usa": {
      "requests": "163546563",
      "bandwidth": "153220202333"
    },
    "europe": {
      "requests": "2888860",
      "bandwidth": "10735282284"
    }
  }
}
```

GET /stats/usage_by_service

Returns usage information aggregated by service and grouped by service and region.

Authentication

API token with at least `Billing` permissions.

Request Example

```
GET /stats/usage_by_service?from=2%2F1%2F2013&to=3%2F1%2F2013 HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "status": "success",
  "meta": {
    "to": "Fri Mar 01 12:00:00 UTC 2013",
    "from": "Fri Feb 01 12:00:00 UTC 2013",
    "by": "day",
    "region": "all"
  },
  "msg": null,
  "data": {
    "apac": {
      "1iPMGAF44YgzB7sINv4KTF": {
        "requests": "60524",
        "bandwidth": "6004223792"
      },
      "7mai6mbwRz0JXxhAY8ZSN2": {
        "requests": "3",
        "bandwidth": "1305"
      }
    },
    "ausnz": {
      "1iPMGAF44YgzB7sINv4KTF": {
        "requests": "101120",
        "bandwidth": "1735577606"
      },
      "7mai6mbwRz0JXxhAY8ZSN2": {
        "requests": "93294",
        "bandwidth": "38109995"
      }
    },
    "usa": {
      "1iPMGAF44YgzB7sINv4KTF": {
        "requests": "1109033",
        "bandwidth": "21642401706"
      },
      "7mai6mbwRz0JXxhAY8ZSN2": {
        "requests": "348175",
        "bandwidth": "173135847"
      }
    },
    "europe": {
      "1iPMGAF44YgzB7sINv4KTF": {
        "requests": "567583",
        "bandwidth": "14813592344"
      },
      "7mai6mbwRz0JXxhAY8ZSN2": {
        "requests": "260025",
        "bandwidth": "110928988"
      }
    }
  }
}
```

GET /stats/usage_by_month

Returns month-to-date usage details for a given month and year. Usage details are aggregated by service and across all Fastly services, and

This endpoint does not use the `from` or `to` fields for selecting the date for which data is requested. Instead, it uses `month` and `year` integ optional and default to the current month and year respectively. When set, an optional `billable_units` field will convert bandwidth to GB a 10,000.

Authentication

[API token](#).

Parameters

parameter	type	description
month	*integer*	2-digit month.
year	*integer*	4-digit year.
billable_units	*string*	If 'true', return results as billable units.

Request Example

```
GET /stats/usage_by_month?month=7&year=2017&billable_units=true HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "status": "success",
  "msg": null,
  "meta": {
    "from": "2017-07-01 00:00:00 +0000",
    "to": "2017-07-31 23:59:59 +0000",
    "by": "day",
    "region": "all"
  },
  "data": {
    "customer_id": "YOUR_CUSTOMER_ID",
    "services": {
      "SERVICE_ID": {
        "name": "SERVICE_NAME",
        "anzac": {
          "bandwidth": 28.815130509,
          "requests": 131.7256
        },
        "asia": {
          "bandwidth": 180.182470562,
          "requests": 965.4324
        },
        "europe": {
          "bandwidth": 1230.23131801,
          "requests": 6082.2894
        },
        "latam": {
          "bandwidth": 18.070301895,
          "requests": 93.7146
        },
        "south_africa": {
          "bandwidth": 8.77620445,
          "requests": 37.9704
        },
        "usa": {
          "bandwidth": 2330.717545144,
          "requests": 5524.7604
        }
      }
    },
    "total": {
      "anzac": {
        "bandwidth": 28.815130509,
        "requests": 131.7256
      },
      "asia": {
        "bandwidth": 180.182470562,
        "requests": 965.4324
      },
      "europe": {
        "bandwidth": 1230.23131801,
        "requests": 6082.2894
      },
      "latam": {
        "bandwidth": 18.070301895,
        "requests": 93.7146
      },
      "south_africa": {
        "bandwidth": 8.77620445,
        "requests": 37.9704
      },
      "usa": {
        "bandwidth": 2330.717545144,
        "requests": 5524.7604
      }
    }
  }
}
```

GET   /stats/regions

Fetches the list of codes for regions that are covered by the Fastly CDN service.
Authentication

API token with at least `Billing` permissions.

Request Example

```
GET /stats/regions HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "status": "success",
  "meta": {
    "to": "Thu May 16 19:52:15 UTC 2013",
    "from": "Tue Apr 16 19:52:15 UTC 2013",
    "by": "day",
    "region": "all"
  },
  "msg": null,
  "data": [
    "apac",
    "ausnz",
    "usa",
    "europe"
  ]
}
```

Real-time analytics

Fastly provides an HTTPS endpoint to poll for real-time analytics.

Endpoint

The base endpoint for the real-time analytics system is `https://rt.fastly.com`. All URLs are relative to that endpoint. All requests must b

Authentication

To authenticate, use a `Fastly-Key` header containing your API token.

Channels

A channel ID is equivalent to a service ID, so each channel will provide real-time analytics for one service. The provided service ID must be e specified by the API token used for authentication.

There is a special channel ID demo which is used for the analytics on the fastly.com homepage.

URL structure

For regular real-time analytics, this call allows you to get (and potentially wait for) any messages after a given timestamp. A message covers

```
1    <endpoint>/v1/channel/<service id>/ts/<timestamp in seconds>
```

For the first request, the timestamp can be `0`. The response will then return a new timestamp field which should be used for the next reque

There is also "History" call for fetching data from the previous 120 seconds up to the latest timestamp for a channel:

```
1    <endpoint>/v1/channel/<service id>/ts/h
```

This can be modified by fetching the last `N` entries.

```
1    <endpoint>/v1/channel/<service id>/ts/h/limit/<N>
```

Response structure

The response is a JSON object. The top level object has two keys: `Timestamp` and `Data`. The `Timestamp` value should be extracted and u e.g.:

1. Set `Timestamp` to 0

2. Make API call

3. Set `Timestamp` to Timestamp value of returned JSON object

4. Do something with the rest of the data

    5. Goto #2

The `Data` value is a JSON array. For regular real-time analytics calls, it will only have one or two items. For the history call, it will have as ma requested.

```
1  {
2    "Timestamp" => 1467915558,
3    "Data" => [ ... ]
4  }
```

Each item is a JSON object with two keys: `recorded` is a Unix time stamp (e.g., seconds since Jan 1st, 1970) of when this data was genera and `datacenter` with another JSON object as a value.

```
1  "Data" => [
2    {
3      "recorded"   => 1467915558,
4      "datacenter" => {...}
5    },
6    ...
7  ]
```

The keys of the `datacenter` JSON object are the names of each of our [POPs](#) around the world plus a special key, called `aggregated`, whic all the POPs together.

```
1  {
2    "Data":[
3      {
4        "datacenter":{
5          "AMS" => { ... },
6          "SIN" => { ... },
7          "SJC" => { ... },
8          ...
9        },
10       "aggregated":{  },
11       "recorded":1478140705
12     }
13   ],
14   "Timestamp":1478140713
15 }
```

The value of each of the POP keys is another JSON object that has various statistics. For example, here are the statistics for our San Jose F

```
1  "SJC" => {
2    "requests"         => 45,
3    "resp_header_bytes" => 22018,
4    "resp_body_bytes"   => 134564,
5    "hits"             => 200,
6    "miss"             => 48,
7    "synth"            => 4,
8    "errors"           => 5,
9    "hits_time"        => 200,
10   "miss_time"        => 1800,
11   "miss_histogram"  => {
12     "80"   => 33,
13     "90"   => 1,
14     "110"  => 1,
15     "170"  => 1,
16     "250"  => 1,
17     "300"  => 2,
18     "400"  => 1,
19     "650"  => 2,
20     "750"  => 1,
21     "1000" => 1,
22     "1100" => 1
23   }
24 }
```

The keys are the same as those mentioned on the [Historical Stats](#) page, but they show some statistics that have occurred since the last req

- Number of requests

- Number of bytes transmitted in headers

- Number of bytes transmitted in bodies

- Number of hits

- Number of misses

- Number of synthetic responses

- Number of errors

- Amount of time spent delivering hits

- Amount of time spent delivering misses

The `miss_histogram` object is a JSON object. The keys are time buckets in 10s of milliseconds, and the values are the number of requests provided above, 33 requests went to origin that took between 80 and 89 milliseconds to fetch.

The `miss_histogram` tops out at 60s. Any origin request that takes more than 60 seconds to return will be in the 60000 bucket.

Rate limiting

The real-time analytics API is rate limited internally. However, it is also cached behind Fastly with an expiration time of 1s. Under normal use for customers to hit that rate limit.

Remote Logging

S3

Fastly will upload log messages to the S3 bucket in the format specified in the S3 object.

Fields

field	type	description
access_key	*string*	Your S3 account access key.
acl	*string*	The access control list (ACL) specific request header. See the AWS documentation [(ACL) Specific Request Headers](#) for more information.
bucket_name	*string*	The bucket name for S3 account.
created_at	*string*	Time-stamp (GMT) when the endpoint was created.
deleted_at	*string*	Time-stamp (GMT) when the endpoint was deleted.
domain	*string*	The domain of the Amazon S3 endpoint.
format	*string*	Apache style log formatting.
format_version	*integer*	The version of the custom logging format used for the configured endpoint. Can be version 2 log format) or 1 (the version 1 log format). The logging call gets placed by `format_version` is set to `2` and in `vcl_deliver` if `format_version` is set to `1`.
gzip_level	*integer*	What level of GZIP encoding to have when dumping logs (default 0, no compressio
message_type	*string*	How the message should be formatted One of:
classic	–	(default) RFC 3164 syslog prefix.
loggly	–	RFC 5424 structured syslog.
logplex	–	Heroku-style length prefixed syslog.
blank	–	No prefix. Useful for writing JSON and CSV.
name	*string*	The name of the s3 rule.
path	*string*	The path to upload logs to.
period	*integer*	How frequently log files are finalized so they can be available for reading (in second
placement	*string*	Where in the generated VCL the logging call should be placed, overriding any form `none` or `waf_debug`. This field is not required and has no default value.

field	type	description
redundancy	*string*	The S3 redundancy level.
response_condition	*string*	When to execute the s3. If empty, always execute.
secret_key	*string*	Your S3 account secret key.
server_side_encryption_kms_key_id	*string*	Optional server-side KMS Key Id. Must be set if server_side_encryption is set to aw
server_side_encryption	-	String Set this to AES256 or aws:kms to enable S3 Server Side Encryption.
service_id	*string*	The alphanumeric string identifying a service.
timestamp_format	*string*	strftime specified timestamp formatting (default "%Y-%m-%dT%H:%M:%S.000").
updated_at	*string*	Time-stamp (GMT) when the endpoint was deleted.
version	*integer*	The current version of a service.

Actions

GET /service/ **service_id** /version/ **version** /logging/s3

List all of the S3s for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/s3 HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

[
  {
    "access_key": "AKIAIOSFODNN7EXAMPLE",
    "acl": "",
    "bucket_name": "my_bucket_name",
    "created_at": "2016-05-23T19:48:33+00:00",
    "deleted_at": null,
    "domain": "s3.amazonaws.com",
    "format": "%h %l %u %t \"%r\" %>s %b",
    "format_version": "2",
    "gzip_level": 0,
    "message_type": "classic",
    "name": "test-s3",
    "path": null,
    "period": "3600",
    "placement": null,
    "redundancy": null,
    "response_condition": "",
    "secret_key": "wJalrXUtnFEMI/K7MDENG/bPxRfiCYEXAMPLEKEY",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
    "updated_at": "2016-05-23T19:48:33+00:00",
    "version": "1"
  }
]
```

GET /service/ **service_id** /version/ **version** /logging/s3/ **name**

Get the S3 for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/s3/test-s3 HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
    "access_key": "AKIAIOSFODNN7EXAMPLE",
    "acl": "",
    "bucket_name": "my_bucket_name",
    "created_at": "2016-05-23T19:48:33+00:00",
    "deleted_at": null,
    "domain": "s3.amazonaws.com",
    "format": "%h %l %u %t \"%r\" %>s %b",
    "format_version": "2",
    "gzip_level": 0,
    "message_type": "classic",
    "name": "test-s3",
    "path": null,
    "period": "3600",
    "placement": null,
    "redundancy": null,
    "response_condition": "",
    "secret_key": "wJalrXUtnFEMI/K7MDENG/bPxRfiCYEXAMPLEKEY",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
    "updated_at": "2016-05-23T19:48:33+00:00",
    "version": "1"
}
```

POST /service/ **service_id** /version/ **version** /logging/s3

Create a S3 for a particular service and version
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/s3 HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=test-s3&bucket_name=my_corporate_bucket&access_key=AKIAIOSFODNN7EXAMPLE&secret_key=wJalrXUtnFEMI/K7MDENG/bPxRfiCYEXAMPLEK
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
    "access_key": "AKIAIOSFODNN7EXAMPLE",
    "acl": "",
    "bucket_name": "my_bucket_name",
    "created_at": "2016-05-23T19:48:33+00:00",
    "deleted_at": null,
    "domain": "s3.amazonaws.com",
    "format": "%h %l %u %t \"%r\" %>s %b",
    "format_version": "2",
    "gzip_level": 0,
    "message_type": "classic",
    "name": "test-s3",
    "path": null,
    "period": "3600",
    "placement": null,
    "redundancy": null,
    "response_condition": "",
    "secret_key": "wJalrXUtnFEMI/K7MDENG/bPxRfiCYEXAMPLEKEY",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
    "updated_at": "2016-05-23T19:48:33+00:00",
    "version": "1"
}
```

PUT /service/ **service_id** /version/ **version** /logging/s3/ **old_name**

Update the S3 for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Parameters

parameter	type	description
old_name	*string*	Old name of the S3 object (used to select the correct S3 object if the name has been changed).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/s3/test-s3 HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=updated-test-s3
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "access_key": "AKIAIOSFODNN7EXAMPLE",
  "acl": "",
  "bucket_name": "my_bucket_name",
  "created_at": "2016-05-23T19:48:33+00:00",
  "deleted_at": null,
  "domain": "s3.amazonaws.com",
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "gzip_level": 0,
  "message_type": "classic",
  "name": "updated-test-s3",
  "path": null,
  "period": "3600",
  "placement": null,
  "redundancy": null,
  "response_condition": "",
  "secret_key": "wJalrXUtnFEMI/K7MDENG/bPxRfiCYEXAMPLEKEY",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "updated_at": "2016-05-23T19:48:33+00:00",
  "version": "1"
}
```

DELETE /service/ **service_id** /version/ **version** /logging/s3/ **name**

Delete the S3 for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/s3/test-s3 HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "status": "ok"
}
```

⚠ **WARNING:** Our Amazon S3 Canary logging endpoint [will be deprecated](#) on October 31, 2019. It will not be supported beyond the dep
existing users. It is no longer available to new customers. Our existing [Amazon S3 logging endpoint](#), with its associated [API](#), offers the sa
deprecated logging endpoint, making the canary version unnecessary. Current users should migrate their logging endpoint to Amazon S3

S3 Canary

Fastly will upload log messages to the S3 bucket in the format specified in the S3 Canary object.

> ❶ **IMPORTANT:** This feature is part of a limited availability release. For more information, see our [product and feature lifecycle](#) descriptio

Fields

field	type	description
access_key	*string*	Your S3 account access key.
bucket_name	*string*	The bucket name for S3 account.
created_at	*string*	Time-stamp (GMT) when the endpoint was created.
deleted_at	*string*	Time-stamp (GMT) when the endpoint was deleted.
domain	*string*	The domain of the Amazon S3 endpoint.
format	*string*	Apache style log formatting.
format_version	*integer*	The version of the custom logging format used for the configured endpoint. Can be version 2 log format) or 1 (the version 1 log format). The logging call gets placed by `format_version` is set to `2` and in `vcl_deliver` if `format_version` is set to `1`.
gzip_level	*integer*	What level of GZIP encoding to have when dumping logs (default 0, no compressio
message_type	*string*	How the message should be formatted One of:
classic	–	(default) RFC 3164 syslog prefix.
loggly	–	RFC 5424 structured syslog.
logplex	–	Heroku-style length prefixed syslog.
blank	–	No prefix. Useful for writing JSON and CSV.
name	*string*	The name of the s3 rule.
path	*string*	The path to upload logs to.
period	*integer*	How frequently log files are finalized so they can be available for reading (in secon
placement	*string*	Where in the generated VCL the logging call should be placed, overriding any forma `none` or `waf_debug`. This field is not required and has no default value.
redundancy	*string*	The S3 redundancy level.
response_condition	*string*	When to execute the s3. If empty, always execute.
secret_key	*string*	Your S3 account secret key.
server_side_encryption_kms_key_id	*string*	Optional server-side KMS Key Id. Must be set if server_side_encryption is set to aw
server_side_encryption	*string*	Set this to AES256 or aws:kms to enable S3 Server Side Encryption.
service_id	*string*	The alphanumeric string identifying a service.
timestamp_format	*string*	strftime specified timestamp formatting (default "%Y-%m-%dT%H:%M:%S.000").

field	type	description
updated_at	*string*	Time-stamp (GMT) when the endpoint was deleted.
version	*integer*	The current version of a service.

Actions

GET /service/ **service_id** /version/ **version** /logging/s3canary

List all of the S3s for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/s3canary HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

[
  {
    "access_key": "AKIAIOSFODNN7EXAMPLE",
    "bucket_name": "my_bucket_name",
    "created_at": "2016-05-23T19:48:33+00:00",
    "deleted_at": null,
    "domain": "s3.amazonaws.com",
    "format": "%h %l %u %t \"%r\" %>s %b",
    "format_version": "2",
    "gzip_level": 0,
    "message_type": "classic",
    "name": "test-s3canary",
    "path": null,
    "period": "3600",
    "placement": null,
    "redundancy": null,
    "response_condition": "",
    "secret_key": "wJalrXUtnFEMI/K7MDENG/bPxRfiCYEXAMPLEKEY",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
    "updated_at": "2016-05-23T19:48:33+00:00",
    "version": "1"
  }
]
```

GET /service/ **service_id** /version/ **version** /logging/s3canary/ **name**

Get the S3 Canary for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/s3canary/test-s3canary HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "access_key": "AKIAIOSFODNN7EXAMPLE",
  "bucket_name": "my_bucket_name",
  "created_at": "2016-05-23T19:48:33+00:00",
  "deleted_at": null,
  "domain": "s3.amazonaws.com",
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "gzip_level": 0,
  "message_type": "classic",
  "name": "test-s3canary",
  "path": null,
  "period": "3600",
  "placement": null,
  "redundancy": null,
  "response_condition": "",
  "secret_key": "wJalrXUtnFEMI/K7MDENG/bPxRfiCYEXAMPLEKEY",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "updated_at": "2016-05-23T19:48:33+00:00",
  "version": "1"
}
```

POST /service/ **service_id** /version/ **version** /logging/s3canary

Create a S3 Canary for a particular service and version
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/s3canary HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=test-s3canary&bucket_name=my_corporate_bucket&access_key=AKIAIOSFODNN7EXAMPLE&secret_key=wJalrXUtnFEMI/K7MDENG/bPxRfiCYE>
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "access_key": "AKIAIOSFODNN7EXAMPLE",
  "bucket_name": "my_bucket_name",
  "created_at": "2016-05-23T19:48:33+00:00",
  "deleted_at": null,
  "domain": "s3.amazonaws.com",
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "gzip_level": 0,
  "message_type": "classic",
  "name": "test-s3canary",
  "path": null,
  "period": "3600",
  "placement": null,
  "redundancy": null,
  "response_condition": "",
  "secret_key": "wJalrXUtnFEMI/K7MDENG/bPxRfiCYEXAMPLEKEY",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "updated_at": "2016-05-23T19:48:33+00:00",
  "version": "1"
}
```

PUT /service/ **service_id** /version/ **version** /logging/s3canary/ **old_name**

Update the S3 Canary for a particular service and version
Authentication

API token of a user with at least `Engineer` permissions.
Parameters

parameter	type	description

parameter	type	description
old_name	*string*	Old name of the S3 object (used to select the correct S3 object if the name has been changed).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/s3canary/test-s3canary HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=updated-test-s3canary
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "access_key": "AKIAIOSFODNN7EXAMPLE",
  "bucket_name": "my_bucket_name",
  "created_at": "2016-05-23T19:48:33+00:00",
  "deleted_at": null,
  "domain": "s3.amazonaws.com",
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "gzip_level": 0,
  "message_type": "classic",
  "name": "updated-test-s3canary",
  "path": null,
  "period": "3600",
  "placement": null,
  "redundancy": null,
  "response_condition": "",
  "secret_key": "wJalrXUtnFEMI/K7MDENG/bPxRfiCYEXAMPLEKEY",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "updated_at": "2016-05-23T19:48:33+00:00",
  "version": "1"
}
```

DELETE /service/ **service_id** /version/ **version** /logging/s3canary/ **name**

Delete the S3 Canary for a particular service and version
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/s3canary/test-s3canary HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "status": "ok"
}
```

Microsoft Azure Blob Storage

Fastly will upload log messages to the Azure Blob Storage container in the format specified in the Azure Blob object.

Fields

field	type	description
name	*string*	The name of the Azure Blob Storage logging endpoint. Required.
path	*string*	The path to upload logs to.

field	type	description
service_id	*string*	The alphanumeric string identifying a service.
version	*integer*	The current version of a service.
account_name	*string*	The unique Azure Blob Storage namespace in which your data objects are stored. Required.
container	*string*	The name of the Azure Blob Storage container in which to store logs. Required.
sas_token	*string*	The Azure shared access signature providing write access to the blob service objects. Be sure to up< expires or the logging functionality will not work. Required.
period	*integer*	How frequently log files are finalized so they can be available for reading (in seconds, default 3600).
timestamp_format	*string*	strftime specified timestamp formatting (default "%Y-%m-%dT%H:%M:%S.000").
gzip_level	*integer*	What level of GZIP encoding to have when dumping logs (default 0, no compression).
public_key	*string*	A PGP public key that Fastly will use to encrypt your log files before writing them to disk.
format	*string*	Apache style log formatting.
format_version	*integer*	The version of the custom logging format used for the configured endpoint. Can be either 2 (the defa or 1 (the version 1 log format). The logging call gets placed by default in `vcl_log` if `format_versio` `vcl_deliver` if `format_version` is set to `1`.
message_type	*string*	How the message should be formatted. One of:
classic	–	(default) RFC 3164 syslog prefix.
loggly	–	RFC 5424 structured syslog.
logplex	–	Heroku-style length prefixed syslog.
blank	–	No prefix. Useful for writing JSON and CSV.
placement	*string*	Where in the generated VCL the logging call should be placed, overriding any format_version default `waf_debug`. This field is not required and has no default value.
response_condition	*string*	When to execute the Azure Blob Storage logging endpoint. If empty, always execute.
created_at	*string*	Time-stamp (GMT) when the endpoint was created.
updated_at	*string*	Time-stamp (GMT) when the endpoint was deleted.
deleted_at	*string*	Time-stamp (GMT) when the endpoint was deleted.

Actions

GET   /service/ **service_id** /version/ **version** /logging/azureblob

List all of the Azure Blob Storage logging endpoints for a particular service and version.

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/azureblob HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
[
  {
    "placement": null,
    "format_version": "2",
    "sas_token": "sv=2018-09-05&sr=b&sig=Z%2FRHIX5Xcg0Mq2rqI3OlWTjEg2tYkboXr1P9ZUXDtkk%3D&se=2018-09-30T02%3A23%3A26Z&sp=rw",
    "gzip_level": "0",
    "response_condition": "",
    "public_key": null,
    "updated_at": "2018-09-12T20:49:16Z",
    "message_type": "classic",
    "period": "3600",
    "name": "test-azure",
    "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "version": "1",
    "container": "test-container",
    "path": null,
    "deleted_at": null,
    "account_name": "test-account",
    "created_at": "2018-09-12T20:49:16Z",
    "format": "%h %l %u %t \"%r\" %>s %b"
  }
]
```

GET /service/ **service_id** /version/ **version** /logging/azureblob/ **name**

Get the Azure Blob Storage logging endpoint for a particular service and version.
Authentication

API token of a user with at least `Engineer` permissions.
Parameters

parameter	type	description
name	*string*	Name of the Azure rule.

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/azureblob/test-azure HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ **Response Example**

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "placement": null,
  "format_version": "2",
  "sas_token": "sv=2018-09-05&sr=b&sig=Z%2FRHIX5Xcg0Mq2rqI3OlWTjEg2tYkboXr1P9ZUXDtkk%3D&se=2018-09-30T02%3A23%3A26Z&sp=rw",
  "gzip_level": "0",
  "response_condition": "",
  "public_key": null,
  "updated_at": "2018-09-12T20:49:16Z",
  "message_type": "classic",
  "period": "3600",
  "name": "test-azure",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "container": "test-container",
  "path": null,
  "deleted_at": null,
  "account_name": "test-account",
  "created_at": "2018-09-12T20:49:16Z",
  "format": "%h %l %u %t \"%r\" %>s %b"
}
```

POST /service/ **service_id** /version/ **version** /logging/azureblob

Create an Azure Blob Storage logging endpoint for a particular service and version.
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/azureblob HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=test-azure&account_name=test-account&container=test-container&sas_token=sv=2018-09-
05&sr=b&sig=Z%2FRHIX5Xcg0Mq2rqI3OlWTjEg2tYkboXr1P9ZUXDtkk%3D&se=2018-09-30T02%3A23%3A26Z&sp=rw
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "placement": null,
  "format_version": "2",
  "sas_token": "sv=2018-09-05&sr=b&sig=Z%2FRHIX5Xcg0Mq2rqI3OlWTjEg2tYkboXr1P9ZUXDtkk%3D&se=2018-09-30T02%3A23%3A26Z&sp=rw",
  "gzip_level": "0",
  "response_condition": "",
  "public_key": null,
  "updated_at": "2018-09-12T20:49:16Z",
  "message_type": "classic",
  "period": "3600",
  "name": "test-azure",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "container": "test-container",
  "path": null,
  "deleted_at": null,
  "account_name": "test-account",
  "created_at": "2018-09-12T20:49:16Z",
  "format": "%h %l %u %t \"%r\" %>s %b"
}
```

PUT /service/ **service_id** /version/ **version** /logging/azureblob/ **name**

Update the Azure Blob Storage logging endpoint for a particular service and version.

Authentication

[API token](#) of a user with at least `Engineer` permissions.

Parameters

parameter	type	description
name	*string*	Name of the Azure rule.

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/azureblob/test-azure HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
sas_token=sv=2018-09-05&sr=b&sig=Z%2FRHIX5Xcg0Mq2rqI3OlWTjEg2tYkboXr1P9ZUXDtkk%3D&se=2019-09-05T02%3A23%3A26Z&sp=rw
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "placement": null,
  "format_version": "2",
  "sas_token": "sv=2018-09-05&sr=b&sig=Z%2FRHIX5Xcg0Mq2rqI3OlWTjEg2tYkboXr1P9ZUXDtkk%3D&se=2019-09-05T02%3A23%3A26Z&sp=rw",
  "gzip_level": "0",
  "response_condition": "",
  "public_key": null,
  "updated_at": "2018-09-13T01:52:17Z",
  "message_type": "classic",
  "period": "3600",
  "name": "test-azure",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "container": "test-container",
  "path": null,
  "deleted_at": null,
  "account_name": "test-account",
  "created_at": "2018-09-12T20:49:16Z",
  "format": "%h %l %u %t \"%r\" %>s %b"
}
```

DELETE /service/ **service_id** /version/ **version** /logging/azureblob/ **name**

Delete the Azure Blob Storage logging endpoint for a particular service and version.

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Parameters

parameter	type	description
name	*string*	Name of the Azure rule.

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/azureblob/test-azure HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "status": "ok"
}
```

Cloudfiles

Fastly will upload log messages to your Rackspace Cloud Files account.

> ⚠ **IMPORTANT:** This feature is part of a limited availability release. For more information, see our [product and feature lifecycle](#) descriptio

Fields

field	type	description
access_key	*string*	Your Cloudfile account access key.
bucket_name	*string*	The name of your Cloudfiles container.
created_at	*string*	Time-stamp (GMT) when the endpoint was created.
deleted_at	*string*	Time-stamp (GMT) when the endpoint was deleted.
format	*string*	Apache style log formatting.

field	type	description
format_version	*integer*	The version of the custom logging format used for the configured endpoint. Can be either 2 (the defa or 1 (the version 1 log format). The logging call gets placed by default in `vcl_log` if `format_versio` `vcl_deliver` if `format_version` is set to `1`.
gzip_level	*integer*	What level of GZIP encoding to have when dumping logs (default 0, no compression).
message_type	*string*	How the message should be formatted One of:
classic	-	(default) RFC 3164 syslog prefix.
loggly	-	RFC 5424 structured syslog.
logplex	-	Heroku-style length prefixed syslog.
blank	-	No prefix. Useful for writing JSON and CSV.
name	*string*	The name of the Cloudfiles rule.
path	*string*	The path to upload logs to.
region	*string*	The region to stream logs to. One of:
DFW	-	Dallas
ORD	-	Chicago
IAD	-	Northern Virginia
LON	-	London
SYD	-	Sydney
HKG	-	Hong Kong
period	*integer*	How frequently log files are finalized so they can be available for reading (in seconds, default 3600).
placement	*string*	Where in the generated VCL the logging call should be placed, overriding any format_version default `waf_debug`. This field is not required and has no default value.
response_condition	*string*	When to execute the cloudfiles. If empty, always execute.
service_id	*string*	The alphanumeric string identifying a service.
timestamp_format	*string*	The specified format of the log's timestamp.
updated_at	*string*	Time-stamp (GMT) when the endpoint was deleted.
user	*string*	The username for your Cloudfile account.
version	*integer*	The current version of a service.

Actions

GET /service/ **service_id** /version/ **version** /logging/cloudfiles

List all of the cloudfiles for a particular service and version

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/cloudfiles HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json


[
  {
    "gzip_level": "0",
    "service_id": "0v6YYHrN5udQxdHLxD84oZ",
    "bucket_name": "test-bucket",
    "user": "test-user",
    "public_key": null,
    "created_at": "2019-05-21T22:49:44Z",
    "name": "test-cloudfiles",
    "response_condition": "",
    "period": "3600",
    "message_type": "classic",
    "deleted_at": null,
    "region": null,
    "access_key": "AKIAIOSFODNN7EXAMPLE",
    "format": "%h %l %u %t \"%r\" %>s %b",
    "updated_at": "2019-05-21T22:49:44Z",
    "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
    "path": null,
    "version": "1",
    "placement": null,
    "format_version": "2"
  }
]
```

GET /service/ **service_id** /version/ **version** /logging/cloudfiles/ **name**

Get the cloudfiles for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/cloudfiles/test-cloudfiles HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json


{
  "gzip_level": "0",
  "service_id": "0v6YYHrN5udQxdHLxD84oZ",
  "bucket_name": "test-bucket",
  "user": "test-user",
  "created_at": "2019-05-21T22:49:44Z",
  "public_key": null,
  "response_condition": "",
  "name": "test-cloudfiles",
  "period": "3600",
  "region": null,
  "deleted_at": null,
  "message_type": "classic",
  "access_key": "AKIAIOSFODNN7EXAMPLE",
  "updated_at": "2019-05-21T22:49:44Z",
  "format": "%h %l %u %t \"%r\" %>s %b",
  "version": "1",
  "path": null,
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "placement": null,
  "format_version": "2"
}
```

POST /service/ **service_id** /version/ **version** /logging/cloudfiles

Create a cloudfiles for a particular service and version

Authentication

API token of a user with at least `Engineer` permissions.

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/cloudfiles HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=test-cloudfiles \
     &user=test-user \
     &bucket_name=test-bucket \
     &access_key=AKIAIOSFODNN7EXAMPLE \
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "name": "test-cloudfiles",
  "user": "test-user",
  "access_key": "AKIAIOSFODNN7EXAMPLE",
  "bucket_name": "test-bucket",
  "service_id": "0v6YYHrN5udQxdHLxD84oZ",
  "version": "1",
  "format_version": "2",
  "path": null,
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "placement": null,
  "updated_at": "2019-05-21T22:49:44Z",
  "format": "%h %l %u %t \"%r\" %>s %b",
  "deleted_at": null,
  "region": null,
  "message_type": "classic",
  "response_condition": "",
  "period": 3600,
  "created_at": "2019-05-21T22:49:44Z",
  "public_key": null,
  "gzip_level": 0
}
```

PUT /service/ **service_id** /version/ **version** /logging/cloudfiles/ **old_name**

Update the cloudfiles for a particular service and version

Authentication

API token of a user with at least `Engineer` permissions.

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/cloudfiles/test-cloudfiles HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=updated-test-cloudfiles
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "placement": null,
  "version": "1",
  "path": null,
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "format_version": "2",
  "deleted_at": null,
  "region": null,
  "message_type": "classic",
  "updated_at": "2019-05-21T22:49:44Z",
  "format": "%h %l %u %t \"%r\" %>s %b",
  "access_key": "AKIAIOSFODNN7EXAMPLE",
  "created_at": "2019-05-21T22:49:44Z",
  "public_key": null,
  "user": "test-user",
  "period": "3600",
  "response_condition": "",
  "name": "updated-test-cloudfiles",
  "service_id": "0v6YYHrN5udQxdHLxD84oZ",
  "gzip_level": "0",
  "bucket_name": "test-bucket"
}
```

DELETE /service/ **service_id** /version/ **version** /logging/cloudfiles/ **name**

Delete the cloudfiles for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/cloudfiles/test-cloudfiles HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json


{
  "status": "ok"
}
```

DigitalOcean Spaces

Fastly will upload log messages to the DigitalOcean Space in the format specified in the DigitalOcean Spaces object.

Fields

field	type	description
name	*string*	The name of the DigitalOcean object.
service_id	*string*	The alphanumeric string identifying a service.
version	*integer*	The current version of a service.
bucket_name	*string*	The name of the DigitalOcean Space.
access_key	*string*	Your DigitalOcean Spaces account access key.
secret_key	*string*	Your DigitalOcean Spaces account secret key.
domain	*string*	The domain of the DigitalOcean Spaces endpoint (default "nyc3.digitaloceanspaces.com").
path	*string*	The path to upload logs to.
period	*integer*	How frequently log files are finalized so they can be available for reading (in seconds, default 3600).

field	type	description
timestamp_format	*string*	strftime specified timestamp formatting (default "%Y-%m-%dT%H:%M:%S.000").
gzip_level	*integer*	What level of GZIP encoding to have when dumping logs (default 0, no compression).
public_key	*string*	A PGP public key that Fastly will use to encrypt your log files before writing them to disk.
format	*string*	Apache style log formatting.
format_version	*integer*	The version of the custom logging format used for the configured endpoint. Can be either 2 (the defa or 1 (the version 1 log format). The logging call gets placed by default in `vcl_log` if `format_versio` `vcl_deliver` if `format_version` is set to `1`.
message_type	*string*	How the message should be formatted. One of:
classic	–	(default) RFC 3164 syslog prefix.
loggly	–	RFC 5424 structured syslog.
logplex	–	Heroku-style length prefixed syslog.
blank	–	No prefix. Useful for writing JSON and CSV.
placement	*string*	Where in the generated VCL the logging call should be placed, overriding any format_version default `waf_debug`. This field is not required and has no default value.
response_condition	*string*	When to execute the DigitalOcean object. If empty, always execute.
created_at	*string*	Time-stamp (GMT) when the endpoint was created.
updated_at	*string*	Time-stamp (GMT) when the endpoint was deleted.
deleted_at	*string*	Time-stamp (GMT) when the endpoint was deleted.

Actions

GET /service/ **service_id** /version/ **version** /logging/digitalocean

List all of the DigitalOcean Spaces for a particular service and version
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/digitalocean HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
[
  {
    "access_key": "AKIAIOSFODNN7EXAMPLE",
    "bucket_name": "my_space_name",
    "created_at": "2016-05-23T19:48:33+00:00",
    "deleted_at": null,
    "domain": "nyc3.digitaloceanspaces.com",
    "format": "%h %l %u %t \"%r\" %>s %b",
    "format_version": "2",
    "gzip_level": 0,
    "message_type": "classic",
    "name": "test-digitalocean",
    "path": null,
    "period": "3600",
    "placement": null,
    "response_condition": "",
    "secret_key": "wJalrXUtnFEMI/K7MDENG/bPxRfiCYEXAMPLEKEY",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
    "updated_at": "2016-05-23T19:48:33+00:00",
    "version": "1"
  }
]
```

GET /service/ **service_id** /version/ **version** /logging/digitalocean/ **name**

Get the DigitalOcean Space for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/digitalocean/test-digitalocean HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "access_key": "AKIAIOSFODNN7EXAMPLE",
  "bucket_name": "my_space_name",
  "created_at": "2016-05-23T19:48:33+00:00",
  "deleted_at": null,
  "domain": "nyc3.digitaloceanspaces.com",
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "gzip_level": 0,
  "message_type": "classic",
  "name": "test-digitalocean",
  "path": null,
  "period": "3600",
  "placement": null,
  "response_condition": "",
  "secret_key": "wJalrXUtnFEMI/K7MDENG/bPxRfiCYEXAMPLEKEY",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "updated_at": "2016-05-23T19:48:33+00:00",
  "version": "1"
}
```

POST /service/ **service_id** /version/ **version** /logging/digitalocean

Create a DigitalOcean Space for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/digitalocean HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=test-digitalocean&bucket_name=my_corporate_bucket&access_key=AKIAIOSFODNN7EXAMPLE&secret_key=wJalrXUtnFEMI/K7MDENG/bPxRf
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "access_key": "AKIAIOSFODNN7EXAMPLE",
  "bucket_name": "my_space_name",
  "created_at": "2016-05-23T19:48:33+00:00",
  "deleted_at": null,
  "domain": "nyc3.digitaloceanspaces.com",
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "gzip_level": 0,
  "message_type": "classic",
  "name": "test-digitalocean",
  "path": null,
  "period": "3600",
  "placement": null,
  "response_condition": "",
  "secret_key": "wJalrXUtnFEMI/K7MDENG/bPxRfiCYEXAMPLEKEY",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "updated_at": "2016-05-23T19:48:33+00:00",
  "version": "1"
}
```

PUT /service/ **service_id** /version/ **version** /logging/digitalocean/ **old_name**

Update the DigitalOcean Space for a particular service and version

Authentication

API token of a user with at least `Engineer` permissions.

Parameters

parameter	type	description
old_name	*string*	Old name of the DigitalOcean Spaces object (used to select the correct DigitalOcean Spaces object if the name

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/digitalocean/test-digitalocean HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=updated-test-digitalocean
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "access_key": "AKIAIOSFODNN7EXAMPLE",
  "bucket_name": "my_bucket_name",
  "created_at": "2016-05-23T19:48:33+00:00",
  "deleted_at": null,
  "domain": "nyc3.digitaloceanspaces.com",
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "gzip_level": 0,
  "message_type": "classic",
  "name": "updated-test-digitalocean",
  "path": null,
  "period": "3600",
  "placement": null,
  "response_condition": "",
  "secret_key": "wJalrXUtnFEMI/K7MDENG/bPxRfiCYEXAMPLEKEY",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "updated_at": "2016-05-23T19:48:33+00:00",
  "version": "1"
}
```

DELETE /service/ **service_id** /version/ **version** /logging/digitalocean/ **name**

Delete the DigitalOcean Space for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/digitalocean/test-digitalocean HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "status": "ok"
}
```

FTP

Fastly will upload log messages periodically to the server in the format specified in the FTP object.

Fields

field	type	description
address	*string*	An hostname or IPv4 address.
created_at	*string*	Time-stamp (GMT) when the endpoint was created.
deleted_at	*string*	Time-stamp (GMT) when the endpoint was deleted.
format	*string*	Apache style log formatting.
format_version	*integer*	The version of the custom logging format used for the configured endpoint. Can be either 2 (the defa or 1 (the version 1 log format). The logging call gets placed by default in `vcl_log` if `format_version` `vcl_deliver` if `format_version` is set to `1`.
gzip_level	*integer*	What level of GZIP encoding to have when dumping logs (default 0, no compression).
hostname	*string*	Hostname used.
ipv4	*string*	IPv4 address of the host.
message_type	*string*	How the message should be formatted One of:
classic	–	(default) RFC 3164 syslog prefix.
loggly	–	RFC 5424 structured syslog.
logplex	–	Heroku-style length prefixed syslog.
blank	–	No prefix. Useful for writing JSON and CSV.
name	*string*	The name of the ftp endpoint.
password	*string*	The password for the server (for anonymous use an email address).
path	*string*	The path to upload log files to. If the path ends in / then it is treated as a directory.
period	*integer*	How frequently log files are finalized so they can be available for reading (in seconds, default 3600).

field	type	description
placement	*string*	Where in the generated VCL the logging call should be placed, overriding any format_version default `waf_debug`. This field is not required and has no default value.
port	*integer*	The port number.
response_condition	*string*	When to execute the ftp. If empty, always execute.
service_id	*string*	The alphanumeric string identifying a service.
timestamp_format	*string*	strftime specified timestamp formatting (default "%Y-%m-%dT%H:%M:%S.000").
updated_at	*string*	Time-stamp (GMT) when the endpoint was updated.
user	*string*	The username for the server (can be anonymous).
version	*integer*	The current version of a service.

Actions

GET /service/ **service_id** /version/ **version** /logging/ftp

List all of the FTPs for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/ftp HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

[
  {
    "address": "example.com",
    "created_at": "2016-05-17T18:27:29+00:00",
    "deleted_at": null,
    "format": "%h %l %u %t \"%r\" %>s %b",
    "format_version": "2",
    "gzip_level": "0",
    "hostname": "example.com",
    "ipv4": "127.0.0.1",
    "message_type": "classic",
    "name": "test-ftp",
    "password": "ftp@example.com",
    "path": "/",
    "period": "3600",
    "placement": null,
    "port": "514",
    "response_condition": "",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
    "updated_at": "2016-05-17T18:27:29+00:00",
    "user": "anonymous",
    "version": "1"
  }
]
```

GET /service/ **service_id** /version/ **version** /logging/ftp/ **name**

Get the FTP for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/ftp/test-ftp HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "address": "example.com",
  "created_at": "2016-05-17T18:27:29+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "gzip_level": 0,
  "hostname": "example.com",
  "ipv4": "127.0.0.1",
  "message_type": "classic",
  "name": "test-ftp",
  "password": "ftp@example.com",
  "path": "/",
  "period": "3600",
  "placement": null,
  "port": "514",
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "updated_at": "2016-05-17T18:27:29+00:00",
  "user": "anonymous",
  "version": "1"
}
```

POST /service/ **service_id** /version/ **version** /logging/ftp

Create a FTP for a particular service and version
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/ftp HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=test-ftp&address=example.com&user=anonymous&password=ftp@example.com&path=/
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "address": "example.com",
  "created_at": "2016-05-17T18:27:29+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "gzip_level": 0,
  "hostname": "example.com",
  "ipv4": "127.0.0.1",
  "message_type": "classic",
  "name": "test-ftp",
  "password": "ftp@example.com",
  "path": "/",
  "period": "3600",
  "placement": null,
  "port": "514",
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "updated_at": "2016-05-17T18:27:29+00:00",
  "user": "anonymous",
  "version": "1"
}
```

PUT /service/ **service_id** /version/ **version** /logging/ftp/ **old_name**

Update the FTP for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Parameters

parameter	type	description
old_name	*string*	Old name of the FTP object (used to select the correct FTP object if the name has been changed).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/ftp/test-ftp HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=updated-test-ftp
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "address": "example.com",
  "created_at": "2016-05-17T18:27:29+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "gzip_level": 0,
  "hostname": "example.com",
  "ipv4": "127.0.0.1",
  "message_type": "classic",
  "name": "updated-test-ftp",
  "password": "ftp@example.com",
  "path": "/",
  "period": "3600",
  "placement": null,
  "port": "514",
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "updated_at": "2016-05-17T18:27:29+00:00",
  "user": "anonymous",
  "version": "1"
}
```

DELETE /service/ **service_id** /version/ **version** /logging/ftp/ **name**

Delete the FTP for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/ftp/test-ftp HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "status": "ok"
}
```

Google BigQuery Logging

Fastly will upload log messages to the Google BigQuery dataset and table in the format specified in the BigQuery logging object.

Fields

field	type	description
name	*string*	The name of the BigQuery logging object. Used as a primary key for API access.
service_id	*string*	The alphanumeric string identifying a service.
version	*integer*	The current version of a service.
format	*string*	Apache style log formatting. Must produce JSON that matches the schema of your BigQuery table.
format_version	*integer*	The version of the custom logging format used for the configured endpoint. Can be either 2 (the defa or 1 (the version 1 log format). The logging call gets placed by default in `vcl_log` if `format_version` `vcl_deliver` if `format_version` is set to `1`.
user	*string*	Your Google Cloud Platform service account email address. The client_email field in your service acc JSON.
secret_key	*string*	Your Google Cloud Platform account secret key. The private_key field in your service account auther
project_id	*string*	Your Google Cloud Platform project ID.
dataset	*string*	Your BigQuery dataset.
table	*string*	Your BigQuery table.
template_suffix	*string*	BigQuery table name suffix template. Optional.
placement	*string*	Where in the generated VCL the logging call should be placed, overriding any format_version default `waf_debug`. This field is not required and has no default value.
response_condition	*string*	When to execute the BigQuery logging rule. If empty, always execute.
created_at	*string*	Time-stamp (GMT) when the object was created.
updated_at	*string*	Time-stamp (GMT) when the object was updated.
deleted_at	*string*	Time-stamp (GMT) when the object was deleted.

Actions

GET /service/ **service_id** /version/ **version** /logging/bigquery

List all of the BigQuery logging objects for a particular service and version.
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/bigquery HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
[
  {
    "placement": null,
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "name": "my_bigquery_logging",
    "format": "{\n \"timestamp\":\"%{begin:%Y-%m-%dT%H:%M:%S}t\",\n  \"time_elapsed\":%{time.elapsed.usec}V,\n  \"is_tls\":%{i
\"false\")}V,\n  \"client_ip\":\"%{req.http.Fastly-Client-IP}V\",\n  \"geo_city\":\"%{client.geo.city}V\",\n  \"geo_country_co
{client.geo.country_code}V\",\n  \"request\":\"%{req.request}V\",\n  \"host\":\"%{req.http.Fastly-Orig-Host}V\",\n  \"url\":\"
{json.escape(req.url)}V\",\n  \"request_referer\":\"%{json.escape(req.http.Referer)}V\",\n  \"request_user_agent\":\"%{json.es
Agent)}V\",\n  \"request_accept_language\":\"%{json.escape(req.http.Accept-Language)}V\",\n  \"request_accept_charset\":\"%
{json.escape(req.http.Accept-Charset)}V\",\n  \"cache_status\":\"%{regsub(fastly_info.state, \"^(HIT-(SYNTH)|(HITPASS|HIT|MISS
\"\\\2\\\3\") }V\"\n}",
    "format_version": "2",
    "user": "fastly-bigquery-log@example-fastly-log.iam.gserviceaccount.com",
    "project_id": "example-fastly-log",
    "dataset": "fastly_log_test",
    "table": "fastly_logs",
    "template_suffix": null,
    "secret_key": "-----BEGIN PRIVATE KEY-----
\nMIIEvgIBADANBgkqhkiG9w0BAQEFAASCBKgwggSkAgEAAoIBAQC7bPG9yaIYd5AL\nmvOaYvNozFJB/VWS53KWBll769kJvlmgMks6r6Xrv8w6rjxWKjZeDrnXVi
FMGArw0lIvQzgT4/BlndXU5RNxfah/8m7q/GIF6oNYWzfJwvv\nzodxDUqIRH2e2JWidNRjElHuogYHLhV4O/od5pAkfDwak/ihuuh/2VA3Auwb3nph\ndX2F0JBs1
A4Q7W4v21x1EnJt+biXOrERk1rm4ieEE\nU3WkjR5c5gvG8xcWyYod87RNFELmIhCCytI1+t5C3Em/jPsQFtLzwHpbNhdW4oEm\nn7d06n75AgMBAAECggEAWRh26]
1JmxC6Mhz4cVGdq\nT57Y6DLrWuA4A4UkJYm3gorZiSXWF5PQthAVb/bf8bxXY7nZYpEWhnc09SD5aAAq\nREp0vMx8aWQ709K2YUJg+zDUo7u2d3YmVH8HH5TD43d
w06FFW+fz/etrWiNyhrlTsbkMbSgU+GpFFBq1pCd0ni5d1YM1rsaAaUpmkwdjgjL\noDs+M/L/HtqfEhyZNdw8JF7EJXVE1bIl7/NL0rBInhyO28FcB56t/AG5nzXI
ZItEpnyzuV8DZo461wy1hSvqQKBgQDhSsg2cHkTrtBW8x0A\n3BwB/ygdkkxm1OIvfioT+JBneRufUPvVIM2aPZBBGKEedDAmIGn/8f9XAHhKjs8B\nEsPRgE206s4
oJFuJrNy9mJt8gs7AnnoBa9u/J4naW\ne1tfC8fUfsa7kdzblDhcRQ8FhwKBgQDU+N4kPzIdUuJDadd6TkBbjUNPEfZzU5+t\nIike2VSRhApxAxviUnTDsTROwJRz
s77ttcGQRdu16\n+vT1iualiCJe+/iMbl+PiJtFwhEHECLU9QfgBVS6r2lDAlZA+w6nwCRiidlrObzO\nCXqVOzN3fwKBgAsrOuu//bClHP0ChnCReO38aU+1/gWnI
G6hZlEkFBDMPWzq62doKv+gPgpRkfmV0DenHuYnGrrHdG3p2IxYoCSuq/QupPA\nPpU+xjDMhpQI30zuu4/rQq+/yD14+aoSKYB3xAtb0Zxg6dMU8QpZ/hmnAoGBAI
eNNrYCtQ57R/WU/FImWm6OnJGNmsMO6Q2jJiT12RKKjg8\nOxrYGz7vTfOIDOddyAiPhXPUSyyF/3uvCrIzUUsmeeUJ8xq9dVwQ5HS3pYuKVfDg\nXYHbG4w9UJaFl
9tZXAoGBAKpsdjSd3R+llaAv2HQ8\nGMlN92UTr5i9w++QMXq4qspH5NEYqz3NHbKuYthZqxEsRUZbRP50eDWU4jvxFVJl\nLBFINp6B+3AsIme0YCyOaleB/Cy034
G+x1evS/76f\nKT0KS+ySjCAEWgg4v+mjUDUV\n-----END PRIVATE KEY-----\n",
    "created_at": "2016-05-17T20:23:15+00:00",
    "updated_at": "2016-05-17T20:23:15+00:00",
    "deleted_at": null,
    "response_condition": ""
  }
]
```

GET /service/ **service_id** /version/ **version** /logging/bigquery/ **name**

Get the details for a BigQuery logging object for a particular service and version.

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Parameters

parameter	type	description
name	*string*	Name of the BigQuery logging object.

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/bigquery/my_bigquery_logging HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ **Response Example**

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "placement": null,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "name": "my_bigquery_logging",
  "format": "{\n \"timestamp\":\"%{begin:%Y-%m-%dT%H:%M:%S}t\",\n  \"time_elapsed\":%{time.elapsed.usec}V,\n  \"is_tls\":%{if(
\"false\")}V,\n  \"client_ip\":\"%{req.http.Fastly-Client-IP}V\",\n  \"geo_city\":\"%{client.geo.city}V\",\n  \"geo_country_co
{client.geo.country_code}V\",\n  \"request\":\"%{req.request}V\",\n  \"host\":\"%{req.http.Fastly-Orig-Host}V\",\n  \"url\":\"
{json.escape(req.url)}V\",\n  \"request_referer\":\"%{json.escape(req.http.Referer)}V\",\n  \"request_user_agent\":\"%{json.es
Agent)}V\",\n  \"request_accept_language\":\"%{json.escape(req.http.Accept-Language)}V\",\n  \"request_accept_charset\":\"%
{json.escape(req.http.Accept-Charset)}V\",\n  \"cache_status\":\"%{regsub(fastly_info.state, \"^(HIT-(SYNTH)|(HITPASS|HIT|MISS
\"\\\\2\\\\3\") }V\"\n}",
  "format_version": "2",
  "user": "fastly-bigquery-log@example-fastly-log.iam.gserviceaccount.com",
  "project_id": "example-fastly-log",
  "dataset": "fastly_log_test",
  "table": "fastly_logs",
  "template_suffix": null,
  "secret_key": "-----BEGIN PRIVATE KEY-----
\nMIIEvgIBADANBgkqhkiG9w0BAQEFAASCBKgwggSkAgEAAoIBAQC7bPG9yaIYd5AL\nmvOaYvNozFJB/VWS53KWBll769kJvlmgMks6r6Xrv8w6rjxWKjZeDrnXV1
FMGArw0lIvQzgT4/BlndXU5RNxfah/8m7q/GIF6oNYWzfJwvv\nzodxDUqIRH2e2JWidNRjElHuogYHLhV4O/od5pAkfDwak/ihuuh/2VA3Auwb3nph\ndX2F0JBsI
A4Q7W4v21x1EnJt+biXOrERk1rm4ieEE\nU3WkjR5c5gvG8xcWyYod87RNFELmIhCCytI1+t5C3Em/jPsQFtLzwHpbNhdW4oEm\nnn7d06n75AgMBAAECggEAWRh26I
1JmxC6Mhz4cVGdq\nT57Y6DLrWuA4A4UkJYm3gorZiSXWF5PQthAVb/bf8bxXY7nZYpEWhnc09SD5aAAq\nREp0vMx8aWQ709K2YUJg+zDUo7u2d3YmVH8HH5TD43c
w06FFW+fz/etrWiNyhrlTsbkMbSgU+GpFFBq1pCd0ni5d1YM1rsaAaUpmkwdjgjL\noDs+M/L/HtqfEhyZNdw8JF7EJXVE1bIl7/NL0rBInhyO28FcKB56t/AG5nzXP
ZItEpnyzuV8DZo461wy1hSvqQKBgQDhSsg2cHkTrtBW8x0A\n3BwB/ygdkkxm1OIvfioT+JBneRufUPvVIM2aPZBBGKEedDAmIGn/8f9XAHhKjs8B\nEsPRgE206s4
oJFuJrNy9mJt8gs7AnnoBa9u/J4naW\ne1tfC8fUfsa7kdzblDhcRQ8FhwKBgQDU+N4kPzIdUuJDadd6TkBbjUNPEfZzU5+t\nIike2VSRhApxAxviUnTDsTROwJRz
s77ttcGQRdu16\n+vT1iualiCJe+/iMbl+PiJtFwhEHECLU9QfgBVS6r2lDAlZA+w6nwCRiidlrObzO\nCXqVOzN3fwKBgAsrOuu//bClHP0ChnCReO38aU+1/gWnI
G6hZlEkFBDMPWzq62doKv+gPgpRkfmV0DenHuYnGrrHdG3p2IxYoCSuq/QupPA\nPpU+xjDMhpQI30zuu4/rQq+/yDl4+aoSKYB3xAtb0Zxg6dMU8QpZ/hmnAoGBAI
eNNrYCtQ57R/WU/FImWm6OnJGNmsMO6Q2jJiT12RKKjg8\nOxrYGz7vTfOIDOddyAiPhXPUSyyF/3uvCrIzUUsmeeUJ8xq9dVwQ5HS3pYuKVfDg\nXYHbG4w9UJaFI
9tZXAoGBAKpsdjSd3R+llaAv2HQ8\nGMlN92UTr5i9w++QMXq4qspH5NEYqz3NHbKuYthZqxEsRUZbRP50eDWU4jvxFVJl\nLBFINp6B+3AsIme0YCyOaleB/Cy034
G+x1evS/76f\nKT0KS+ySjCAEWgg4v+mjUDUV\n-----END PRIVATE KEY-----\n",
  "created_at": "2016-05-17T20:23:15+00:00",
  "updated_at": "2016-05-17T20:23:15+00:00",
  "deleted_at": null,
  "response_condition": ""
}
```

POST /service/ **service_id** /version/ **version** /logging/bigquery

Create a BigQuery logging object for a particular service and version.

Authentication

[API token](#) of a user with at least `Engineer` permissions.

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/bigquery HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=my_bigquery_logging&project_id=example-fastly-log&dataset=fastly_log_test&table=fastly_logs&user=fastly-bigquery-log@exam
log.iam.gserviceaccount.com&secret_key=-----BEGIN PRIVATE KEY-----
\nMIIEvgIBADANBgkqhkiG9w0BAQEFAASCBKgwggSkAgEAAoIBAQC7bPG9yaIYd5AL\nmvOaYvNozFJB/VWS53KWBll769kJvlmgMks6r6Xrv8w6rjxWKjZeDrnXV1
FMGArw0lIvQzgT4/BlndXU5RNxfah/8m7q/GIF6oNYWzfJwvv\nzodxDUqIRH2e2JWidNRjElHuogYHLhV4O/od5pAkfDwak/ihuuh/2VA3Auwb3nph\ndX2F0JBsI
A4Q7W4v21x1EnJt+biXOrERk1rm4ieEE\nU3WkjR5c5gvG8xcWyYod87RNFELmIhCCytI1+t5C3Em/jPsQFtLzwHpbNhdW4oEm\nnn7d06n75AgMBAAECggEAWRh26I
1JmxC6Mhz4cVGdq\nT57Y6DLrWuA4A4UkJYm3gorZiSXWF5PQthAVb/bf8bxXY7nZYpEWhnc09SD5aAAq\nREp0vMx8aWQ709K2YUJg+zDUo7u2d3YmVH8HH5TD43c
w06FFW+fz/etrWiNyhrlTsbkMbSgU+GpFFBq1pCd0ni5d1YM1rsaAaUpmkwdjgjL\noDs+M/L/HtqfEhyZNdw8JF7EJXVE1bIl7/NL0rBInhyO28FcKB56t/AG5nzXP
ZItEpnyzuV8DZo461wy1hSvqQKBgQDhSsg2cHkTrtBW8x0A\n3BwB/ygdkkxm1OIvfioT+JBneRufUPvVIM2aPZBBGKEedDAmIGn/8f9XAHhKjs8B\nEsPRgE206s4
oJFuJrNy9mJt8gs7AnnoBa9u/J4naW\ne1tfC8fUfsa7kdzblDhcRQ8FhwKBgQDU+N4kPzIdUuJDadd6TkBbjUNPEfZzU5+t\nIike2VSRhApxAxviUnTDsTROwJRz
s77ttcGQRdu16\n+vT1iualiCJe+/iMbl+PiJtFwhEHECLU9QfgBVS6r2lDAlZA+w6nwCRiidlrObzO\nCXqVOzN3fwKBgAsrOuu//bClHP0ChnCReO38aU+1/gWnI
G6hZlEkFBDMPWzq62doKv+gPgpRkfmV0DenHuYnGrrHdG3p2IxYoCSuq/QupPA\nPpU+xjDMhpQI30zuu4/rQq+/yDl4+aoSKYB3xAtb0Zxg6dMU8QpZ/hmnAoGBAI
eNNrYCtQ57R/WU/FImWm6OnJGNmsMO6Q2jJiT12RKKjg8\nOxrYGz7vTfOIDOddyAiPhXPUSyyF/3uvCrIzUUsmeeUJ8xq9dVwQ5HS3pYuKVfDg\nXYHbG4w9UJaFI
9tZXAoGBAKpsdjSd3R+llaAv2HQ8\nGMlN92UTr5i9w++QMXq4qspH5NEYqz3NHbKuYthZqxEsRUZbRP50eDWU4jvxFVJl\nLBFINp6B+3AsIme0YCyOaleB/Cy034
G+x1evS/76f\nKT0KS+ySjCAEWgg4v+mjUDUV\n-----END PRIVATE KEY-----\n
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "placement": null,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "name": "my_bigquery_logging",
  "format": "{\n \"timestamp\":\"%{begin:%Y-%m-%dT%H:%M:%S}t\",\n \"time_elapsed\":%{time.elapsed.usec}V,\n \"is_tls\":%{if(
\"false\")}V,\n \"client_ip\":\"%{req.http.Fastly-Client-IP}V\",\n \"geo_city\":\"%{client.geo.city}V\",\n \"geo_country_cc
{client.geo.country_code}V\",\n \"request\":\"%{req.request}V\",\n \"host\":\"%{req.http.Fastly-Orig-Host}V\",\n \"url\":\"
{json.escape(req.url)}V\",\n \"request_referer\":\"%{json.escape(req.http.Referer)}V\",\n \"request_user_agent\":\"%{json.es
Agent)}V\",\n \"request_accept_language\":\"%{json.escape(req.http.Accept-Language)}V\",\n \"request_accept_charset\":\"%
{json.escape(req.http.Accept-Charset)}V\",\n \"cache_status\":\"%{regsub(fastly_info.state, \"^(HIT-(SYNTH)|(HITPASS|HIT|MISS
\"\\\\2\\\\3\") }V\"\n}",
  "format_version": "2",
  "user": "fastly-bigquery-log@example-fastly-log.iam.gserviceaccount.com",
  "project_id": "example-fastly-log",
  "dataset": "fastly_log_test",
  "table": "fastly_logs",
  "template_suffix": null,
  "secret_key": "-----BEGIN PRIVATE KEY-----
\nMIIEvgIBADANBgkqhkiG9w0BAQEFAASCBKgwggSkAgEAAoIBAQC7bPG9yaIYd5AL\nmvOaYvNozFJB/VWS53KWBll769kJvlmgMks6r6Xrv8w6rjxWKjZeDrnXVi
FMGArw0lIvQzgT4/BlndXU5RNxfah/8m7q/GIF6oNYWzfJwvv\nzodxDUqIRH2e2JWidNRjElHuogYHLhV4O/od5pAkfDwak/ihuuh/2VA3Auwb3nph\ndX2F0JBsl
A4Q7W4v21x1EnJt+biXOrERk1rm4ieEE\nU3WkjR5c5gvG8xcWyYod87RNFELmIhCCytI1+t5C3Em/jPsQFtLzwHpbNhdW4oEm\nn7d06n75AgMBAAECggEAWRh26l
1JmxC6Mhz4cVGdq\nT57Y6DLrWuA4A4UkJYm3gorZiSXWF5PQthAVb/bf8bxXY7nZYpEWhnc09SD5aAAq\nREp0vMx8aWQ709K2YUJg+zDUo7u2d3YmVH8HH5TD43o
w06FFW+fz/etrWiNyhrlTsbkMbSgU+GpFFBq1pCd0ni5d1YM1rsaAaUpmkwdjgjL\noDs+M/L/HtqfEhyZNdw8JF7EJXVE1bIl7/NL0rBInhyO28FcB56t/AG5nzXF
ZItEpnyzuV8DZo461wy1hSvqQKBgQDhSsg2cHkTrtBW8x0A\n3BwB/ygdkkxm1OIvfioT+JBneRufUPvVIM2aPZBBGKEedDAmIGn/8f9XAHhKjs8B\nEsPRgE206s4
oJFuJrNy9mJt8gs7AnnoBa9u/J4naW\ne1tfC8fUfsa7kdzblDhcRQ8FhwKBgQDU+N4kPzIdUuJDadd6TkBbjUNPEfZzU5+t\nIike2VSRhApxAxviUnTDsTROwJRz
s77ttcGQRdu16\n+vT1iualiCJe+/iMbl+PiJtFwhEHECLU9QfgBVS6r2lDAlZA+w6nwCRiidlrObzO\nCXqVOzN3fwKBgAsrOuu//bClHP0ChnCReO38aU+1/gWnl
G6hZlEkFBDMPWzq62doKv+gPgpRkfmV0DenHuYnGrrHdG3p2IxYoCSuq/QupPA\nPpU+xjDMhpQI30zuu4/rQq+/yDl4+aoSKYB3xAtb0Zxg6dMU8QpZ/hmnAoGBAl
eNNrYCtQ57R/WU/FImWm6OnJGNmsMO6Q2jJiT12RKKjg8\nOxrYGz7vTfOIDOddyAiPhXPUSyyF/3uvCrIzUUsmeeUJ8xq9dVwQ5HS3pYuKVfDg\nXYHbG4w9UJaFl
9tZXAoGBAKpsdjSd3R+llaAv2HQ8\nGMlN92UTr5i9w++QMXq4qspH5NEYqz3NHbKuYthZqxEsRUZbRP50eDWU4jvxFVJl\nLBFINp6B+3AsIme0YCyOaleB/Cy034
G+x1evS/76f\nKT0KS+ySjCAEWgg4v+mjUDUV\n-----END PRIVATE KEY-----\n",
  "created_at": "2016-05-17T20:23:15+00:00",
  "updated_at": "2016-05-17T20:23:15+00:00",
  "deleted_at": null,
  "response_condition": ""
}
```

PUT /service/ **service_id** /version/ **version** /logging/bigquery/ **old_name**

Update a BigQuery logging object for a particular service and version.

Authentication

API token of a user with at least `Engineer` permissions.

Parameters

parameter	type	description
old_name	*string*	Old name of the BigQuery logging object (used to select the correct BigQuery logging object if the name has be

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/bigquery/my_bigquery_logging HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=my_new_bigquery_name
```

▼ **Response Example**

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "placement": null,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "name": "my_new_bigquery_logging",
  "format": "{\n \"timestamp\":\"%{begin:%Y-%m-%dT%H:%M:%S}t\",\n  \"time_elapsed\":%{time.elapsed.usec}V,\n  \"is_tls\":%{if(
\"false\")}V,\n  \"client_ip\":\"%{req.http.Fastly-Client-IP}V\",\n  \"geo_city\":\"%{client.geo.city}V\",\n  \"geo_country_cc
{client.geo.country_code}V\",\n  \"request\":\"%{req.request}V\",\n  \"host\":\"%{req.http.Fastly-Orig-Host}V\",\n  \"url\":\"\
{json.escape(req.url)}V\",\n  \"request_referer\":\"%{json.escape(req.http.Referer)}V\",\n  \"request_user_agent\":\"%{json.es
Agent)}V\",\n  \"request_accept_language\":\"%{json.escape(req.http.Accept-Language)}V\",\n  \"request_accept_charset\":\"%
{json.escape(req.http.Accept-Charset)}V\",\n  \"cache_status\":\"%{regsub(fastly_info.state, \"^(HIT-(SYNTH)|(HITPASS|HIT|MISS
\"\\\\2\\\\3\") }V\"\n}",
  "format_version": "2",
  "user": "fastly-bigquery-log@example-fastly-log.iam.gserviceaccount.com",
  "project_id": "example-fastly-log",
  "dataset": "fastly_log_test",
  "table": "fastly_logs",
  "template_suffix": null,
  "secret_key": "-----BEGIN PRIVATE KEY-----
\nMIIEvgIBADANBgkqhkiG9w0BAQEFAASCBKgwggSkAgEAAoIBAQC7bPG9yaIYd5AL\nmvOaYvNozFJB/VWS53KWBll769kJvlmgMks6r6Xrv8w6rjxWKjZeDrnXVf
FMGArw0lIvQzgT4/BlndXU5RNxfah/8m7q/GIF6oNYWzfJwvv\nzodxDUqIRH2e2JWidNRjElHuogYHLhV4O/od5pAkfDwak/ihuuh/2VA3Auwb3nph\ndX2F0JBsI
A4Q7W4v21x1EnJt+biXOrERk1rm4ieEE\nU3WkjR5c5gvG8xcWyYod87RNFELmIhCCytI1+t5C3Em/jPsQFtLzwHpbNhdW4oEm\nnn7d06n75AgMBAAECggEAWRh26I
1JmxC6Mhz4cVGdq\nT57Y6DLrWuA4A4UkJYm3gorZiSXWF5PQthAVb/bf8bxXY7nZYpEWhnc09SD5aAAq\nREp0vMx8aWQ709K2YUJg+zDUo7u2d3YmVH8HH5TD43o
w06FFW+fz/etrWiNyhrlTsbkMbSgU+GpFFBq1pCd0ni5d1YM1rsaAaUpmkwdjgjL\noDs+M/L/HtqfEhyZNdw8JF7EJXVE1bIl7/NL0rBInhyO28FcB56t/AG5nzXF
ZItEpnyzuV8DZo461wy1hSvqQKBgQDhSsg2cHkTrtBW8x0A\n3BwB/ygdkkxm1OIvfioT+JBneRufUPvVIM2aPZBBGKEedDAmIGn/8f9XAHhKjs8B\nEsPRgE206s4
oJFuJrNy9mJt8gs7AnnoBa9u/J4naW\ne1tfC8fUfsa7kdzblDhcRQ8FhwKBgQDU+N4kPzIdUuJDadd6TkBbjUNPEfZzU5+t\nIike2VSRhApxAxviUnTDsTROwJRz
s77ttcGQRdu16\n+vT1iualiCJe+/iMbl+PiJtFwhEHECLU9QfgBVS6r2lDAlZA+w6nwCRiidlrObzO\nCXqVOzN3fwKBgAsrOuu//bClHP0ChnCReO38aU+1/gWnI
G6hZlEkFBDMPWzq62doKv+gPgpRkfmV0DenHuYnGrrHdG3p2IxYoCSuq/QupPA\nPpU+xjDMhpQI30zuu4/rQq+/yDl4+aoSKYB3xAtb0Zxg6dMU8QpZ/hmnAoGBAI
eNNrYCtQ57R/WU/FImWm6OnJGNmsMO6Q2jJiT12RKKjg8\nOxrYGz7vTfOIDOddyAiPhXPUSyyF/3uvCrIzUUsmeeUJ8xq9dVwQ5HS3pYuKVfDg\nXYHbG4w9UJaF1
9tZXAoGBAKpsdjSd3R+llaAv2HQ8\nGMlN92UTr5i9w++QMXq4qspH5NEYqz3NHbKuYthZqxEsRUZbRP50eDWU4jvxFVJl\nLBFINp6B+3AsIme0YCyOaleB/Cy034
G+x1evS/76f\nKT0KS+ySjCAEWgg4v+mjUDUV\n-----END PRIVATE KEY-----\n",
  "created_at": "2016-05-17T20:23:15+00:00",
  "updated_at": "2016-05-17T20:23:15+00:00",
  "deleted_at": null,
  "response_condition": ""
}
```

DELETE /service/ **service_id** /version/ **version** /logging/bigquery/ **name**

Delete a BigQuery logging object for a particular service and version.
Authentication

API token of a user with at least `Engineer` permissions.

Parameters

parameter	type	description
name	*string*	Name of the BigQuery logging object.

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/bigquery/my_bigquery_logging HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "status": "ok"
}
```

GCS Logging

Fastly will upload log messages to the GCS bucket in the format specified in the GCS object.

Fields

field	type	description
bucket_name	*string*	The bucket of the GCS bucket.
created_at	*string*	Time-stamp (GMT) when the endpoint was created.

field	type	description
deleted_at	*string*	Time-stamp (GMT) when the endpoint was deleted.
format	*string*	Apache style log formatting (defaults to '%h %l %u %t "%r" %>s %b').
format_version	*integer*	The version of the custom logging format used for the configured endpoint. Can be either 2 (the defa or 1 (the version 1 log format). The logging call gets placed by default in `vcl_log` if `format_versio` `vcl_deliver` if `format_version` is set to `1`.
gzip_level	*integer*	What level of GZIP encoding to have when dumping logs (default 0, no compression).
message_type	*string*	How the message should be formatted One of:
classic	-	(default) RFC 3164 syslog prefix.
loggly	-	RFC 5424 structured syslog.
logplex	-	Heroku-style length prefixed syslog.
blank	-	No prefix. Useful for writing JSON and CSV.
name	*string*	The name of the GCS logging endpoint. Used as a primary key for API access.
path	*string*	The path to upload logs to (default "/").
period	*integer*	How frequently log files are finalized so they can be available for reading (in seconds, default 3600).
placement	*string*	Where in the generated VCL the logging call should be placed, overriding any format_version default `waf_debug`. This field is not required and has no default value.
response_condition	*string*	When to execute the GCS logging rule. If empty, always execute.
secret_key	*string*	Your GCS account secret key. The private_key field in your service account authentication JSON.
service_id	*string*	The alphanumeric string identifying a service.
timestamp_format	*string*	strftime specified timestamp formatting (default "%Y-%m-%dT%H:%M:%S.000").
updated_at	*string*	Time-stamp (GMT) when the endpoint was updated.
user	*string*	Your GCS service account email address. The client_email field in your service account authenticatic
version	*integer*	The current version of a service.

Actions

GET /service/ **service_id** /version/ **version** /logging/gcs

List all of the GCSs for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/gcs HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
[
  {
    "bucket_name": "my_log_bucket",
    "created_at": "2016-05-17T20:23:15+00:00",
    "deleted_at": null,
    "format": "%h %l %u %t \"%r\" %>s %b",
    "format_version": "2",
    "gzip_level": 0,
    "message_type": "classic",
    "name": "my_gcs_logging",
    "path": null,
    "period": "3600",
    "placement": null,
    "response_condition": "",
    "secret_key": "-----BEGIN PRIVATE KEY-----
\nMIIEvgIBADANBgkqhkiG9w0BAQEFAASCBKgwggSkAgEAAoIBAQC7bPG9yaIYd5AL\nmvOaYvNozFJB/VWS53KWBll769kJvlmgMks6r6Xrv8w6rjxWKjZeDrnXV1
FMGArw0lIvQzgT4/BlndXU5RNxfah/8m7q/GIF6oNYWzfJwvv\nzodxDUqIRH2e2JWidNRjElHuogYHLhV4O/od5pAkfDwak/ihuuh/2VA3Auwb3nph\ndX2F0JBs1
A4Q7W4v21x1EnJt+biXOrERk1rm4ieEE\nU3WkjR5c5gvG8xcWyYod87RNFELmIhCCytI1+t5C3Em/jPsQFtLzwHpbNhdW4oEm\nn7d06n75AgMBAAECggEAWRh26l
1JmxC6Mhz4cVGdq\nT57Y6DLrWuA4A4UkJYm3gorZiSXWF5PQthAVb/bf8bxXY7nZYpEWhnc09SD5aAAq\nREp0vMx8aWQ709K2YUJg+zDUo7u2d3YmVH8HH5TD43c
w06FFW+fz/etrWiNyhrlTsbkMbSgU+GpFFBq1pCd0ni5d1YM1rsaAaUpmkwdjgjL\noDs+M/L/HtqfEhyZNdw8JF7EJXVE1bIl7/NL0rBInhyO28FcB56t/AG5nzXl
ZItEpnyzuV8DZo461wy1hSvqQKBgQDhSsg2cHkTrtBW8x0A\n3BwB/ygdkkxm1OIvfioT+JBneRufUPvVIM2aPZBBGKEedDAmIGn/8f9XAHhKjs8B\nEsPRgE206s4
oJFuJrNy9mJt8gs7AnnoBa9u/J4naW\ne1tfC8fUfsa7kdzblDhcRQ8FhwKBgQDU+N4kPzIdUuJDadd6TkBbjUNPEfZzU5+t\nIike2VSRhApxAxviUnTDsTROwJRz
s77ttcGQRdu16\n+vT1iualiCJe+/iMbl+PiJtFwhEHECLU9QfgBVS6r2lDAlZA+w6nwCRiidlrObzO\nCXqVOzN3fwKBgAsrOuu//bClHP0ChnCReO38aU+1/gWnl
G6hZlEkFBDMPWzq62doKv+gPgpRkfmV0DenHuYnGrrHdG3p2IxYoCSuq/QupPA\nPpU+xjDMhpQI30zuu4/rQq+/yDl4+aoSKYB3xAtb0Zxg6dMU8QpZ/hmnAoGBAl
eNNrYCtQ57R/WU/FImWm6OnJGNmsMO6Q2jJiT12RKKjg8\nOxrYGz7vTfOIDOddyAiPhXPUSyyF/3uvCrIzUUsmeeUJ8xq9dVwQ5HS3pYuKVfDg\nXYHbG4w9UJaFl
9tZXAoGBAKpsdjSd3R+llaAv2HQ8\nGMlN92UTr5i9w++QMXq4qspH5NEYqz3NHbKuYthZqxEsRUZbRP50eDWU4jvxFVJl\nLBFINp6B+3AsIme0YCyOaleB/Cy034
G+x1evS/76f\nKT0KS+ySjCAEWgg4v+mjUDUV\n-----END PRIVATE KEY-----\n",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
    "updated_at": "2016-05-17T20:23:15+00:00",
    "user": null,
    "version": "1"
  }
]
```

GET /service/ **service_id** /version/ **version** /logging/gcs/ **name**

Get the GCS Logging for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/gcs/my_gcs_logging HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "bucket_name": "my_log_bucket",
  "created_at": "2016-05-17T20:23:15+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "gzip_level": 0,
  "message_type": "classic",
  "name": "my_gcs_logging",
  "path": null,
  "period": "3600",
  "placement": null,
  "response_condition": "",
  "secret_key": "-----BEGIN PRIVATE KEY-----
\nMIIEvgIBADANBgkqhkiG9w0BAQEFAASCBKgwggSkAgEAAoIBAQC7bPG9yaIYd5AL\nmvOaYvNozFJB/VWS53KWBll769kJvlmgMks6r6Xrv8w6rjxWKjZeDrnXVj
FMGArw0lIvQzgT4/BlndXU5RNxfah/8m7q/GIF6oNYWzfJwvv\nzodxDUqIRH2e2JWidNRjElHuogYHLhV4O/od5pAkfDwak/ihuuh/2VA3Auwb3nph\ndX2F0JBsl
A4Q7W4v21x1EnJt+biXOrERk1rm4ieEE\nU3WkjR5c5gvG8xcWyYod87RNFELmIhCCytI1+t5C3Em/jPsQFtLzwHpbNhdW4oEm\nn7d06n75AgMBAAECggEAWRh26l
1JmxC6Mhz4cVGdq\nT57Y6DLrWuA4A4UkJYm3gorZiSXWF5PQthAVb/bf8bxXY7nZYpEWhnc09SD5aAAq\nREp0vMx8aWQ709K2YUJg+zDUo7u2d3YmVH8HH5TD43c
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ZItEpnyzuV8DZo461wy1hSvqQKBgQDhSsg2cHkTrtBW8x0A\n3BwB/ygdkkxm1OIvfioT+JBneRufUPvVIM2aPZBBGKEedDAmIGn/8f9XAHhKjs8B\nEsPRgE206s4
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s77ttcGQRdu16\n+vT1iualiCJe+/iMbl+PiJtFwhEHECLU9QfgBVS6r2lDAlZA+w6nwCRiidlrObzO\nCXqVOzN3fwKBgAsrOuu//bClHP0ChnCReO38aU+1/gWn
G6hZlEkFBDMPWzq62doKv+gPgpRkfmV0DenHuYnGrrHdG3p2IxYoCSuq/QupPA\nPpU+xjDMhpQI30zuu4/rQq+/yDl4+aoSKYB3xAtb0Zxg6dMU8QpZ/hmnAoGBAl
eNNrYCtQ57R/WU/FImWm6OnJGNmsMO6Q2jJiT12RKKjg8\nOxrYGz7vTfOIDOddyAiPhXPUSyyF/3uvCrIzUUsmeeUJ8xq9dVwQ5HS3pYuKVfDg\nXYHbG4w9UJaFl
9tZXAoGBAKpsdjSd3R+llaAv2HQ8\nGMlN92UTr5i9w++QMXq4qspH5NEYqz3NHbKuYthZqxEsRUZbRP50eDWU4jvxFVJl\nLBFINp6B+3AsIme0YCyOaleB/Cy034
G+x1evS/76f\nKT0KS+ySjCAEWgg4v+mjUDUV\n-----END PRIVATE KEY-----\n",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "updated_at": "2016-05-17T20:23:15+00:00",
  "user": null,
  "version": "1"
}
```

POST /service/ **service_id** /version/ **version** /logging/gcs

Create GCS Logging for a particular service and version
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/gcs HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=my_gcs_logging&bucket_name=my_log_bucket&access_key=1447182772-deadbeef479374nnphvhodh4nlp@developer.gserviceaccount.com&
PRIVATE KEY-----
\nMIIEvgIBADANBgkqhkiG9w0BAQEFAASCBKgwggSkAgEAAoIBAQC7bPG9yaIYd5AL\nmvOaYvNozFJB/VWS53KWBll769kJvlmgMks6r6Xrv8w6rjxWKjZeDrnXVj
FMGArw0lIvQzgT4/BlndXU5RNxfah/8m7q/GIF6oNYWzfJwvv\nzodxDUqIRH2e2JWidNRjElHuogYHLhV4O/od5pAkfDwak/ihuuh/2VA3Auwb3nph\ndX2F0JBsl
A4Q7W4v21x1EnJt+biXOrERk1rm4ieEE\nU3WkjR5c5gvG8xcWyYod87RNFELmIhCCytI1+t5C3Em/jPsQFtLzwHpbNhdW4oEm\nn7d06n75AgMBAAECggEAWRh26l
1JmxC6Mhz4cVGdq\nT57Y6DLrWuA4A4UkJYm3gorZiSXWF5PQthAVb/bf8bxXY7nZYpEWhnc09SD5aAAq\nREp0vMx8aWQ709K2YUJg+zDUo7u2d3YmVH8HH5TD43c
w06FFW+fz/etrWiNyhrlTsbkMbSgU+GpFFBq1pCd0ni5d1YM1rsaAaUpmkwdjgjL\noDs+M/L/HtqfEhyZNdw8JF7EJXVE1bIl7/NL0rBInhyO28FcB56t/AG5nzX
ZItEpnyzuV8DZo461wy1hSvqQKBgQDhSsg2cHkTrtBW8x0A\n3BwB/ygdkkxm1OIvfioT+JBneRufUPvVIM2aPZBBGKEedDAmIGn/8f9XAHhKjs8B\nEsPRgE206s4
oJFuJrNy9mJt8gs7AnnoBa9u/J4naW\ne1tfC8fUfsa7kdzblDhcRQ8FhwKBgQDU+N4kPzIdUuJDadd6TkBbjUNPEfZzU5+t\nIike2VSRhApxAxviUnTDsTROwJRz
s77ttcGQRdu16\n+vT1iualiCJe+/iMbl+PiJtFwhEHECLU9QfgBVS6r2lDAlZA+w6nwCRiidlrObzO\nCXqVOzN3fwKBgAsrOuu//bClHP0ChnCReO38aU+1/gWn
G6hZlEkFBDMPWzq62doKv+gPgpRkfmV0DenHuYnGrrHdG3p2IxYoCSuq/QupPA\nPpU+xjDMhpQI30zuu4/rQq+/yDl4+aoSKYB3xAtb0Zxg6dMU8QpZ/hmnAoGBAl
eNNrYCtQ57R/WU/FImWm6OnJGNmsMO6Q2jJiT12RKKjg8\nOxrYGz7vTfOIDOddyAiPhXPUSyyF/3uvCrIzUUsmeeUJ8xq9dVwQ5HS3pYuKVfDg\nXYHbG4w9UJaFl
9tZXAoGBAKpsdjSd3R+llaAv2HQ8\nGMlN92UTr5i9w++QMXq4qspH5NEYqz3NHbKuYthZqxEsRUZbRP50eDWU4jvxFVJl\nLBFINp6B+3AsIme0YCyOaleB/Cy034
G+x1evS/76f\nKT0KS+ySjCAEWgg4v+mjUDUV\n-----END PRIVATE KEY-----\n
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "bucket_name": "my_log_bucket",
  "created_at": "2016-05-17T20:23:15+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "gzip_level": 0,
  "message_type": "classic",
  "name": "my_gcs_logging",
  "path": null,
  "period": "3600",
  "placement": null,
  "response_condition": "",
  "secret_key": "-----BEGIN PRIVATE KEY-----
\nMIIEvgIBADANBgkqhkiG9w0BAQEFAASCBKgwggSkAgEAAoIBAQC7bPG9yaIYd5AL\nmvOaYvNozFJB/VWS53KWBll769kJvlmgMks6r6Xrv8w6rjxWKjZeDrnXVj
FMGArw0IIvQzgT4/BlndXU5RNxfah/8m7q/GIF6oNYWzfJwvv\nzodxDUqIRH2e2JWidNRjElHuogYHLhV4O/od5pAkfDwak/ihuuh/2VA3Auwb3nph\ndX2F0JBsl
A4Q7W4v21x1EnJt+biXOrERk1rm4ieEE\nU3WkjR5c5gvG8xcWyYod87RNFELmIhCCytI1+t5C3Em/jPsQFtLzwHpbNhdW4oEm\nn7d06n75AgMBAAECggEAWRh26l
1JmxC6Mhz4cVGdq\nT57Y6DLrWuA4A4UkJYm3gorZiSXWF5PQthAVb/bf8bxXY7nZYpEWhnc09SD5aAAq\nREp0vMx8aWQ709K2YUJg+zDUo7u2d3YmVH8HH5TD43c
w06FFW+fz/etrWiNyhrlTsbkMbSgU+GpFFBq1pCd0ni5d1YM1rsaAaUpmkwdjgjL\nnoDs+M/L/HtqfEhyZNdw8JF7EJXVE1bIl7/NL0rBInhyO28FcB56t/AG5nzXF
ZItEpnyzuV8DZo461wy1hSvqQKBgQDhSsg2cHkTrtBW8x0A\n3BwB/ygdkkxm1OIvfioT+JBneRufUPvVIM2aPZBBGKEedDAmIGn/8f9XAHhKjs8B\nEsPRgE206s4
oJFuJrNy9mJt8gs7AnnoBa9u/J4naW\ne1tfC8fUfsa7kdzblDhcRQ8FhwKBgQDU+N4kPzIdUuJDadd6TkBbjUNPEfZzU5+t\nIike2VSRhApxAxviUnTDsTROwJRz
s77ttcGQRdu16\n+vT1iualiCJe+/iMbl+PiJtFwhEHECLU9QfgBVS6r2lDAlZA+w6nwCRiidlrObzO\nCXqVOzN3fwKBgAsrOuu//bClHP0ChnCReO38aU+1/gWnl
G6hZlEkFBDMPWzq62doKv+gPgpRkfmV0DenHuYnGrrHdG3p2IxYoCSuq/QupPA\nPpU+xjDMhpQI30zuu4/rQq+/yD14+aoSKYB3xAtb0Zxg6dMU8QpZ/hmnAoGBAl
eNNrYCtQ57R/WU/FImWm6OnJGNmsMO6Q2jJiT12RKKjg8\nOxrYGz7vTfOIDOddyAiPhXPUSyyF/3uvCrIzUUsmeeUJ8xq9dVwQ5HS3pYuKVfDg\nXYHbG4w9UJaFl
9tZXAoGBAKpsdjSd3R+llaAv2HQ8\nGMlN92UTr5i9w++QMXq4qspH5NEYqz3NHbKuYthZqxEsRUZbRP50eDWU4jvxFVJl\nLBFINp6B+3AsIme0YCyOaleB/Cy034
G+x1evS/76f\nKT0KS+ySjCAEWgg4v+mjUDUV\n-----END PRIVATE KEY-----\n",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "updated_at": "2016-05-17T20:23:15+00:00",
  "user": null,
  "version": "1"
}
```

PUT /service/ **service_id** /version/ **version** /logging/gcs/ **old_name**

Update the GCS for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Parameters

parameter	type	description
old_name	*string*	Old name of the GCS object (used to select the correct GCS object if the name has been changed).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/gcs/my_gcs_logging HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=my_new_gcs_name
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "bucket_name": "my_log_bucket",
  "created_at": "2016-05-17T20:23:15+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "gzip_level": 0,
  "message_type": "classic",
  "name": "my_new_gcs_name",
  "path": null,
  "period": "3600",
  "placement": null,
  "response_condition": "",
  "secret_key": "-----BEGIN PRIVATE KEY-----
\nMIIEvgIBADANBgkqhkiG9w0BAQEFAASCBKgwggSkAgEAAoIBAQC7bPG9yaIYd5AL\nmvOaYvNozFJB/VWS53KWBll769kJvlmgMks6r6Xrv8w6rjxWKjZeDrnXVi
FMGArw0lIvQzgT4/BlndXU5RNxfah/8m7q/GIF6oNYWzfJwvv\nzodxDUqIRH2e2JWidNRjElHuogYHLhV4O/od5pAkfDwak/ihuuh/2VA3Auwb3nph\ndX2F0JBsl
A4Q7W4v21x1EnJt+biXOrERk1rm4ieEE\nU3WkjR5c5gvG8xcWyYod87RNFELmIhCCytI1+t5C3Em/jPsQFtLzwHpbNhdW4oEm\nn7d06n75AgMBAAECggEAWRh26l
1JmxC6Mhz4cVGdq\nT57Y6DLrWuA4A4UkJYm3gorZiSXWF5PQthAVb/bf8bxXY7nZYpEWhnc09SD5aAAq\nREp0vMx8aWQ709K2YUJg+zDUo7u2d3YmVH8HH5TD43d
w06FFW+fz/etrWiNyhrlTsbkMbSgU+GpFFBq1pCd0ni5d1YM1rsaAaUpmkwdjgjL\noDs+M/L/HtqfEhyZNdw8JF7EJXVE1bIl7/NL0rBInhyO28FcB56t/AG5nzXF
ZItEpnyzuV8DZo461wy1hSvqQKBgQDhSsg2cHkTrtBW8x0A\n3BwB/ygdkkxm1OIvfioT+JBneRufUPvVIM2aPZBBGKEedDAmIGn/8f9XAHhKjs8B\nEsPRgE206s4
oJFuJrNy9mJt8gs7AnnoBa9u/J4naW\ne1tfC8fUfsa7kdzblDhcRQ8FhwKBgQDU+N4kPzIdUuJDadd6TkBbjUNPEfZzU5+t\nIike2VSRhApxAxviUnTDsTROwJRz
s77ttcGQRdu16\n+vT1iualiCJe+/iMbl+PiJtFwhEHECLU9QfgBVS6r2lDAlZA+w6nwCRiidlrObzO\nCXqVOzN3fwKBgAsrOuu//bClHP0ChnCReO38aU+1/gWnl
G6hZlEkFBDMPWzq62doKv+gPgpRkfmV0DenHuYnGrrHdG3p2IxYoCSuq/QupPA\nPpU+xjDMhpQI30zuu4/rQq+/yD14+aoSKYB3xAtb0Zxg6dMU8QpZ/hmnAoGBAl
eNNrYCtQ57R/WU/FImWm6OnJGNmsMO6Q2jJiT12RKKjg8\nOxrYGz7vTfOIDOddyAiPhXPUSyyF/3uvCrIzUUsmeeUJ8xq9dVwQ5HS3pYuKVfDg\nXYHbG4w9UJaFl
9tZXAoGBAKpsdjSd3R+llaAv2HQ8\nGMlN92UTr5i9w++QMXq4qspH5NEYqz3NHbKuYthZqxEsRUZbRP50eDWU4jvxFVJl\nLBFINp6B+3AsIme0YCyOaleB/Cy034
G+x1evS/76f\nKT0KS+ySjCAEWgg4v+mjUDUV\n-----END PRIVATE KEY-----\n",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "updated_at": "2016-05-18T20:49:16+00:00",
  "user": null,
  "version": "1"
}
```

DELETE   /service/ **service_id** /version/ **version** /logging/gcs/ **name**

Delete the GCS Logging for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/gcs/my_gcs_logging HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "status": "ok"
}
```

Honeycomb Logging

Fastly will upload log messages to Honeycomb.io in the format specified in the Honeycomb object.

Fields

field	type	description
name	*string*	The name of the Honeycomb logging endpoint. Used as a primary key for API access.
service_id	*string*	The alphanumeric string identifying a service.
version	*integer*	The current version of a service.
format	*string*	Apache style log formatting. Your log must produce valid JSON that Honeycomb can ingest.

field	type	description
format_version	*integer*	The version of the custom logging format used for the configured endpoint. Can be either 2 (the defa or 1 (the version 1 log format). The logging call gets placed by default in `vcl_log` if `format_version` `vcl_deliver` if `format_version` is set to `1`.
placement	*string*	Where in the generated VCL the logging call should be placed, overriding any format_version default `waf_debug`. This field is not required and has no default value.
created_at	*string*	Time-stamp (GMT) when the endpoint was created.
updated_at	*string*	Time-stamp (GMT) when the endpoint was updated.
deleted_at	*string*	Time-stamp (GMT) when the endpoint was deleted.
response_condition	*string*	When to execute the my_honeycomb_log logging rule. If empty, always execute.
dataset	*string*	The Honeycomb Dataset you want to log to.
token	*string*	The Write Key from the Account page of your Honeycomb account.

Actions

GET /service/ **service_id** /version/ **version** /logging/honeycomb

List all of the Honeycomb logging objects for a particular service and version.

Authentication

API token of a user with at least `Engineer` permissions.

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/honeycomb HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

[
  {
    "placement": null,
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "version": "1",
    "name": "my_honeycomb_log",
    "format": "{\n \"timestamp\":\"%{begin:%Y-%m-%dT%H:%M:%S}t\",\n  \"time_elapsed\":%{time.elapsed.usec}V,\n  \"is_tls\":%{i
\"false\")}V,\n  \"client_ip\":\"%{req.http.Fastly-Client-IP}V\",\n  \"geo_city\":\"%{client.geo.city}V\",\n  \"geo_country_co
{client.geo.country_code}V\",\n  \"request\":\"%{req.request}V\",\n  \"host\":\"%{req.http.Fastly-Orig-Host}V\",\n  \"url\":\'
{json.escape(req.url)}V\",\n  \"request_referer\":\"%{json.escape(req.http.Referer)}V\",\n  \"request_user_agent\":\"%{json.es
Agent}V\",\n  \"request_accept_language\":\"%{json.escape(req.http.Accept-Language)}V\",\n  \"request_accept_charset\":\"%
{json.escape(req.http.Accept-Charset)}V\",\n  \"cache_status\":\"%{regsub(fastly_info.state, \"^(HIT-(SYNTH)|(HITPASS|HIT|MISS
\"\\\\2\\\\3\") }V\"\n}",
    "format_version": "2",
    "dataset": "fastly_honeycomb",
    "token": "6f5902ac237024bdd0c176cb93063dc4",
    "response_condition": "",
    "created_at": "2016-05-17T20:23:15+00:00",
    "updated_at": "2016-05-17T20:23:15+00:00",
    "deleted_at": null
  }
]
```

GET /service/ **service_id** /version/ **version** /logging/honeycomb/ **name**

Get the details of a Honeycomb logging object for a particular service and version.

Authentication

API token of a user with at least `Engineer` permissions.

Parameters

parameter	type	description

parameter	type	description
name	*string*	Name of the Honeycomb rule.

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/honeycomb/my_honeycomb_log HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "placement": null,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "name": "my_honeycomb_log",
  "format": "{\n \"timestamp\":\"%{begin:%Y-%m-%dT%H:%M:%S}t\",\n  \"time_elapsed\":%{time.elapsed.usec}V,\n  \"is_tls\":%{if(
\"false\")}V,\n  \"client_ip\":\"%{req.http.Fastly-Client-IP}V\",\n  \"geo_city\":\"%{client.geo.city}V\",\n  \"geo_country_cc
{client.geo.country_code}V\",\n  \"request\":\"%{req.request}V\",\n  \"host\":\"%{req.http.Fastly-Orig-Host}V\",\n  \"url\":\"
{json.escape(req.url)}V\",\n  \"request_referer\":\"%{json.escape(req.http.Referer)}V\",\n  \"request_user_agent\":\"%{json.es
Agent)}V\",\n  \"request_accept_language\":\"%{json.escape(req.http.Accept-Language)}V\",\n  \"request_accept_charset\":\"%
{json.escape(req.http.Accept-Charset)}V\",\n  \"cache_status\":\"%{regsub(fastly_info.state, \"^(HIT-(SYNTH)|(HITPASS|HIT|MISS
\"\\\2\\\3\") }V\"\n}",
  "format_version": "2",
  "dataset": "fastly_honeycomb",
  "token": "6f5902ac237024bdd0c176cb93063dc4",
  "response_condition": "",
  "created_at": "2016-05-17T20:23:15+00:00",
  "updated_at": "2016-05-17T20:23:15+00:00",
  "deleted_at": null
}
```

POST /service/ **service_id** /version/ **version** /logging/honeycomb

Create a Honeycomb logging object for a particular service and version.
Authentication

API token of a user with at least `Engineer` permissions.

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/honeycomb HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=my_honeycomb_log&dataset=fastly_honeycomb&token=6f5902ac237024bdd0c176cb93063dc4
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "placement": null,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "name": "my_honeycomb_log",
  "format": "{\n \"timestamp\":\"%{begin:%Y-%m-%dT%H:%M:%S}t\",\n  \"time_elapsed\":%{time.elapsed.usec}V,\n  \"is_tls\":%{if(
\"false\")}V,\n  \"client_ip\":\"%{req.http.Fastly-Client-IP}V\",\n  \"geo_city\":\"%{client.geo.city}V\",\n  \"geo_country_cc
{client.geo.country_code}V\",\n  \"request\":\"%{req.request}V\",\n  \"host\":\"%{req.http.Fastly-Orig-Host}V\",\n  \"url\":\"
{json.escape(req.url)}V\",\n  \"request_referer\":\"%{json.escape(req.http.Referer)}V\",\n  \"request_user_agent\":\"%{json.es
Agent)}V\",\n  \"request_accept_language\":\"%{json.escape(req.http.Accept-Language)}V\",\n  \"request_accept_charset\":\"%
{json.escape(req.http.Accept-Charset)}V\",\n  \"cache_status\":\"%{regsub(fastly_info.state, \"^(HIT-(SYNTH)|(HITPASS|HIT|MISS
\"\\\2\\\3\") }V\"\n}",
  "format_version": "2",
  "dataset": "fastly_honeycomb",
  "token": "6f5902ac237024bdd0c176cb93063dc4",
  "response_condition": "",
  "created_at": "2016-05-17T20:23:15+00:00",
  "updated_at": "2016-05-17T20:23:15+00:00",
  "deleted_at": null
}
```

PUT /service/ **service_id** /version/ **version** /logging/honeycomb/ **old_name**

Update a Honeycomb logging object for a particular service and version.

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Parameters

parameter	type	description
old_name	*string*	Old name of the Honeycomb logging object (used to select the correct the Honeycomb logging object if the nam...

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/honeycomb/my_honeycomb_log HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=my_new_honeycomb_name
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "placement": null,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "name": "my_new_honeycomb_name",
  "format": "{\n \"timestamp\":\"%{begin:%Y-%m-%dT%H:%M:%S}t\",\n  \"time_elapsed\":%{time.elapsed.usec}V,\n  \"is_tls\":%{if(
\"false\")}V,\n  \"client_ip\":\"%{req.http.Fastly-Client-IP}V\",\n  \"geo_city\":\"%{client.geo.city}V\",\n  \"geo_country_co
{client.geo.country_code}V\",\n  \"request\":\"%{req.request}V\",\n  \"host\":\"%{req.http.Fastly-Orig-Host}V\",\n  \"url\":\"
{json.escape(req.url)}V\",\n  \"request_referer\":\"%{json.escape(req.http.Referer)}V\",\n  \"request_user_agent\":\"%{json.es
Agent)}V\",\n  \"request_accept_language\":\"%{json.escape(req.http.Accept-Language)}V\",\n  \"request_accept_charset\":\"%
{json.escape(req.http.Accept-Charset)}V\",\n  \"cache_status\":\"%{regsub(fastly_info.state, \"^(HIT-(SYNTH)|(HITPASS|HIT|MISS
\"\\\\2\\\\3\") }V\"\n}",
  "format_version": "2",
  "dataset": "fastly_honeycomb",
  "token": "6f5902ac237024bdd0c176cb93063dc4",
  "response_condition": "",
  "created_at": "2016-05-17T20:23:15+00:00",
  "updated_at": "2016-05-17T20:23:15+00:00",
  "deleted_at": null
}
```

DELETE /service/ **service_id** /version/ **version** /logging/honeycomb/ **name**

Delete the Honeycomb logging object for a particular service and version.

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Parameters

parameter	type	description
name	*string*	Name of the Honeycomb rule.

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/honeycomb/my_honeycomb_log HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "status": "ok"
}
```

Kafka

Fastly will upload log messages periodically to the server in the format specified in the Kafka object.

> ⓘ **IMPORTANT:** This feature is part of a limited availability release. For more information, see our [product and feature lifecycle](#) descriptio

Fields

field	type	description
name	*string*	The name of the Kafka endpoint. Required.
service_id	*string*	The alphanumeric string identifying a service.
version	*integer*	The current version of a service.
topic	*string*	The Kafka topic to send logs to. Required.
brokers	*string*	A comma-separated string of Kafka brokers. Required.
compression_codec	*string*	The codec used for compression of your logs. One of:
gzip	-	
snappy	-	
lz4	-	
required_acks	*string*	The Number of acknowledgements a leader must receive before a write is considered successful. O
1	-	(default) One server needs to respond.
0	-	No servers need to respond.
-1	-	Wait for all in-sync replicas to respond.
use_tls	*string*	Whether to use TLS for secure logging. Can be either `"0"` or `"1"`.
tls_ca_cert	*string*	A secure certificate to authenticate the server with. Must be in PEM format.
tls_client_cert	*string*	The client certificate used to make authenticated requests. Must be in PEM format.
tls_client_key	*string*	The client private key used to make authenticated requests. Must be in PEM format.
tls_hostname	*string*	The hostname used to verify the server's certificate. It can either be the Common Name or a Subjec
format	*string*	Apache style log formatting.
format_version	*integer*	The version of the custom logging format used for the configured endpoint. Can be either 2 (the def or 1 (the version 1 log format). The logging call gets placed by default in `vcl_log` if `format_versic` `vcl_deliver` if `format_version` is set to `1`.
placement	*string*	Where in the generated VCL the logging call should be placed, overriding any format_version defaul `waf_debug`. This field is not required and has no default value.
response_condition	*string*	When to execute the Kafka logging endpoint. If empty, always execute.
created_at	*string*	Time-stamp (GMT) when the endpoint was created.
updated_at	*string*	Time-stamp (GMT) when the endpoint was deleted.
deleted_at	*string*	Time-stamp (GMT) when the endpoint was deleted.

Actions

GET /service/ **service_id** /version/ **version** /logging/kafka

List all of the Kafka logging endpoints for a particular service and version.
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/kafka HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

[
  {
    "tls_ca_cert": null,
    "response_condition": "",
    "tls_client_key": null,
    "format": "%h %l %u %t \"%r\" %>s %b",
    "format_version": "2",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "name": "test-kafka",
    "compression_codec": null,
    "tls_hostname": null,
    "brokers": "localhost:1234",
    "topic": "test-topic",
    "created_at": "2019-04-25T20:09:45Z",
    "deleted_at": null,
    "use_tls": "0",
    "placement": null,
    "version": "1",
    "tls_client_cert": null,
    "required_acks": "1",
    "updated_at": "2019-04-25T20:09:45Z"
  }
]
```

GET /service/ **service_id** /version/ **version** /logging/kafka/ **name**

Get the Kafka logging endpoint for a particular service and version.
Authentication

API token of a user with at least `Engineer` permissions.
Parameters

parameter	type	description
name	*string*	Name of the Kafka rule.

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/kafka/test-kafka HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "format_version": "2",
  "tls_client_key": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "tls_ca_cert": null,
  "response_condition": "",
  "tls_hostname": null,
  "compression_codec": null,
  "name": "test-kafka",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "topic": "test-topic",
  "created_at": "2019-04-25T20:17:00Z",
  "deleted_at": null,
  "brokers": "localhost:1234",
  "required_acks": "1",
  "updated_at": "2019-04-25T20:17:00Z",
  "tls_client_cert": null,
  "use_tls": "0",
  "placement": null,
  "version": "1"
}
```

POST /service/ **service_id** /version/ **version** /logging/kafka

Create a Kafka logging endpoint for a particular service and version.

Authentication

API token of a user with at least `Engineer` permissions.

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/kafka HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=test-kafka&topic=test-topic&brokers=localhost:1234
```

▼ **Response Example**

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "name": "test-kafka",
  "topic": "test-topic",
  "brokers": "localhost:1234",
  "required_acks": "1",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "tls_hostname": null,
  "compression_codec": null,
  "tls_client_key": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "response_condition": "",
  "tls_ca_cert": null,
  "format_version": 2,
  "tls_client_cert": null,
  "placement": null,
  "use_tls": "0",
  "updated_at": "2019-04-25T20:17:00Z",
  "created_at": "2019-04-25T20:17:00Z",
  "deleted_at": null
}
```

PUT /service/ **service_id** /version/ **version** /logging/kafka/ **name**

Update the Kafka logging endpoint for a particular service and version.

Authentication

API token of a user with at least `Engineer` permissions.

Parameters

parameter	type	description
name	*string*	Name of the Kafka rule.

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/kafka/test-kafka HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=updated-test-kafka
```

▼ **Response Example**

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "format_version": "2",
  "tls_ca_cert": null,
  "response_condition": "",
  "tls_client_key": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "compression_codec": null,
  "tls_hostname": null,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "name": "updated-test-kafka",
  "brokers": "localhost:1234",
  "topic": "test-topic",
  "created_at": "2019-04-25T20:17:00Z",
  "deleted_at": null,
  "required_acks": "1",
  "updated_at": "2019-04-25T20:17:00Z",
  "use_tls": "0",
  "placement": null,
  "version": "1",
  "tls_client_cert": null
}
```

DELETE   /service/ **service_id** /version/ **version** /logging/kafka/ **name**

Delete the Kafka logging endpoint for a particular service and version.

Authentication

API token of a user with at least `Engineer` permissions.

Parameters

parameter	type	description
name	*string*	Name of the Kafka rule.

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/kafka/updated-test-kafka HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ **Response Example**

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "status": "ok"
}
```

Logshuttle

Fastly will upload log messages to the log-shuttle bucket in the format specified in the logshuttle object.

ⓘ **IMPORTANT:** This feature is part of a limited availability release. For more information, see our product and feature lifecycle descriptio

Fields

field	type	description

field	type	description
created_at	*string*	Time-stamp (GMT) when the endpoint was created.
deleted_at	*string*	Time-stamp (GMT) when the endpoint was deleted.
format	*string*	Apache style log formatting.
format_version	*integer*	The version of the custom logging format used for the configured endpoint. Can be either 2 (the defa or 1 (the version 1 log format). The logging call gets placed by default in `vcl_log` if `format_version` `vcl_deliver` if `format_version` is set to `1`.
name	*string*	The name of the Log Shuttle rule.
placement	*string*	Where in the generated VCL the logging call should be placed, overriding any format_version default `waf_debug`. This field is not required and has no default value.
response_condition	*string*	When to execute the logshuttle. If empty, always execute.
service_id	*string*	The alphanumeric string identifying a service.
token	*string*	The data authentication token associated with this endpoint.
updated_at	*string*	Time-stamp (GMT) when the endpoint was updated.
url	*string*	Your Log Shuttle endpoint url.
version	*integer*	The current version of a service.

Actions

GET /service/ **service_id** /version/ **version** /logging/logshuttle

List all of the logshuttles for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` permissions.
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logshuttle HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

[
  {
    "created_at": "2016-06-02T22:31:06+00:00",
    "deleted_at": null,
    "format": "%h %l %u %t \"%r\" %>s %b",
    "format_version": "2",
    "name": "test-logshuttle",
    "placement": null,
    "response_condition": "",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "token": null,
    "updated_at": "2016-06-02T22:31:06+00:00",
    "url": "https://east.logplex.io/logs",
    "version": "1"
  }
]
```

GET /service/ **service_id** /version/ **version** /logging/logshuttle/ **name**

Get the logshuttle for a particular service and version
Authentication

API token of a user with at least `Engineer` permissions.

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logshuttle/test-logshuttle HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "created_at": "2016-06-02T22:31:06+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "name": "test-logshuttle",
  "placement": null,
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "token": null,
  "updated_at": "2016-06-02T22:31:06+00:00",
  "url": "https://east.logplex.io/logs",
  "version": "1"
}
```

POST /service/ **service_id** /version/ **version** /logging/logshuttle

Create a logshuttle for a particular service and version

Authentication

API token of a user with at least `Engineer` permissions.

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logshuttle HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=test-logshuttle \
      &app_name=t.abc123 \
      &url=https%3A%2F%2Feast.logplex.io%2Flogs
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "created_at": "2016-06-02T22:31:06+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "name": "test-logshuttle",
  "placement": null,
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "token": null,
  "updated_at": "2016-06-02T22:31:06+00:00",
  "url": "https://east.logplex.io/logs",
  "version": "1"
}
```

PUT /service/ **service_id** /version/ **version** /logging/logshuttle/ **old_name**

Update the logshuttle for a particular service and version

Authentication

API token of a user with at least `Engineer` permissions.

Parameters

parameter	type	description
old_name	*string*	Old name of the logshuttle object (used to select the correct logshuttle object if the name has been changed).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logshuttle/test-logshuttle HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json


name=updated-test-logshuttle
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json


{
  "created_at": "2016-06-02T22:31:06+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "name": "updated-test-logshuttle",
  "placement": null,
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "token": null,
  "updated_at": "2016-06-02T22:31:06+00:00",
  "url": "https://east.logplex.io/logs",
  "version": "1"
}
```

DELETE /service/ **service_id** /version/ **version** /logging/logshuttle/ **name**

Delete the logshuttle for a particular service and version
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logshuttle/test-logshuttle HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json


{
  "status": "ok"
}
```

Logentries

Fastly will stream log messages to the Logentries account in the format specified in the Logentries object.

Fields

field	type	description
created_at	*string*	Time-stamp (GMT) when the endpoint was created.
deleted_at	*string*	Time-stamp (GMT) when the endpoint was deleted.
format	*string*	Apache style log formatting.
format_version	*integer*	The version of the custom logging format used for the configured endpoint. Can be either 2 (the defa or 1 (the version 1 log format). The logging call gets placed by default in `vcl_log` if `format_versio` `vcl_deliver` if `format_version` is set to `1`.
name	*string*	The name of the logentries rule.
placement	*string*	Where in the generated VCL the logging call should be placed, overriding any format_version default `waf_debug`. This field is not required and has no default value.

field	type	description
port	*integer*	The port number.
response_condition	*string*	When to execute the logentry. If empty, always execute.
service_id	*string*	The alphanumeric string identifying a service.
token	*string*	Use token based authentication (https://logentries.com/doc/input-token/).
updated_at	*string*	Time-stamp (GMT) when the endpoint was updated.
use_tls	*string*	Whether to use TLS for secure logging. Can be either `"0"` or `"1"`.
version	*integer*	The current version of a service.

Actions

GET /service/ **service_id** /version/ **version** /logging/logentries

List all of the Logentries for a particular service and version
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logentries HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
[
  {
    "created_at": "2016-05-18T18:23:29+00:00",
    "deleted_at": null,
    "format": "%h %l %u %t \"%r\" %>s %b",
    "format_version": "2",
    "name": "test-logentries",
    "placement": null,
    "port": "5140",
    "response_condition": "",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "token": "790545ca-a792-4166-be69-970d1308512d",
    "updated_at": "2016-05-18T18:23:29+00:00",
    "use_tls": "0",
    "version": "1"
  }
]
```

GET /service/ **service_id** /version/ **version** /logging/logentries/ **name**

Get the Logentry for a particular service and version
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logentries/test-logentries HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "created_at": "2016-05-18T18:23:29+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "name": "test-logentries",
  "placement": null,
  "port": "5140",
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "token": "790545ca-a792-4166-be69-970d1308512d",
  "updated_at": "2016-05-18T18:23:29+00:00",
  "use_tls": "0",
  "version": "1"
}
```

POST /service/ **service_id** /version/ **version** /logging/logentries

Create a Logentry for a particular service and version
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logentries HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=test-logentries&port=5140&token=790545ca-a792-4166-be69-970d1308512d
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "created_at": "2016-05-18T18:23:29+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "name": "test-logentries",
  "placement": null,
  "port": "5140",
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "token": "790545ca-a792-4166-be69-970d1308512d",
  "updated_at": "2016-05-18T18:23:29+00:00",
  "use_tls": "0",
  "version": "1"
}
```

PUT /service/ **service_id** /version/ **version** /logging/logentries/ **old_name**

Update the Logentry for a particular service and version
Authentication

API token of a user with at least `Engineer` permissions.
Parameters

parameter	type	description
old_name	*string*	Old name of the Logentry object (used to select the correct Logentry object if the name has been changed).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logentries/test-logentries HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=updated-test-logentries
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "created_at": "2016-05-18T18:23:29+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "name": "updated-test-logentries",
  "placement": null,
  "port": "5140",
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "token": "790545ca-a792-4166-be69-970d1308512d",
  "updated_at": "2016-05-18T18:23:29+00:00",
  "use_tls": "0",
  "version": "1"
}
```

DELETE /service/ **service_id** /version/ **version** /logging/logentries/ **name**

Delete the Logentry for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` permissions.
Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logentries/test-logentries HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "status": "ok"
}
```

Loggly

Fastly will stream log messages to the Loggly account in the format specified in the Loggly logging object.

Fields

field	type	description
name	*string*	The name of the Loggly rule.
format	*string*	Apache style log formatting.
format_version	*integer*	The version of the custom logging format used for the configured endpoint. Can be either 2 (the defa or 1 (the version 1 log format). The logging call gets placed by default in `vcl_log` if `format_versio` `vcl_deliver` if `format_version` is set to `1`.
token	*string*	The token to use for authentication (https://www.loggly.com/docs/customer-token-authentication-tol
response_condition	*string*	When to execute the loggly. If empty, always execute.
placement	*string*	Where in the generated VCL the logging call should be placed, overriding any format_version default `waf_debug`. This field is not required and has no default value.

Actions

GET /service/ **service_id** /version/ **version** /logging/loggly

List all Loggly logging objects for a particular service and version.
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/loggly HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json


[
{
  "name": "test-loggly",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "response_condition": "",
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "token": "deadbeef",
  "placement": null
}
]
```

GET /service/ **service_id** /version/ **version** /logging/loggly/ **name**

Get the Loggly logging object for a particular service and version.
Authentication

API token of a user with at least `Engineer` permissions.
Parameters

parameter	type	description
name	*string*	Name of the Loggly logging object.

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/loggly/test-loggly HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json


{
  "name": "test-loggly",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "response_condition": "",
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "token": "deadbeef",
  "placement": null
}
```

POST /service/ **service_id** /version/ **version** /logging/loggly

Create a Loggly logging object for a particular service and version.
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/loggly HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json


name=test-loggly&token=deadbeef
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "name": "test-loggly",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "response_condition": "",
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "token": "deadbeef",
  "placement": null
}
```

PUT /service/ **service_id** /version/ **version** /logging/loggly/ **old_name**

Update the Loggly logging object for a particular service and version.

Authentication

API token of a user with at least `Engineer` permissions.

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/loggly/test-loggly HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=updated-loggly
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "name": "updated-loggly",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "response_condition": "",
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "token": "deadbeef",
  "placement": null
}
```

DELETE /service/ **service_id** /version/ **version** /logging/loggly/ **name**

Delete the Loggly logging object for a particular service and version.

Authentication

API token of a user with at least `Engineer` permissions.

Parameters

parameter	type	description
name	*string*	Name of the Loggly logging object.

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/loggly/test-loggly HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "status": "ok"
}
```

Heroku

Fastly will stream log messages to the Heroku account in the format specified in the Heroku object.

> ⚠ **IMPORTANT:** This feature is part of a limited availability release. For more information, see our [product and feature lifecycle](#) descriptio...

Fields

field	type	description
name	*string*	The name of the heroku rule.
format	*string*	Apache style log formatting.
format_version	*integer*	The version of the custom logging format used for the configured endpoint. Can be either 2 (the defa... or 1 (the version 1 log format). The logging call gets placed by default in `vcl_log` if `format_versio...` `vcl_deliver` if `format_version` is set to `1`.
placement	*string*	Where in the generated VCL the logging call should be placed, overriding any format_version default... `waf_debug`. This field is not required and has no default value.
token	*string*	The token to use for authentication ([https://devcenter.heroku.com/articles/add-on-partner-log-integr...](https://devcenter.heroku.com/articles/add-on-partner-log-integr))
url	*string*	The url to stream logs to.
response_condition	*string*	When to execute the heroku. If empty, always execute.

Actions

GET /service/ **service_id** /version/ **version** /logging/heroku/ **name**

Get the Heroku for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/heroku/test-heroku HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "name": "test-heroku",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "response_condition": "",
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "placement": null,
  "token": "deadbeef",
  "url": "https://1.us.logplex.io/logs"
}
```

GET /service/ **service_id** /version/ **version** /logging/heroku

List all of the Herokus for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/heroku HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
[
  {
    "name": "test-heroku",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "version": "1",
    "response_condition": "",
    "format": "%h %l %u %t \"%r\" %>s %b",
    "format_version": "2",
    "placement": null,
    "token": "deadbeef",
    "url": "https://1.us.logplex.io/logs"
  }
]
```

POST /service/ **service_id** /version/ **version** /logging/heroku

Create a Heroku for a particular service and version
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/heroku HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=test-heroku&token=deadbeef&url=https://1.us.logplex.io/logs
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "name": "test-heroku",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "response_condition": "",
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "placement": null,
  "token": "deadbeef",
  "url": "https://1.us.logplex.io/logs"
}
```

PUT /service/ **service_id** /version/ **version** /logging/heroku/ **old_name**

Update the Heroku for a particular service and version
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/heroku/test-heroku HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=updated-heroku
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "name": "updated-heroku",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "response_condition": "",
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "placement": null,
  "token": "deadbeef",
  "url": "https://1.us.logplex.io/logs"
}
```

DELETE /service/ **service_id** /version/ **version** /logging/heroku/ **name**

Delete the Heroku for a particular service and version

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/heroku/test-heroku HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "status": "ok"
}
```

Openstack

Fastly will upload log messages to the OpenStack bucket in the format specified in the openstack object.

> ⚠ **IMPORTANT:** This feature is part of a limited availability release. For more information, see our [product and feature lifecycle](#) descriptio

Fields

field	type	description
access_key	*string*	Your OpenStack account access key.
bucket_name	*string*	The name of your OpenStack container.
created_at	*string*	Time-stamp (GMT) when the endpoint was created.
deleted_at	*string*	Time-stamp (GMT) when the endpoint was deleted.
format	*string*	Apache style log formatting.
format_version	*integer*	The version of the custom logging format used for the configured endpoint. Can be either 2 (the defa or 1 (the version 1 log format). The logging call gets placed by default in `vcl_log` if `format_version` `vcl_deliver` if `format_version` is set to `1`.
gzip_level	*integer*	What level of GZIP encoding to have when dumping logs (default 0, no compression).
message_type	*string*	How the message should be formatted One of:
classic	–	(default) RFC 3164 syslog prefix.
loggly	–	RFC 5424 structured syslog.

field	type	description
logplex	–	Heroku-style length prefixed syslog.
blank	–	No prefix. Useful for writing JSON and CSV.
name	*string*	The name of the OpenStack rule.
path	*string*	The path to upload logs to.
period	*integer*	How frequently log files are finalized so they can be available for reading (in seconds, default 3600).
placement	*string*	Where in the generated VCL the logging call should be placed, overriding any format_version default `waf_debug`. This field is not required and has no default value.
public_key	*string*	A PGP public key that Fastly will use to encrypt your log files before writing them to disk.
response_condition	*string*	When to execute the openstack. If empty, always execute.
service_id	*string*	The alphanumeric string identifying a service.
timestamp_format	*string*	strftime specified timestamp formatting (default "%Y-%m-%dT%H:%M:%S.000").
updated_at	*string*	Time-stamp (GMT) when the endpoint was updated.
url	*string*	Your OpenStack auth url.
user	*string*	The username for your OpenStack account.
version	*integer*	The current version of a service.

Actions

GET /service/ **service_id** /version/ **version** /logging/openstack

List all of the openstacks for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/openstack HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
[
  {
    "access_key": "AKIAIOSFODNN7EXAMPLE",
    "bucket_name": "my_corporate_bucket",
    "created_at": "2016-06-03T21:33:16+00:00",
    "deleted_at": null,
    "format": "%h %l %u %t \"%r\" %>s %b",
    "format_version": "2",
    "gzip_level": "0",
    "message_type": "classic",
    "name": "test-openstack",
    "path": "",
    "period": "3600",
    "placement": null,
    "public_key": null,
    "response_condition": "",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
    "updated_at": "2016-06-03T21:37:21+00:00",
    "url": "https://auth.storage.memset.com/v1.0",
    "user": "Openstack Username",
    "version": "1"
  }
]
```

GET /service/ **service_id** /version/ **version** /logging/openstack/ **name**

Get the openstack for a particular service and version
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/openstack/test-openstack HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "access_key": "AKIAIOSFODNN7EXAMPLE",
  "bucket_name": "my_corporate_bucket",
  "created_at": "2016-06-03T21:33:16+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "gzip_level": "0",
  "message_type": "classic",
  "name": "test-openstack",
  "path": "",
  "period": "3600",
  "placement": null,
  "public_key": null,
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "updated_at": "2016-06-03T21:37:21+00:00",
  "url": "https://auth.storage.memset.com/v1.0",
  "user": "Openstack Username",
  "version": "1"
}
```

POST /service/ **service_id** /version/ **version** /logging/openstack

Create a openstack for a particular service and version
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/openstack HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=test-openstack \
     &bucket_name=my_corporate_bucket \
     &access_key=AKIAIOSFODNN7EXAMPLE \
     &secret_key=wJalrXUtnFEMI/K7MDENG/bPxRfiCYEXAMPLEKEY
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "access_key": "AKIAIOSFODNN7EXAMPLE",
  "bucket_name": "my_corporate_bucket",
  "created_at": "2016-06-03T21:33:16+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "gzip_level": "0",
  "message_type": "classic",
  "name": "test-openstack",
  "path": "",
  "period": "3600",
  "placement": null,
  "public_key": null,
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "updated_at": "2016-06-03T21:37:21+00:00",
  "url": "https://auth.storage.memset.com/v1.0",
  "user": "Openstack Username",
  "version": "1"
}
```

PUT /service/ **service_id** /version/ **version** /logging/openstack/ **old_name**

Update the openstack for a particular service and version

Authentication

[API token](#) of a user with at least `Engineer` permissions.

Parameters

parameter	type	description
old_name	*string*	Old name of the openstack object (used to select the correct openstack object if the name has been changed).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/openstack/test-openstack HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=updated-test-openstack
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "access_key": "AKIAIOSFODNN7EXAMPLE",
  "bucket_name": "my_corporate_bucket",
  "created_at": "2016-06-03T21:33:16+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "gzip_level": "0",
  "message_type": "classic",
  "name": "updated-test-openstack",
  "path": "",
  "period": "3600",
  "placement": null,
  "public_key": null,
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "updated_at": "2016-06-03T21:37:21+00:00",
  "url": "https://auth.storage.memset.com/v1.0",
  "user": "Openstack Username",
  "version": "1"
}
```

DELETE /service/ **service_id** /version/ **version** /logging/openstack/ **name**

Delete the openstack for a particular service and version

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/openstack/test-openstack HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "status": "ok"
}
```

Papertrail

Fastly will stream log messages to the Papertrail account in the format specified in the Papertrail object.

Fields

field	type	description
address	*string*	An hostname or IPv4 address.
created_at	*string*	Time-stamp (GMT) when the endpoint was created.
deleted_at	*string*	Time-stamp (GMT) when the endpoint was deleted.
format	*string*	Apache style log formatting.
format_version	*integer*	The version of the custom logging format used for the configured endpoint. Can be either 2 (the defa or 1 (the version 1 log format). The logging call gets placed by default in `vcl_log` if `format_version` `vcl_deliver` if `format_version` is set to `1`.
name	*string*	The name of the papertrail rule.
placement	*string*	Where in the generated VCL the logging call should be placed, overriding any format_version default `waf_debug`. This field is not required and has no default value.

field	type	description
port	*integer*	The port number.
response_condition	*string*	When to execute the papertrail. If empty, always execute.
service_id	*string*	The alphanumeric string identifying a service.
updated_at	*string*	Time-stamp (GMT) when the endpoint was updated.
version	*integer*	The current version of a service.

Actions

GET /service/ **service_id** /version/ **version** /logging/papertrail

List all of the Papertrails for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/papertrail HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

[
  {
    "address": "example.com",
    "created_at": "2016-05-18T18:51:50+00:00",
    "deleted_at": null,
    "format": "%h %l %u %t \"%r\" %>s %b",
    "format_version": "2",
    "hostname": "example.com",
    "name": "test-papertrail",
    "placement": null,
    "port": "5140",
    "response_condition": "",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "updated_at": "2016-05-18T18:51:50+00:00",
    "version": "1"
  }
]
```

GET /service/ **service_id** /version/ **version** /logging/papertrail/ **name**

Get the Papertrail for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/papertrail/test-papertrail HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "address": "example.com",
  "created_at": "2016-05-18T18:51:50+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "hostname": "example.com",
  "name": "test-papertrail",
  "placement": null,
  "port": "5140",
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "updated_at": "2016-05-18T18:51:50+00:00",
  "version": "1"
}
```

POST /service/ **service_id** /version/ **version** /logging/papertrail

Create a Papertrail for a particular service and version

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/papertrail HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=test-papertrail&address=example.com
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "address": "example.com",
  "created_at": "2016-05-18T18:51:50+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "hostname": "example.com",
  "name": "test-papertrail",
  "placement": null,
  "port": "5140",
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "updated_at": "2016-05-18T18:51:50+00:00",
  "version": "1"
}
```

PUT /service/ **service_id** /version/ **version** /logging/papertrail/ **old_name**

Update the Papertrail for a particular service and version

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Parameters

parameter	type	description
old_name	*string*	Old name of the Papertrail object (used to select the correct Papertrail object if the name has been changed).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/papertrail/test-papertrail HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=updated-test-papertrail
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "address": "example.com",
  "created_at": "2016-05-18T18:51:50+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "hostname": "example.com",
  "name": "updated-test-papertrail",
  "placement": null,
  "port": "5140",
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "updated_at": "2016-05-18T18:51:50+00:00",
  "version": "1"
}
```

DELETE /service/ **service_id** /version/ **version** /logging/papertrail/ **name**

Delete the Papertrail for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/papertrail/test-papertrail HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "status": "ok"
}
```

Scalyr

Fastly will stream log messages to the Scalyr account in the format specified in the Scalyr object.

Fields

field	type	description
name	*string*	The name of the scalyr rule.
format	*string*	Apache style log formatting.
format_version	*integer*	The version of the custom logging format used for the configured endpoint. Can be either 2 (the defa… or 1 (the version 1 log format). The logging call gets placed by default in `vcl_log` if `format_versio…` `vcl_deliver` if `format_version` is set to `1`.
token	*string*	The token to use for authentication (https://www.scalyr.com/keys).
response_condition	*string*	When to execute the scalyr. If empty, always execute.
placement	*string*	Where in the generated VCL the logging call should be placed, overriding any format_version default… `waf_debug`. This field is not required and has no default value.

Actions

GET /service/ **service_id** /version/ **version** /logging/scalyr/ **name**

Get the Scalyr for a particular service and version
Authentication

API token of a user with at least `Engineer` permissions.

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/scalyr/test-scalyr HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "name": "test-scalyr",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "response_condition": "",
  "placement": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "token": "deadbeef"
}
```

GET /service/ **service_id** /version/ **version** /logging/scalyr

List all of the Scalyrs for a particular service and version

Authentication

API token of a user with at least `Engineer` permissions.

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/scalyr HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

[
{
  "name": "test-scalyr",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "response_condition": "",
  "placement": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "token": "deadbeef"
}
]
```

POST /service/ **service_id** /version/ **version** /logging/scalyr

Create a Scalyr for a particular service and version

Authentication

API token of a user with at least `Engineer` permissions.

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/scalyr HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=test-scalyr&token=deadbeef&url=https://1.us.logplex.io/logs
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "name": "test-scalyr",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "response_condition": "",
  "placement": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "token": "deadbeef"
}
```

PUT   /service/ **service_id** /version/ **version** /logging/scalyr/ **old_name**

Update the Scalyr for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/scalyr/test-scalyr HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=updated-scalyr
```

▼ **Response Example**

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "name": "updated-scalyr",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "response_condition": "",
  "placement": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "token": "deadbeef"
}
```

DELETE   /service/ **service_id** /version/ **version** /logging/scalyr/ **name**

Delete the Scalyr for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/scalyr/test-scalyr HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ **Response Example**

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "status": "ok"
}
```

SFTP

Fastly will upload log messages periodically to the server in the format specified in the SFTP object.

Fields

field	type	description

field	type	description
address	*string*	The hostname or IPv4 address.
created_at	*string*	Time-stamp (GMT) when the endpoint was created.
deleted_at	*string*	Time-stamp (GMT) when the endpoint was deleted.
format	*string*	Apache style log formatting.
format_version	*integer*	The version of the custom logging format used for the configured endpoint. Can be either 2 (the defa… or 1 (the version 1 log format). The logging call gets placed by default in `vcl_log` if `format_versio…` `vcl_deliver` if `format_version` is set to `1`.
gzip_level	*integer*	What level of GZIP encoding to have when dumping logs (default 0, no compression).
message_type	*string*	How the message should be formatted. One of:
classic	–	(default) RFC 3164 syslog prefix.
loggly	–	RFC 5424 structured syslog.
logplex	–	Heroku-style length prefixed syslog.
blank	–	No prefix. Useful for writing JSON and CSV.
name	*string*	The name of the SFTP endpoint.
password	*string*	The password for the server. If both password and secret_key are passed, secret_key will be used in…
path	*string*	The path to upload logs to. The directory must exist on the SFTP server before logs can be saved to…
period	*integer*	How frequently log files are finalized so they can be available for reading (in seconds, default 3600).
placement	*string*	Where in the generated VCL the logging call should be placed, overriding any format_version default… `waf_debug`. This field is not required and has no default value.
port	*integer*	The port number.
public_key	*string*	A PGP public key that Fastly will use to encrypt your log files before writing them to disk.
response_condition	*string*	When to execute the SFTP logging rule. If empty, always execute.
secret_key	*string*	The SSH private key for the server. If both password and secret_key are passed, secret_key will be u…
service_id	*string*	The alphanumeric string identifying a service.
ssh_known_hosts	*string*	A list of host keys for all hosts we can connect to over SFTP.
timestamp_format	*string*	strftime specified timestamp formatting (default "%Y-%m-%dT%H:%M:%S.000").
updated_at	*string*	Time-stamp (GMT) when the endpoint was updated.
user	*string*	The username for the server.
version	*integer*	The current version of a service.

Actions

GET /service/ **service_id** /version/ **version** /logging/sftp

List all of the SFTPs for a particular service and version

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/sftp HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
[
  {
    "address": "example.com",
    "created_at": "2019-02-25T23:39:09Z",
    "deleted_at": null,
    "format": "%h %l %u %t \"%r\" %>s %b",
    "format_version": "2",
    "gzip_level": 0,
    "message_type": "classic",
    "name": "test-sftp",
    "password": "REDACTED",
    "path": "/",
    "period": "3600",
    "placement": null,
    "port": "22",
    "public_key": null,
    "response_condition": "",
    "secret_key": "",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "ssh_known_hosts": "example.com ecdsa-sha2-nistp256 abc123XYX...",
    "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
    "updated_at": "2019-03-01T12:21:37Z",
    "user": "anonymous",
    "version": "1"
  }
]
```

GET /service/ **service_id** /version/ **version** /logging/sftp/ **name**

Get the SFTP for a particular service and version

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/sftp/test-sftp HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "address": "example.com",
  "created_at": "2019-02-25T23:39:09Z",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "gzip_level": 0,
  "message_type": "classic",
  "name": "test-sftp",
  "password": "REDACTED",
  "path": "/",
  "period": "3600",
  "placement": null,
  "port": "22",
  "public_key": null,
  "response_condition": "",
  "secret_key": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "ssh_known_hosts": "example.com ecdsa-sha2-nistp256 abc123XYX...",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "updated_at": "2019-03-01T12:21:37Z",
  "user": "anonymous",
  "version": "1"
}
```

POST /service/ **service_id** /version/ **version** /logging/sftp

Create a SFTP for a particular service and version

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/sftp HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=test-sftp&address=example.com&port=22&user=anonymous&password=mysecretpassword&path=/&ssh_known_hosts=example.com%2520cds
nistp256%2520abc123XYX
```

▼ **Response Example**

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```json
{
  "address": "example.com",
  "created_at": "2019-03-05T18:05:15Z",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "gzip_level": 0,
  "message_type": "classic",
  "name": "test-sftp",
  "password": "REDACTED",
  "path": "/",
  "period": "3600",
  "placement": null,
  "port": "22",
  "public_key": null,
  "response_condition": "",
  "secret_key": null,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "ssh_known_hosts": "example.com%20cdsa-sha2-nistp256%20abc123XYX",
  "timestamp_format": "2019-03-05T18:05:15Z",
  "updated_at": "2016-05-17T18:27:29+00:00",
  "user": "anonymous",
  "version": "1"
}
```

PUT /service/ **service_id** /version/ **version** /logging/sftp/ **old_name**

Update the SFTP for a particular service and version

Authentication

API token of a user with at least `Engineer` permissions.

Parameters

parameter	type	description
old_name	*string*	Old name of the SFTP object (used to select the correct SFTP object if the name has been changed).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/sftp/test-sftp HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json


name=updated-test-sftp
```

▼ **Response Example**

```
HTTP/1.1 200 OK
Content-Type: application/json


{
  "address": "example.com",
  "created_at": "2019-03-05T18:12:54Z",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "gzip_level": 0,
  "message_type": "classic",
  "name": "updated-test-sftp",
  "password": "REDACTED",
  "path": "/",
  "period": "3600",
  "placement": null,
  "port": "22",
  "public_key": null,
  "response_condition": "",
  "secret_key": null,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "ssh_known_hosts": "example.com%20cdsa-sha2-nistp256%20abc123XYX",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "updated_at": "2019-03-05T18:12:54Z",
  "user": "anonymous",
  "version": "1"
}
```

DELETE /service/ **service_id** /version/ **version** /logging/sftp/ **name**

Delete the SFTP for a particular service and version

Authentication

API token of a user with at least `Engineer` permissions.

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/sftp/test-sftp HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ **Response Example**

```
HTTP/1.1 200 OK
Content-Type: application/json


{
  "status": "ok"
}
```

Splunk

Fastly will POST messages to your Splunk account in the format specified in the Splunk object.

Fields

field	type	description

field	type	description
name	*string*	The name of the Splunk logging rule.
service_id	*string*	The alphanumeric string identifying a service.
version	*integer*	The current version of a service.
url	*string*	The URL to POST to.
format	*string*	Apache style log formatting.
format_version	*integer*	The version of the custom logging format used for the configured endpoint. Can be either 2 (the defa or 1 (the version 1 log format). The logging call gets placed by default in `vcl_log` if `format_versio` `vcl_deliver` if `format_version` is set to `1`.
created_at	*string*	Time-stamp (GMT) when the endpoint was created.
updated_at	*string*	Time-stamp (GMT) when the endpoint was deleted.
deleted_at	*string*	Time-stamp (GMT) when the endpoint was deleted.
response_condition	*string*	When to execute the Splunk logging rule. If empty, always execute.
placement	*string*	Where in the generated VCL the logging call should be placed, overriding any format_version default `waf_debug`. This field is not required and has no default value.
token	*string*	A Splunk token for use in posting logs over HTTP to your collector.

Actions

GET /service/ **service_id** /version/ **version** /logging/splunk

List all of the Splunk logging objects for a particular service and version.
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/splunk HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

[
  {
    "created_at": "2016-05-23T21:37:09+00:00",
    "deleted_at": null,
    "format": "%h %l %u %t \"%r\" %>s %b",
    "format_version": "2",
    "name": "test-splunk",
    "url": "https://mysplunkendpoint.example.com/services/collector/event",
    "response_condition": "",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "updated_at": "2016-05-23T21:37:09+00:00",
    "placement": null,
    "version": "1"
  }
]
```

GET /service/ **service_id** /version/ **version** /logging/splunk/ **name**

Get the details for a Splunk logging object for a particular service and version.
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/splunk/test-splunk HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "created_at": "2016-05-23T21:37:09+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "name": "test-splunk",
  "url": "https://mysplunkendpoint.example.com/services/collector/event",
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "updated_at": "2016-05-23T21:37:09+00:00",
  "placement": null,
  "version": "1"
}
```

POST /service/ **service_id** /version/ **version** /logging/splunk

Create a Splunk logging object for a particular service and version.
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/splunk HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=test-splunk
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "created_at": "2016-05-23T21:37:09+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "name": "test-splunk",
  "url": "https://mysplunkendpoint.example.com/services/collector/event",
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "updated_at": "2016-05-23T21:37:09+00:00",
  "placement": null,
  "version": "1"
}
```

PUT /service/ **service_id** /version/ **version** /logging/splunk/ **old_name**

Update the Splunk logging object for a particular service and version.
Authentication

API token of a user with at least `Engineer` permissions.
Parameters

parameter	type	description
old_name	*string*	Old name of the Splunk object (used to select the correct Splunk object if the name has been changed).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/splunk/test-splunk HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=updated-test-splunk
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "created_at": "2016-05-23T21:37:09+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "name": "updated-test-splunk",
  "url": "https://mysplunkendpoint.example.com/services/collector/event",
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "updated_at": "2016-05-23T21:37:09+00:00",
  "placement": null,
  "version": "1"
}
```

DELETE /service/ **service_id** /version/ **version** /logging/splunk/ **name**

Delete the Splunk logging object for a particular service and version
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/splunk/test-splunk HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "status": "ok"
}
```

Sumologic

Fastly will POST messages to the Sumo Logic account in the format specified in the Sumologic object.

Fields

field	type	description
created_at	*string*	Time-stamp (GMT) when the endpoint was created.
deleted_at	*string*	Time-stamp (GMT) when the endpoint was deleted.
format	*string*	Apache style log formatting.
format_version	*integer*	The version of the custom logging format used for the configured endpoint. Can be either 2 (the defa or 1 (the version 1 log format). The logging call gets placed by default in `vcl_log` if `format_versio` `vcl_deliver` if `format_version` is set to `1`.
message_type	*string*	How the message should be formatted One of:
classic	–	(default) RFC 3164 syslog prefix.
loggly	–	RFC 5424 structured syslog.
logplex	–	Heroku-style length prefixed syslog.

field	type	description
blank	-	No prefix. Useful for writing JSON and CSV.
name	*string*	The name of the sumologic rule.
placement	*string*	Where in the generated VCL the logging call should be placed, overriding any format_version default `waf_debug`. This field is not required and has no default value.
response_condition	*string*	When to execute the sumologic. If empty, always execute.
url	*string*	The URL to POST to.
version	*integer*	The current version of a service.

Actions

GET /service/ **service_id** /version/ **version** /logging/sumologic

List all of the Sumologics for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/sumologic HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

[
  {
    "created_at": "2016-05-23T21:37:09+00:00",
    "deleted_at": null,
    "format": "%h %l %u %t \"%r\" %>s %b",
    "format_version": "2",
    "message_type": "classic",
    "name": "test-sumologic",
    "placement": null,
    "response_condition": "",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "updated_at": "2016-05-23T21:37:09+00:00",
    "url": "https://endpoint1.collection.us2.sumologic.com/receiver/v1/http/your_end_point_here",
    "version": "1"
  }
]
```

GET /service/ **service_id** /version/ **version** /logging/sumologic/ **name**

Get the Sumologic for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/sumologic/test-sumologic HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "created_at": "2016-05-23T21:37:09+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "message_type": "classic",
  "name": "test-sumologic",
  "placement": null,
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "updated_at": "2016-05-23T21:37:09+00:00",
  "url": "https://endpoint1.collection.us2.sumologic.com/receiver/v1/http/your_end_point_here",
  "version": "1"
}
```

POST /service/ **service_id** /version/ **version** /logging/sumologic

Create a Sumologic for a particular service and version
Authentication

API token of a user with at least `Engineer` permissions.

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/sumologic HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=test-sumologic&url=https://sumologic.net/v1/http/your_end_point_here
```

▼ **Response Example**

```
HTTP/1.1 200 OK
Content-Type: application/json


{
  "created_at": "2016-05-23T21:37:09+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "message_type": "classic",
  "name": "test-sumologic",
  "response_condition": "",
  "placement": null,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "updated_at": "2016-05-23T21:37:09+00:00",
  "url": "https://endpoint1.collection.us2.sumologic.com/receiver/v1/http/your_end_point_here",
  "version": "1"
}
```

PUT /service/ **service_id** /version/ **version** /logging/sumologic/ **old_name**

Update the Sumologic for a particular service and version
Authentication

API token of a user with at least `Engineer` permissions.
Parameters

parameter	type	description
old_name	*string*	Old name of the Sumologic object (used to select the correct Sumologic object if the name has been changed).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/sumologic/test-sumologic HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=updated-test-sumologic
```

▼ **Response Example**

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "created_at": "2016-05-23T21:37:09+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "message_type": "classic",
  "name": "updated-test-sumologic",
  "response_condition": "",
  "placement": null,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "updated_at": "2016-05-23T21:37:09+00:00",
  "url": "https://endpoint1.collection.us2.sumologic.com/receiver/v1/http/your_end_point_here",
  "version": "1"
}
```

DELETE /service/ **service_id** /version/ **version** /logging/sumologic/ **name**

Delete the Sumologic for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/sumologic/test-sumologic HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json


{
  "status": "ok"
}
```

Syslog

Fastly will stream log messages to the location in the format specified in the Syslog object.

Fields

field	type	description
address	*string*	A hostname or IPv4 address.
created_at	*string*	Time-stamp (GMT) when the endpoint was created.
deleted_at	*string*	Time-stamp (GMT) when the endpoint was deleted.
format	*string*	Apache style log formatting.
format_version	*integer*	The version of the custom logging format used for the configured endpoint. Can be either 2 (the defa or 1 (the version 1 log format). The logging call gets placed by default in `vcl_log` if `format_version` `vcl_deliver` if `format_version` is set to `1`.
hostname	*string*	The hostname used for the syslog endpoint.
ipv4	*string*	The IPv4 address used for the syslog endpoint.
message_type	*string*	How the message should be formatted One of:
classic	-	(default) RFC 3164 syslog prefix.
loggly	-	RFC 5424 structured syslog.
logplex	-	Heroku-style length prefixed syslog.

field	type	description
blank	-	No prefix. Useful for writing JSON and CSV.
name	*string*	The name of the syslog rule.
placement	*string*	Where in the generated VCL the logging call should be placed, overriding any format_version default `waf_debug`. This field is not required and has no default value.
port	*integer*	The port number.
response_condition	*string*	When to execute the syslog. If empty, always execute.
service_id	*string*	The alphanumeric string identifying a service.
tls_ca_cert	*string*	A secure certificate to authenticate the server with.
tls_hostname	*string*	Used during the TLS handshake to validate the certificate.
token	*string*	Whether to prepend each message with a specific token.
updated_at	*string*	Time-stamp (GMT) when the endpoint was updated.
use_tls	*string*	Whether to use TLS for secure logging. Can be either `"0"` or `"1"`.
version	*integer*	The current version of a service.

Actions

GET /service/ **service_id** /version/ **version** /logging/syslog

List all of the Syslogs for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/syslog HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
[
  {
    "address": "example.com",
    "created_at": "2016-05-26T16:41:38+00:00",
    "deleted_at": null,
    "format": "%h %l %u %t \"%r\" %>s %b",
    "format_version": "2",
    "hostname": "example.com",
    "ipv4": null,
    "message_type": "classic",
    "name": "test-syslog",
    "placement": null,
    "port": "514",
    "response_condition": "",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "tls_ca_cert": null,
    "tls_hostname": null,
    "token": null,
    "updated_at": "2016-05-26T16:41:38+00:00",
    "use_tls": "0",
    "version": "1"
  }
]
```

GET /service/ **service_id** /version/ **version** /logging/syslog/ **name**

Get the Syslog for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/syslog/test-syslog HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "address": "example.com",
  "created_at": "2016-05-26T16:41:38+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "hostname": "example.com",
  "ipv4": null,
  "message_type": "classic",
  "name": "test-syslog",
  "placement": null,
  "port": "514",
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "tls_ca_cert": null,
  "tls_hostname": null,
  "token": null,
  "updated_at": "2016-05-26T16:41:38+00:00",
  "use_tls": "0",
  "version": "1"
}
```

POST /service/ **service_id** /version/ **version** /logging/syslog

Create a Syslog for a particular service and version
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/syslog HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=test-syslog&address=example.com
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "address": "example.com",
  "created_at": "2016-05-26T16:41:38+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "hostname": "example.com",
  "ipv4": null,
  "message_type": "classic",
  "name": "test-syslog",
  "placement": null,
  "port": "514",
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "tls_ca_cert": null,
  "tls_hostname": null,
  "token": null,
  "updated_at": "2016-05-26T16:41:38+00:00",
  "use_tls": "0",
  "version": "1"
}
```

PUT /service/ **service_id** /version/ **version** /logging/syslog/ **old_name**

Update the Syslog for a particular service and version

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Parameters

parameter	type	description
old_name	*string*	Old name of the Syslog object (used to select the correct Syslog object if the name has been changed).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/syslog/test-syslog HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=updated-test-syslog
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "address": "example.com",
  "created_at": "2016-05-26T16:41:38+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "2",
  "hostname": "example.com",
  "ipv4": null,
  "message_type": "classic",
  "name": "updated-test-syslog",
  "placement": null,
  "port": "514",
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "tls_ca_cert": null,
  "tls_hostname": null,
  "token": null,
  "updated_at": "2016-05-26T16:41:38+00:00",
  "use_tls": "0",
  "version": "1"
}
```

DELETE /service/ **service_id** /version/ **version** /logging/syslog/ **name**

Delete the Syslog for a particular service and version

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/syslog/test-syslog HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json


{
  "status": "ok"
}
```

Syslog legacy paths

Our original `syslog` logging endpoints did not include `/logging/` as part of the URL pattern. In 2017 we updated the URLs to match the logging endpoints. We maintain the deprecated patterns (without `/logging/`) as a courtesy.

Utilities

Content

Fastly makes it possible to see which version of a particular URL is cached on each edge server.

Actions

GET /content/edge_check

Retrieve headers and MD5 hash of the content for a particular URL from each Fastly edge server. This API is limited to 200 requests per hou
Authentication

API token of a user with at least `Engineer` permissions. This endpoint does not accept a token with the `global:read` scope.
Parameters

parameter	type	description
url	*string*	Full URL (host and path) to check on all nodes. if protocol is omitted, `http` will be assumed

Request Example

```
GET /content/edge_check?url=www.example.com/foo/bar HTTP/1.1
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
[
  {
    "hash": "c6447943be2cff04787d9367ddd58fa0",
    "request": {
      "headers": {
        "Host": "www.example.com/foo/bar",
        "User-Agent": "Fastly/cache-check"
      },
      "method": null,
      "url": null
    },
    "response": {
      "headers": {
        "Accept-Ranges": "bytes",
        "Age": "0",
        "Connection": "keep-alive",
        "Content-Length": "154189",
        "Content-Type": "text/html; charset=UTF-8",
        "Date": "Mon, 06 Jun 2016 15:26:05 GMT",
        "ETag": "W/\"76cdf069e25c5e32bb8005982d3f8e0d\"",
        "Expires": "Thu, 01 Jan 1970 00:00:00 GMT",
        "Set-Cookie": [
          "crumb=EUmnHJvt3XCJP2hZmlzWCvVNzOHq5Wb1;Path=/",
          "SS_MID=7b22de59-a0ca-4d2f-aea2-dbe337990ba3ip466npy;Path=/;Domain=.example.com;Expires=Thu, 04-Jun-2026 15:26:05 GM
        ],
        "Vary": "Accept-Encoding, User-Agent",
        "Via": "1.1 varnish",
        "X-Cache": "MISS",
        "X-Cache-Hits": "0",
        "X-ContextId": "P0IlaNKm/roP4a7jq",
        "X-PC-AppVer": "7951",
        "X-PC-Date": "Mon, 06 Jun 2016 15:26:04 GMT",
        "X-PC-Hit": "true",
        "X-PC-Host": "127.0.0.1",
        "X-PC-Key": "OZs6DMRDuX2Tj7xXJlbWIZgI2cI-example",
        "X-Served-By": "cache-sjc3120-SJC",
        "X-ServedBy": "web029",
        "X-Timer": "S1465226764.194256,VS0,VE1054",
        "X-Via": "1.1 echo007"
      },
      "status": 200
    },
    "response_time": 2.604431,
    "server": "cache-sjc3120",
    "pop": "SJC"
  },
]
```

Datacenter

List Fastly datacenters and their locations.

Actions

GET /datacenters

Get a list of all Fastly datacenters.
Authentication

[API token](#) with at least `Billing` [permissions](#).
Request Example

```
GET /datacenters HTTP/1.1
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
[
  {
    "code": "AMS",
    "coordinates": {
      "latitude": 52.3081,
      "longitude": 4.7642,
      "x": 129,
      "y": 42
    },
    "group": "Europe",
    "name": "Amsterdam",
    "shield": "amsterdam-nl"
  },
]
```

Docs

Documentation of the endpoints that return the Fastly API Documentation.

Actions

GET /docs

Gets all documentation associated with the Fastly API.
Authentication

None.
Request Example

```
GET /docs HTTP/1.1
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
[
  {
    "actions": [
      {
        "authentication": "engineer",
        "description": [
          "List all backends for a particular service and version."
        ],
        "http_method": "GET",
        "request": [
          "GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/backend",
          "Fastly-Key: YOUR_FASTLY_TOKEN",
          "Accept: application/json"
        ],
        "response": [
          "HTTP/1.1 200 OK",
          "Content-Type: application/json"
        ],
        "response_body": [
          "[",
          "  {",
          "    \"address\": \"127.0.0.1\",",
          "    \"auto_loadbalance\": false,",
          "    \"between_bytes_timeout\": 10000,",
          "    \"client_cert\": null,",
          "    \"comment\": \"\",",
          "    \"connect_timeout\": 1000,",
          "    \"first_byte_timeout\": 15000,",
          "    \"healthcheck\": null,",
          "    \"hostname\": null,",
          "    \"ipv4\": \"127.0.0.1\",",
          "    \"ipv6\": null,",
          "    \"locked\": true,",
          "    \"max_conn\": 200,",
          "    \"max_tls_version\": null,",
          "    \"min_tls_version\": null,",
          "    \"name\": \"backend-name\",",
          "    \"port\": 80,",
          "    \"request_condition\": \"\",",
          "    \"service_id\": \"SU1Z0isxPaozGVKXdv0eY\",",
          "    \"shield\": null,",
          "    \"ssl_ca_cert\": null,",
          "    \"ssl_cert_hostname\": null,",
          "    \"ssl_check_cert\": true,",
          "    \"ssl_ciphers\": null,",
          "    \"ssl_client_cert\": null,",
          "    \"ssl_client_key\": null,",
          "    \"ssl_hostname\": null,",
          "    \"ssl_sni_hostname\": null,",
          "    \"use_ssl\": false,",
          "    \"version\": 1,",
          "    \"weight\": 100",
          "  }",
          "]"
        ],
        "url": "/service/:service_id/version/:version/backend"
      },
    ],
    "description": [
      "A backend is an address (IP or domain) from which Fastly pulls content. There can be multiple backends for a service."
    ],
    "fields": [
      "address String. An hostname, IPv4, or IPv6 address for the backend.",
      "auto_loadbalance Boolean. Whether or not this backend should be automatically load balanced.",
      "between_bytes_timeout Integer. How long to wait between bytes in milliseconds.",
      "client_cert String.",
      "comment String.",
      "connect_timeout Integer. How long to wait for a timeout in milliseconds.",
      "first_byte_timeout Integer. How long to wait for the first bytes in milliseconds.",
      "healthcheck String. The name of the healthcheck to use with this backend. Can be empty.",
      "hostname String. The hostname of the backend.",
      "ipv4 String. IPv4 address of the host.",
      "ipv6 String. IPv6 address of the host.",
      "locked Boolean. Specifies whether or not the version is locked for editing.",
      "max_conn Integer. Maximum number of connections.",
      "max_tls_version Integer. Maximum allowed TLS version on SSL connections to this backend.",
      "min_tls_version Integer. Minimum allowed TLS version on SSL connections to this backend.",
      "name String. The name of the backend.",
      "port Integer. The port number.",
      "request_condition String. Condition, which if met, will select this backend during a request.",
      "service_id String. The alphanumeric string identifying a service.",
      "shield String. The shield POP designated to reduce inbound load on this origin by serving the cached data to the rest o
      "ssl_ca_cert String. CA certificate attached to origin.",
```

```
         "ssl_cert_hostname String. Overrides ssl_hostname, but only for cert verification. Does not affect SNI at all.",
         "ssl_check_cert Boolean. Be strict on checking SSL certs.",
         "ssl_ciphers String. List of openssl ciphers (see https://www.openssl.org/docs/manmaster/apps/ciphers.html for details)'
         "ssl_client_cert String. Client certificate attached to origin.",
         "ssl_client_key String. Client key attached to origin.",
         "ssl_hostname String. Used for both SNI during the TLS handshake and to validate the cert.",
         "ssl_sni_hostname String. Overrides ssl_hostname, but only for SNI in the handshake. Does not affect cert validation at
         "use_ssl Boolean. Whether or not to use SSL to reach the backend.",
         "version Integer. The current version number of a service.",
         "weight Integer. Weight used to load balance this backend against others."
      ],
      "section": "backend"
   }
 ]
```

GET /docs/subject/ **endpoint**

Gets all documentation relating to a given 'Subject'

Authentication

None.

Parameters

parameter	type	description
subject	*string*	The subject to search for.

Request Example

```
GET /docs/subject/backend HTTP/1.1
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "actions": [
    {
      "authentication": "engineer",
      "description": [
        "List all backends for a particular service and version."
      ],
      "http_method": "GET",
      "request": [
        "GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/backend",
        "Fastly-Key: YOUR_FASTLY_TOKEN",
        "Accept: application/json"
      ],
      "response": [
        "HTTP/1.1 200 OK",
        "Content-Type: application/json"
      ],
      "response_body": [
        "[",
        "  {",
        "    \"address\": \"127.0.0.1\",",
        "    \"auto_loadbalance\": false,",
        "    \"between_bytes_timeout\": 10000,",
        "    \"client_cert\": null,",
        "    \"comment\": \"\",",
        "    \"connect_timeout\": 1000,",
        "    \"first_byte_timeout\": 15000,",
        "    \"healthcheck\": null,",
        "    \"hostname\": null,",
        "    \"ipv4\": \"127.0.0.1\",",
        "    \"ipv6\": null,",
        "    \"locked\": true,",
        "    \"max_conn\": 200,",
        "    \"max_tls_version\": null,",
        "    \"min_tls_version\": null,",
        "    \"name\": \"backend-name\",",
        "    \"port\": 80,",
        "    \"request_condition\": \"\",",
        "    \"service_id\": \"SU1Z0isxPaozGVKXdv0eY\",",
        "    \"shield\": null,",
        "    \"ssl_ca_cert\": null,",
        "    \"ssl_cert_hostname\": null,",
        "    \"ssl_check_cert\": true,",
        "    \"ssl_ciphers\": null,",
        "    \"ssl_client_cert\": null,",
        "    \"ssl_client_key\": null,",
        "    \"ssl_hostname\": null,",
        "    \"ssl_sni_hostname\": null,",
        "    \"use_ssl\": false,",
        "    \"version\": 1,",
        "    \"weight\": 100",
        "  }",
        "]"
      ],
      "url": "/service/:service_id/version/:version/backend"
    },
  ],
  "description": [
    "A backend is an address (IP or domain) from which Fastly pulls content. There can be multiple backends for a service."
  ],
  "fields": [
    "address String. An hostname, IPv4, or IPv6 address for the backend.",
    "auto_loadbalance Boolean. Whether or not this backend should be automatically load balanced.",
    "between_bytes_timeout Integer. How long to wait between bytes in milliseconds.",
    "client_cert String.",
    "comment String.",
    "connect_timeout Integer. How long to wait for a timeout in milliseconds.",
    "first_byte_timeout Integer. How long to wait for the first bytes in milliseconds.",
    "healthcheck String. The name of the healthcheck to use with this backend. Can be empty.",
    "hostname String. The hostname of the backend.",
    "ipv4 String. IPv4 address of the host.",
    "ipv6 String. IPv6 address of the host.",
    "locked Boolean. Specifies whether or not the version is locked for editing.",
    "max_conn Integer. Maximum number of connections.",
    "max_tls_version Integer. Maximum allowed TLS version on SSL connections to this backend.",
    "min_tls_version Integer. Minimum allowed TLS version on SSL connections to this backend.",
    "name String. The name of the backend.",
    "port Integer. The port number.",
    "request_condition String. Condition, which if met, will select this backend during a request.",
    "service_id String. The alphanumeric string identifying a service.",
    "shield String. The shield POP designated to reduce inbound load on this origin by serving the cached data to the rest of",
    "ssl_ca_cert String. CA certificate attached to origin.",
    "ssl_cert_hostname String. Overrides ssl_hostname, but only for cert verification. Does not affect SNI at all.",
```

```
          "ssl_check_cert Boolean. Be strict on checking SSL certs.",
          "ssl_ciphers String. List of openssl ciphers (see https://www.openssl.org/docs/manmaster/apps/ciphers.html for details)",
          "ssl_client_cert String. Client certificate attached to origin.",
          "ssl_client_key String. Client key attached to origin.",
          "ssl_hostname String. Used for both SNI during the TLS handshake and to validate the cert.",
          "ssl_sni_hostname String. Overrides ssl_hostname, but only for SNI in the handshake. Does not affect cert validation at al
          "use_ssl Boolean. Whether or not to use SSL to reach the backend.",
          "version Integer. The current version number of a service.",
          "weight Integer. Weight used to load balance this backend against others."
      ],
      "section": "backend"
  }
```

GET /docs/section/ **section**

Gets all documentation associated with a given Categorical Section where :section is a regular_expression. passing invert=true will force a r
does not match the given regular_expression

Authentication

None.

Parameters

parameter	type	description
section	*string*	The subject to search for.
invert	*boolean*	Get everything that does not match section

Request Example

```
GET /docs/section/backend HTTP/1.1
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "actions": [
    {
      "authentication": "engineer",
      "description": [
        "List all backends for a particular service and version."
      ],
      "http_method": "GET",
      "request": [
        "GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/backend",
        "Fastly-Key: YOUR_FASTLY_TOKEN",
        "Accept: application/json"
      ],
      "response": [
        "HTTP/1.1 200 OK",
        "Content-Type: application/json"
      ],
      "response_body": [
        "[",
        "  {",
        "    \"address\": \"127.0.0.1\",",
        "    \"auto_loadbalance\": false,",
        "    \"between_bytes_timeout\": 10000,",
        "    \"client_cert\": null,",
        "    \"comment\": \"\",",
        "    \"connect_timeout\": 1000,",
        "    \"first_byte_timeout\": 15000,",
        "    \"healthcheck\": null,",
        "    \"hostname\": null,",
        "    \"ipv4\": \"127.0.0.1\",",
        "    \"ipv6\": null,",
        "    \"locked\": true,",
        "    \"max_conn\": 200,",
        "    \"max_tls_version\": null,",
        "    \"min_tls_version\": null,",
        "    \"name\": \"backend-name\",",
        "    \"port\": 80,",
        "    \"request_condition\": \"\",",
        "    \"service_id\": \"SU1Z0isxPaozGVKXdv0eY\",",
        "    \"shield\": null,",
        "    \"ssl_ca_cert\": null,",
        "    \"ssl_cert_hostname\": null,",
        "    \"ssl_check_cert\": true,",
        "    \"ssl_ciphers\": null,",
        "    \"ssl_client_cert\": null,",
        "    \"ssl_client_key\": null,",
        "    \"ssl_hostname\": null,",
        "    \"ssl_sni_hostname\": null,",
        "    \"use_ssl\": false,",
        "    \"version\": 1,",
        "    \"weight\": 100",
        "  }",
        "]"
      ],
      "url": "/service/:service_id/version/:version/backend"
    },
  ],
  "description": [
    "A backend is an address (IP or domain) from which Fastly pulls content. There can be multiple backends for a service."
  ],
  "fields": [
    "address String. An hostname, IPv4, or IPv6 address for the backend.",
    "auto_loadbalance Boolean. Whether or not this backend should be automatically load balanced.",
    "between_bytes_timeout Integer. How long to wait between bytes in milliseconds.",
    "client_cert String.",
    "comment String.",
    "connect_timeout Integer. How long to wait for a timeout in milliseconds.",
    "first_byte_timeout Integer. How long to wait for the first bytes in milliseconds.",
    "healthcheck String. The name of the healthcheck to use with this backend. Can be empty.",
    "hostname String. The hostname of the backend.",
    "ipv4 String. IPv4 address of the host.",
    "ipv6 String. IPv6 address of the host.",
    "locked Boolean. Specifies whether or not the version is locked for editing.",
    "max_conn Integer. Maximum number of connections.",
    "max_tls_version Integer. Maximum allowed TLS version on SSL connections to this backend.",
    "min_tls_version Integer. Minimum allowed TLS version on SSL connections to this backend.",
    "name String. The name of the backend.",
    "port Integer. The port number.",
    "request_condition String. Condition, which if met, will select this backend during a request.",
    "service_id String. The alphanumeric string identifying a service.",
    "shield String. The shield POP designated to reduce inbound load on this origin by serving the cached data to the rest of
    "ssl_ca_cert String. CA certificate attached to origin.",
    "ssl_cert_hostname String. Overrides ssl_hostname, but only for cert verification. Does not affect SNI at all.",
```

```
      "ssl_check_cert Boolean. Be strict on checking SSL certs.",
      "ssl_ciphers String. List of openssl ciphers (see https://www.openssl.org/docs/manmaster/apps/ciphers.html for details)",
      "ssl_client_cert String. Client certificate attached to origin.",
      "ssl_client_key String. Client key attached to origin.",
      "ssl_hostname String. Used for both SNI during the TLS handshake and to validate the cert.",
      "ssl_sni_hostname String. Overrides ssl_hostname, but only for SNI in the handshake. Does not affect cert validation at al
      "use_ssl Boolean. Whether or not to use SSL to reach the backend.",
      "version Integer. The current version number of a service.",
      "weight Integer. Weight used to load balance this backend against others."
   ],
   "section": "backend"
}
```

Public IP List

To help you manage firewall rules for connections from Fastly to your origin, we provide access to the list of Fastly's assigned IP ranges. Ch
announced in advance as an "IP address announcement" ([example](#)) along with other service announcements to our [status page](#), which you

Actions

GET   /public-ip-list

List the public IP addresses for the Fastly network.

Authentication

None.

Request Example

```
GET /public-ip-list HTTP/1.1
Accept: application/json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "addresses": [
    "23.235.32.0/20",
    "43.249.72.0/22",
    "103.244.50.0/24",
    "103.245.222.0/23",
    "103.245.224.0/24",
    "104.156.80.0/20",
    "151.101.0.0/16",
    "157.52.64.0/18",
    "172.111.64.0/18",
    "185.31.16.0/22",
    "199.27.72.0/21",
    "199.232.0.0/16"
  ],
  "ipv6_addresses": [
    "2a04:4e40::/32",
    "2a04:4e42::/32"
  ]
}
```

WAF

Fastly offers a [web application firewall (WAF)](#) security service that allows you to detect malicious request traffic and log or log and block tha
your web application. The Fastly WAF provides rules that detect and block potential attacks. The rules are collected into a policy and deploy
service at the edge.

> ⓘ **IMPORTANT:** This feature is part of a limited availability release. Portions of this API may be subject to changes and improvements ov
> *deprecated* may be removed in the future and their use is discouraged. For more information, see our [product and feature lifecycle](#) descr

Firewall

Firewall object used when configuring WAF.

Fields

field	type	description

field	type	description
last_push	*string*	Date and time that VCL was last pushed to cache nodes.
prefetch_condition	*string*	Name of the corresponding condition object.
response	*string*	Name of the corresponding response object.
version	*string*	The current version number of a service.
service_id	*string*	The service ID.
disabled	*boolean*	The status of the firewall. Defaults to false.
rule_statuses_log_count	*integer*	The number of rule statuses set to log.
rule_statuses_block_count	*integer*	The number of rule statuses set to block.
rule_statuses_disabled_count	*integer*	The number of rule statuses set to disabled.

Actions

GET   /service/ **service_id** /version/ **version** /wafs

List all firewall objects for a particular service and version.
Authentication

[API token](#) with at least `Billing` [permissions](#).

Parameters

parameter	type	description
page[size]	*integer*	Limit the number of returned firewalls.
page[number]	*integer*	Request a specific page of firewalls.
include	*string*	Include relationships. Optional, comma separated values. Permitted values: `configuration_set,owasp`.

Request Example

```
GET /service/:service_id/version/:version/wafs HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json
```

```
{
  "data": [
    {
      "id": "WAF_ID",
      "type": "waf",
      "attributes": {
        "prefetch_condition": null,
        "response": "waf",
        "last_push": "2016-09-28 22:52:33 UTC",
        "version": "1",
        "service_id": "SERVICE_ID",
        "disabled": false,
        "rule_statuses_log_count": 235,
        "rule_statuses_block_count": 34,
        "rule_statuses_disabled_count": 2
      },
      "relationships": {
        "configuration_set": {
          "data": {
            "id": "CONFIGURATION_SET_ID",
            "type": "configuration_set"
          }
        }
      }
    }
  ],
  "links": {
    "first": "https://api.fastly.com/service/SERVICE_ID/version/VERSION/wafs?page[number]=1&page[size]=100",
    "last": "https://api.fastly.com/service/SERVICE_ID/version/VERSION/wafs?page[number]=1&page[size]=100"
  }
}
```

GET /service/ **service_id** /version/ **version** /wafs/ **waf_id**

Get a specific firewall object.
Authentication

API token with at least `Billing` permissions.
Parameters

parameter	type	description
service_id	*string*	The ID of the service.
version	*integer*	The number of the version.
waf_id	*string*	The firewall ID.

Request Example

```
GET /service/:service_id/version/:version/wafs/:waf_id HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json
```

```json
{
  "data": {
    "id": "WAF_ID",
    "type": "waf",
    "attributes": {
      "last_push": "2016-08-16 17:05:13 UTC",
      "prefetch_condition": "WAF-Condition",
      "response": "WAF_Error",
      "version": "1",
      "service_id": "SERVICE_ID",
      "disabled": false,
      "rule_statuses_log_count": 235,
      "rule_statuses_block_count": 34,
      "rule_statuses_disabled_count": 2
    },
    "relationships": {
      "configuration_set": {
        "data": {
          "id": "CONFIGURATION_SET_ID",
          "type": "configuration_set"
        }
      }
    }
  }
}
```

POST /service/ **service_id** /version/ **version** /wafs

Create a firewall object for a particular service and version.

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Request Example

```
POST /service/:service_id/version/:version/wafs HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/vnd.api+json
Accept: application/vnd.api+json
```

```json
{
  "data": {
    "type": "waf",
    "attributes": {
      "prefetch_condition": "WAF-Condition",
      "response": "WAF_Error"
    }
  }
}
```

▼ Response Example

```
HTTP/1.1 201 Created
Content-Type: application/vnd.api+json
```

```json
{
  "data": {
    "id": "WAF_ID",
    "type": "waf",
    "attributes": {
      "last_push": null,
      "prefetch_condition": "WAF-Condition",
      "response": "WAF_Error",
      "version": "1",
      "service_id": "SERVICE_ID",
      "disabled": false,
      "rule_statuses_log_count": 235,
      "rule_statuses_block_count": 34,
      "rule_statuses_disabled_count": 2
    },
    "relationships": {
      "configuration_set": {
        "data": {
          "id": "CONFIGURATION_SET_ID",
          "type": "configuration_set"
        }
      }
    }
  }
}
```

PATCH /service/ **service_id** /version/ **version** /wafs/ **waf_id**

Update a firewall object for a particular service and version.
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
PATCH /service/:service_id/version/:version/wafs/:waf_id HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/vnd.api+json
Accept: application/vnd.api+json
```

```
{
  "data": {
    "id": "WAF_ID",
    "type": "waf",
    "attributes": {
      "response": "new response"
    }
  }
}
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json
```

```
{
  "data": {
    "id": "WAF_ID",
    "type": "waf",
    "attributes": {
      "last_push": null,
      "prefetch_condition": "WAF-Condition",
      "response": "new response",
      "version": "1",
      "service_id": "SERVICE_ID",
      "disabled": false,
      "rule_statuses_log_count": 235,
      "rule_statuses_block_count": 34,
      "rule_statuses_disabled_count": 2
    },
    "relationships": {
      "configuration_set": {
        "data": {
          "id": "CONFIGURATION_SET_ID",
          "type": "configuration_set"
        }
      }
    }
  }
}
```

PATCH /wafs/ **id** /disable

Disable a firewall for a particular service and version. This endpoint is intended to be used in an emergency. Disabling a firewall object for a s
replaces your existing WAF ruleset with an empty ruleset. While disabled, your WAF ruleset will not be applied to your origin traffic. This end
users assigned the role of superuser or above. This is an asynchronous action. To check on the completion of this action, use the related lin
check on the Update Status of the action.
Authentication

API token with at least `Superuser` permissions.
Request Example

```
PATCH /wafs/:id/disable HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/vnd.api+json
Accept: application/vnd.api+json
```

```
{
  "data": {
    "id": "WAF_ID",
    "type": "waf"
  }
}
```

▼ Response Example

```
HTTP/1.1 202 Accepted
Content-Type: application/vnd.api+json


{
  "data": {
    "id": "WAF_ID",
    "type": "waf",
    "attributes": {
      "last_push": null,
      "prefetch_condition": null,
      "response": null,
      "version": null,
      "service_id": "SERVICE_ID",
      "disabled": false,
      "rule_statuses_log_count": 235,
      "rule_statuses_block_count": 34,
      "rule_statuses_disabled_count": 2
    },
    "relationships": {
      "configuration_set": {
        "data": {
          "id": "CONFIGURATION_SET_ID",
          "type": "configuration_set"
        }
      }
    },
    "links": {
      "related": {
        "href": "https://api.fastly.com/service/SERVICE_ID/wafs/WAF_ID/update_statuses/UPDATE_STATUS_ID"
      }
    }
  }
}
```

PATCH /wafs/ **id** /enable

Re-enable a firewall object for a particular service and version after it has been disabled. This endpoint is intended to be used in an emergen re-enabled, a newly generated WAF ruleset VCL based on the current WAF configuration is used to replace the empty ruleset. This endpoint assigned the role of superuser or above. This is an asynchronous action. To check on the completion of this action, use the related link retur check on the Update Status of the action.

Authentication

API token with at least `Superuser` permissions.

Request Example

```
PATCH /wafs/:id/enable HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/vnd.api+json
Accept: application/vnd.api+json


{
  "data": {
    "id": "WAF_ID",
    "type": "waf"
  }
}
```

▼ Response Example

```
HTTP/1.1 202 Accepted
Content-Type: application/vnd.api+json
```

```json
{
  "data": {
    "id": "WAF_ID",
    "type": "waf",
    "attributes": {
      "last_push": null,
      "prefetch_condition": null,
      "response": null,
      "version": "1",
      "service_id": "SERVICE_ID",
      "disabled": false,
      "rule_statuses_log_count": 235,
      "rule_statuses_block_count": 34,
      "rule_statuses_disabled_count": 2
    },
    "relationships": {
      "configuration_set": {
        "data": {
          "id": "CONFIGURATION_SET_ID",
          "type": "configuration_set"
        }
      }
    },
    "links": {
      "related": {
        "href": "https://api.fastly.com/service/SERVICE_ID/wafs/WAF_ID/update_statuses/UPDATE_STATUS_ID"
      }
    }
  }
}
```

GET /wafs

List all active firewall objects.

Authentication

[API token](#) with at least `Billing` [permissions](#).

Parameters

parameter	type	description
filter[rules][rule_id]	*integer*	Limit the returned firewalls to a specific rule ID.
page[size]	*integer*	Limit the number of returned firewalls.
page[number]	*integer*	Request a specific page of firewalls.
include	*string*	Include relationships. Optional, comma separated values. Permitted values: `configuration_set,owasp`

Request Example

```
GET /wafs HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json
```

```json
{
  "data": [
    {
      "id": "WAF_ID",
      "type": "waf",
      "attributes": {
        "prefetch_condition": null,
        "response": "waf",
        "last_push": "2016-09-28 22:52:33 UTC",
        "disabled": false,
        "version": "2",
        "service_id": "SERVICE_ID",
        "rule_statuses_log_count": 235,
        "rule_statuses_block_count": 34,
        "rule_statuses_disabled_count": 2
      },
      "relationships": {
        "configuration_set": {
          "data": {
            "id": "CONFIGURATION_SET_ID",
            "type": "configuration_set"
          }
        }
      }
    }
  ],
  "links": {
    "first": "https://api.fastly.com/wafs?page[number]=1&page[size]=100",
    "last": "https://api.fastly.com/wafs?page[number]=1&page[size]=100"
  }
}
```

GET /wafs/ **id**

Get a specific firewall object.

Authentication

[API token](#) with at least `Billing` [permissions](#).

Parameters

parameter	type	description
include	*string*	Include relationships. Optional, comma separated values. Permitted values: `configuration_set,owasp,rules,`

Request Example

```
GET /wafs/:id HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json
```

```json
{
  "data": {
    "id": "WAF_ID",
    "type": "waf",
    "attributes": {
      "last_push": "2016-08-16 17:05:13 UTC",
      "prefetch_condition": "WAF-Condition",
      "response": "WAF_Error",
      "version": "1",
      "service_id": "SERVICE_ID",
      "disabled": false,
      "rule_statuses_log_count": 235,
      "rule_statuses_block_count": 34,
      "rule_statuses_disabled_count": 2
    },
    "relationships": {
      "configuration_set": {
        "data": {
          "id": "CONFIGURATION_SET_ID",
          "type": "configuration_set"
        }
      }
    }
  }
}
```

OWASP

OWASP settings object used when configuring WAF.

Fields

field	type	description
allowed_http_versions	string	Allowed HTTP versions (default `HTTP/1.0 HTTP/1.1 HTTP/2`).
allowed_methods	string	A space-separated list of HTTP method names (default `GET HEAD POST OPTIONS `
allowed_request_content_type	string	Allowed request content types (default `application/x-www-form-urlencoded|mul` `data|text/xml|application/xml|application/x-amf|application/json|text/`
arg_length	integer	The maximum number of arguments allowed (default `400`).
arg_name_length	integer	The maximum allowed argument name length (default `100`).
combined_file_sizes	integer	The maximum allowed size of all files (in bytes, default `10000000`).
created_at	string	Date and time that the settings object was created.
critical_anomaly_score	integer	Score value to add for critical anomalies (default `6`).
crs_validate_utf8_encoding	boolean	CRS validate UTF8 encoding.
error_anomaly_score	integer	Score value to add for error anomalies (default `5`).
high_risk_country_codes	string	A space-separated list of country codes in ISO 3166-1 (two-letter) format.
http_violation_score_threshold	integer	HTTP violation threshold.
inbound_anomaly_score_threshold	integer	Inbound anomaly threshold.
lfi_score_threshold	integer	Local file inclusion attack threshold.
max_file_size	integer	The maximum allowed file size (in bytes, default `10000000`).
max_num_args	integer	The maximum number of arguments allowed (default `255`).
notice_anomaly_score	integer	Score value to add for notice anomalies (default `4`).
paranoia_level	integer	The configured paranoia level (default `1`).
php_injection_score_threshold	integer	PHP injection threshold.
rce_score_threshold	integer	Remote code execution threshold.
restricted_extensions	string	A space-separated list of allowed file extensions (default `.asa/ .asax/ .ascx/ .a` `.bat/ .cdx/ .cer/ .cfg/ .cmd/ .com/ .config/ .conf/ .cs/ .csproj/ .csr` `.dll/ .dos/ .htr/ .htw/ .ida/ .idc/ .idq/ .inc/ .ini/ .key/ .licx/ .lnl` `.pass/ .pdb/ .pol/ .printer/ .pwd/ .resources/ .resx/ .sql/ .sys/ .vb/` `.vsdisco/ .webinfo/ .xsd/ .xsx`).
restricted_headers	string	A space-separated list of allowed header names (default `/proxy/ /lock-token/ /` `/translate/ /if/`).
rfi_score_threshold	integer	Remote file inclusion attack threshold.

field	type	description
session_fixation_score_threshold	*integer*	Session fixation attack threshold.
sql_injection_score_threshold	*integer*	SQL injection attack threshold.
total_arg_length	*integer*	The maximum size of argument names and values (default `6400`).
updated_at	*string*	Date and time that the settings object was last updated.
warning_anomaly_score	*integer*	Score value to add for warning anomalies.
xss_score_threshold	*integer*	XSS attack threshold.

Actions

GET /service/ **service_id** /wafs/ **waf_id** /owasp

Get the OWASP settings object for a particular service and firewall.

Authentication

[API token](#) with at least `Billing` [permissions](#).

Request Example

```
GET /service/:service_id/wafs/:waf_id/owasp HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json
```

```json
{
  "data": {
    "id": "OWASP_ID",
    "type": "owasp",
    "attributes": {
      "allowed_http_versions": "HTTP/1.0 HTTP/1.1 HTTP/2",
      "allowed_methods": "GET HEAD POST OPTIONS PUT PATCH DELETE",
      "allowed_request_content_type": "application/x-www-form-urlencoded|multipart/form-data|text/xml|application/xml|applicat
amf|application/json|text/plain",
      "arg_length": 400,
      "arg_name_length": 100,
      "combined_file_sizes": 10000000,
      "created_at": "2016-09-09 16:00:17 UTC",
      "critical_anomaly_score": 6,
      "crs_validate_utf8_encoding": false,
      "error_anomaly_score": 5,
      "high_risk_country_codes": null,
      "http_violation_score_threshold": 999,
      "inbound_anomaly_score_threshold": 999,
      "lfi_score_threshold": 999,
      "max_file_size": 10000000,
      "max_num_args": null,
      "notice_anomaly_score": 4,
      "paranoia_level": 1,
      "php_injection_score_threshold": 999,
      "rce_score_threshold": 999,
      "restricted_extensions": ".asa/ .asax/ .ascx/ .axd/ .backup/ .bak/ .bat/ .cdx/ .cer/ .cfg/ .cmd/ .com/ .config/ .conf/ .
.dat/ .db/ .dbf/ .dll/ .dos/ .htr/ .htw/ .ida/ .idc/ .idq/ .inc/ .ini/ .key/ .licx/ .lnk/ .log/ .mdb/ .old/ .pass/ .pdb/ .pol/
.resources/ .resx/ .sql/ .sys/ .vb/ .vbs/ .vbproj/ .vsdisco/ .webinfo/ .xsd/ .xsx",
      "restricted_headers": "/proxy/ /lock-token/ /content-range/ /translate/ /if/",
      "rfi_score_threshold": 999,
      "session_fixation_score_threshold": 999,
      "sql_injection_score_threshold": 999,
      "total_arg_length": 6400,
      "updated_at": "2016-09-09 16:00:17 UTC",
      "warning_anomaly_score": 3,
      "xss_score_threshold": 999
    },
    "relationships": {
      "waf": {
        "data": {
          "type": "waf",
          "id": "WAF_ID"
        }
      }
    }
  }
}
```

POST /service/ **service_id** /wafs/ **waf_id** /owasp

Create an OWASP settings object for a particular service and firewall.

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Request Example

```
POST /service/:service_id/wafs/:waf_id/owasp HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/vnd.api+json
Accept: application/vnd.api+json
```

```json
{
  "data": {
    "type": "owasp"
  }
}
```

▼ Response Example

```
HTTP/1.1 201 Created
Content-Type: application/vnd.api+json
```

```json
{
  "data": {
    "id": "OWASP_ID",
    "type": "owasp",
    "attributes": {
      "allowed_http_versions": "HTTP/1.0 HTTP/1.1 HTTP/2",
      "allowed_methods": "GET HEAD POST OPTIONS PUT PATCH DELETE",
      "allowed_request_content_type": "application/x-www-form-urlencoded|multipart/form-data|text/xml|application/xml|applicat
amf|application/json|text/plain",
      "arg_length": 400,
      "arg_name_length": 100,
      "combined_file_sizes": 10000000,
      "created_at": "2016-09-09 16:00:17 UTC",
      "critical_anomaly_score": 6,
      "crs_validate_utf8_encoding": false,
      "error_anomaly_score": 5,
      "high_risk_country_codes": null,
      "http_violation_score_threshold": 999,
      "inbound_anomaly_score_threshold": 999,
      "lfi_score_threshold": 999,
      "max_file_size": 10000000,
      "max_num_args": null,
      "notice_anomaly_score": 4,
      "paranoia_level": 1,
      "php_injection_score_threshold": 999,
      "rce_score_threshold": 999,
      "restricted_extensions": ".asa/ .asax/ .ascx/ .axd/ .backup/ .bak/ .bat/ .cdx/ .cer/ .cfg/ .cmd/ .com/ .config/ .conf/ .
.dat/ .db/ .dbf/ .dll/ .dos/ .htr/ .htw/ .ida/ .idc/ .idq/ .inc/ .ini/ .key/ .licx/ .lnk/ .log/ .mdb/ .old/ .pass/ .pdb/ .pol/
.resources/ .resx/ .sql/ .sys/ .vb/ .vbs/ .vbproj/ .vsdisco/ .webinfo/ .xsd/ .xsx",
      "restricted_headers": "/proxy/ /lock-token/ /content-range/ /translate/ /if/",
      "rfi_score_threshold": 999,
      "session_fixation_score_threshold": 999,
      "sql_injection_score_threshold": 999,
      "total_arg_length": 6400,
      "updated_at": "2016-09-09 16:00:17 UTC",
      "warning_anomaly_score": 3,
      "xss_score_threshold": 999
    },
    "relationships": {
      "waf": {
        "data": {
          "type": "waf",
          "id": "WAF_ID"
        }
      }
    }
  }
}
```

PATCH /service/ **service_id** /wafs/ **waf_id** /owasp

Update the OWASP settings object for a particular service and firewall.
Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).
Request Example

```
PATCH /service/:service_id/wafs/:waf_id/owasp HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/vnd.api+json
Accept: application/vnd.api+json
```

```json
{
  "data": {
    "id": "OWASP_ID",
    "type": "owasp",
    "attributes": {
      "inbound_anomaly_score_threshold": 42
    }
  }
}
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json
```

```
{
  "data": {
    "id": "OWASP_ID",
    "type": "owasp",
    "attributes": {
      "allowed_http_versions": "HTTP/1.0 HTTP/1.1 HTTP/2",
      "allowed_methods": "GET HEAD POST OPTIONS PUT PATCH DELETE",
      "allowed_request_content_type": "application/x-www-form-urlencoded|multipart/form-data|text/xml|application/xml|applicat
amf|application/json|text/plain",
      "arg_length": 400,
      "arg_name_length": 100,
      "combined_file_sizes": 10000000,
      "created_at": "2016-09-09 16:00:17 UTC",
      "critical_anomaly_score": 6,
      "crs_validate_utf8_encoding": false,
      "error_anomaly_score": 5,
      "high_risk_country_codes": null,
      "http_violation_score_threshold": 999,
      "inbound_anomaly_score_threshold": 999,
      "lfi_score_threshold": 999,
      "max_file_size": 10000000,
      "max_num_args": null,
      "notice_anomaly_score": 4,
      "paranoia_level": 1,
      "php_injection_score_threshold": 999,
      "rce_score_threshold": 999,
      "restricted_extensions": ".asa/ .asax/ .ascx/ .axd/ .backup/ .bak/ .bat/ .cdx/ .cer/ .cfg/ .cmd/ .com/ .config/ .conf/ .
.dat/ .db/ .dbf/ .dll/ .dos/ .htr/ .htw/ .ida/ .idc/ .idq/ .inc/ .ini/ .key/ .licx/ .lnk/ .log/ .mdb/ .old/ .pass/ .pdb/ .pol/
.resources/ .resx/ .sql/ .sys/ .vb/ .vbs/ .vbproj/ .vsdisco/ .webinfo/ .xsd/ .xsx",
      "restricted_headers": "/proxy/ /lock-token/ /content-range/ /translate/ /if/",
      "rfi_score_threshold": 999,
      "session_fixation_score_threshold": 999,
      "sql_injection_score_threshold": 999,
      "total_arg_length": 6400,
      "updated_at": "2016-09-09 16:00:17 UTC",
      "warning_anomaly_score": 3,
      "xss_score_threshold": 999
    },
    "relationships": {
      "waf": {
        "data": {
          "type": "waf",
          "id": "WAF_ID"
        }
      }
    }
  }
}
```

Rules

Rules used when configuring WAF.

Fields

field	type	description
message	*string*	Message metadata for the rule.
rule_id	*string*	Corresponding ModSecurity rule ID.
severity	*integer*	Severity metadata for the rule.
source	*string*	The ModSecurity rule logic.
vcl	*string*	The VCL representation of the rule logic.

Actions

GET   /wafs/rules

List all rules in the latest configuration set.

Authentication

[API token](#) with at least `Billing` [permissions](#).

Parameters

parameter	type	description
filter[rule_id]	*string*	Limit the returned rules to a specific rule ID.
filter[severity]	*string*	Limit the returned rules to a specific severity.
filter[tags][name]	*string*	Limit the returned rules to a set linked to a tag by name.
filter[configuration_set_id]	*string*	Optional. Limit rules to specific configuration set or pass "all" to search all configuration sets, in
page[size]	*integer*	Limit the number of returned tags.
page[number]	*integer*	Request a specific page of tags.
include	*array*	Include relationships. Optional. Comma separated values. Permitted values: `tags`, `rule_statu`

Request Example

```
GET /wafs/rules HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
    "data": [
        {
            "type": "rule",
            "id": "RULE_ID",
            "attributes": {
                "rule_id": "MODSEC_RULE_ID",
                "severity": 2,
                "message": "Cross-site Scripting (XSS) Anomaly Threshold Exceeded (XSS Score: %{TX.XSS_SCORE})"
                "source": null,
                "vcl": null,
            }
        }
    ],
    "links": {
        "last": "https://api.fastly.com/wafs/rules?page[number]=204&page[size]=1",
        "first": "https://api.fastly.com/wafs/rules?page[number]=1&page[size]=1",
        "next": "https://api.fastly.com/wafs/rules?page[number]=2&page[size]=1"
    }
}
```

GET /wafs/rules/ **id**

Get a specific rule.
Authentication

[API token](#) with at least `Billing` [permissions](#).
Parameters

parameter	type	description
filter[configuration_set_id]	*string*	Optional. Limit rule to a specific configuration set or pass "all" to search all configuration sets, inc
include	*array*	Include relationships. Optional. Comma separated values. Permitted values: `tags`, `rule_status`

Request Example

```
GET /wafs/rules/:id?include=tags HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json
```

```
{
  "data": {
    "id": "RULE_ID",
    "type": "rule",
    "attributes": {
      "message": "SLR: Xpoze account/user/mail.html reed Parameter SQL Injection",
      "rule_id": "MODSEC_RULE_ID",
      "severity": 2,
    },
    "relationships": {
      "tags": {
        "data": [
          {
            "id": "TAG_ID",
            "type": "tag"
          }
        ]
      }
    }
  }
}
```

GET /wafs/rules/ **id** /vcl

Get associated VCL for a specific rule.

Authentication

[API token](#) with at least `Billing` [permissions](#).

Request Example

```
GET /wafs/rules/:id/vcl HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json
```

```
{
  "data": {
    "id": "RULE_ID-vcl",
    "type": "rule_vcl",
    "attributes": {
      "vcl": "sub waf_ruleset {\n  declare local var.postbody STRING;\n  set var.postbody = req.postbody;\n\n  workspace.snaps
waf.rule_id = 943011;\n\n  call waf_debug_log;\n  workspace.restore;\n  goto WAF_MARKER_0;\n\n  workspace.restore;\n\n  if (wa
waf.logged) {\n    return;\n  }\n}"
    },
    "relationships": {
      "rule": {
        "data": {
          "id": "RULE_ID",
          "type": "rule"
        }
      }
    }
  }
}
```

GET /wafs/ **waf_id** /rules/ **rule_id** /vcl

Get associated VCL for a specific rule associated with a specific firewall.

Authentication

[API token](#) with at least `Billing` [permissions](#).

Request Example

```
GET /wafs/:waf_id/rules/:rule_id/vcl HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json
```

```
{
  "data": {
    "id": "RULE_ID-WAF_ID-vcl",
    "type": "rule_vcl",
    "attributes": {
       "vcl": "/*\nThis is a report of changes to the rules you have configured when generating\nVCL.  Rules may be edited or r
configuration of your\nWAF.\n\nParanoiaFilter:\n\n    943011: removed due to being above paranoia level 1\n*/\n\nsub waf_rules
var.postbody STRING;\n  set var.postbody = req.postbody;\n\n  if (waf.blocked || waf.logged) {\n    return;\n  }\n}"
    },
    "relationships": {
      "rule": {
        "data": {
          "id": "RULE_ID",
          "type": "rule"
        }
      }
    }
  }
}
```

Rule statuses

A Rule status represents the status of a particular rule for a given firewall. For a rule to be attached to a particular firewall and performing any
exist.

Fields

field	type	description
status	*string*	Describes the behavior for the particular rule within this firewall. Permitted values: `log`, `block`, and `disa`
modsec_rule_id	*string*	The ModSecurity rule ID.
unique_rule_id	*string*	The Rule ID.

Actions

GET /service/ **service_id** /wafs/ **waf_id** /rule_statuses

List all rule statuses for a particular service and firewall.
Authentication

API token with at least `Billing` permissions.
Parameters

parameter	type	description
filter[status]	*string*	Limit results to rule statuses with the specified status.
filter[rule][message]	*string*	Limit results to rule statuses whose rules have the specified message.
filter[rule][rule_id]	*string*	Limit results to rule statuses whose rules represent the specified ModSecurity `rule_id`
filter[rule][tags]	*integer*	Limit results to rule statuses whose rules relate to the specified tag IDs.
filter[rule][tags][name]	*string*	Limit results to rule statuses whose rules related to the named tags.
include	*array*	Include relationships. Optional, comma separated values. Permitted values: `tags`.
page[size]	*integer*	Limit the number of returned tags.
page[number]	*integer*	Request a specific page of tags.

Request Example

```
GET /service/:service_id/wafs/:waf_id/rule_statuses?filter[tags][name]=application-FBC%20Market HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json
```

```
{
  "links": {
    "last": "https://api.fastly.com/service/SERVICE_ID/wafs/WAF_ID/rule_statuses?page[number]=1&page[size]=100",
    "first": "https://api.fastly.com/service/SERVICE_ID/wafs/WAF_ID/rule_statuses?page[number]=1&page[size]=100"
  },
  "data": [
    {
      "id": "RULE_STATUS_ID",
      "type": "rule_status",
      "attributes": {
        "status": "log",
        "unique_rule_id": "RULE_ID",
        "modsec_rule_id": "MODSEC_RULE_ID"
      },
      "relationships": {
        "waf": {
          "data": {
            "id": "WAF_ID",
            "type": "waf"
          }
        },
        "rule": {
          "data": {
            "id": "RULE_ID",
            "type": "rule"
          }
        }
      }
    },
    {
      "id": "RULE_STATUS_ID",
      "type": "rule_status",
      "attributes": {
        "status": "disabled",
        "unique_rule_id": "RULE_ID",
        "modsec_rule_id": "MODSEC_RULE_ID"
      },
      "relationships": {
        "waf": {
          "data": {
            "id": "WAF_ID",
            "type": "waf"
          }
        },
        "rule": {
          "data": {
            "id": "RULE_ID",
            "type": "rule"
          }
        }
      }
    },
    {
      "id": "RULE_STATUS_ID",
      "type": "rule_status",
      "attributes": {
        "status": "log",
        "unique_rule_id": "RULE_ID",
        "modsec_rule_id": "MODSEC_RULE_ID"
      },
      "relationships": {
        "waf": {
          "data": {
            "id": "WAF_ID",
            "type": "waf"
          }
        },
        "rule": {
          "data": {
            "id": "RULE_ID",
            "type": "rule"
          }
        }
      }
    }
  ]
}
```

GET /service/ **service_id** /wafs/ **waf_id** /rules/ **rule_id** /rule_status

Get a specific rule status object for a particular service, firewall, and rule.
Authentication

API token with at least `Billing` permissions.
Request Example

```
GET /service/:service_id/wafs/:waf_id/rules/:rule_id/rule_status HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
  "data": {
    "id": "RULE_STATUS_ID",
    "type": "rule_status",
    "attributes": {
      "status": "log",
      "unique_rule_id": "RULE_ID",
      "modsec_rule_id": "MODSEC_RULE_ID"
    },
    "relationships": {
      "rule": {
        "data": [
          {
            "id": "RULE_ID",
            "type": "rule"
          }
        ]
      },
      "waf": {
        "data": [
          {
            "id": "WAF_ID",
            "type": "waf"
          }
        ]
      }
    }
  }
}
```

PATCH /service/ **service_id** /wafs/ **waf_id** /rules/ **rule_id** /rule_status

Update a rule status for a particular service, firewall, and rule.
Authentication

API token of a user with at least `Engineer` permissions.
Request Example

```
PATCH /service/:service_id/wafs/:waf_id/rules/:rule_id/rule_status HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/vnd.api+json
Accept: application/vnd.api+json

{
  "data": {
    "id": "RULE_STATUS_ID",
    "type": "rule_status",
    "attributes": {
      "status": "block"
    }
  }
}
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json
```

```
{
  "data": {
    "id": "RULE_STATUS_ID",
    "type": "rule_status",
    "attributes": {
      "status": "block",
      "unique_rule_id": "RULE_ID",
      "modsec_rule_id": "MODSEC_RULE_ID"
    }
  }
}
```

POST /service/ **service_id** /wafs/ **waf_id** /rule_statuses

Create or update all rule statuses for a particular service and firewall, based on tag name. By default, only rule status for enabled rules (with be updated. To update rule statuses for disabled rules under the specified tag, use the `force` attribute.

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Parameters

parameter	type	description
name	*string*	The tag name to use to determine the set of rules to update. For example, `OWASP` or `language-php`.
force	*boolean*	Whether or not to update rule statuses for disabled rules. Optional.

Request Example

```
POST /service/:service_id/wafs/:waf_id/rule_statuses HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/vnd.api+json
Accept: application/vnd.api+json
```

```
{
  "data": {
    "type": "rule_status",
    "attributes": {
      "status": "block",
      "name": "application-FBC Market",
      "force": true
    }
  }
}
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json
```

```
{
  "data": [
    {
      "id": "RULE_STATUS_ID",
      "type": "rule_status",
      "attributes": {
        "status": "block",
        "unique_rule_id": "RULE_ID",
        "modsec_rule_id": "MODSEC_RULE_ID"
      },
      "relationships": {
        "waf": {
          "data": {
            "id": "WAF_ID",
            "type": "waf"
          }
        },
        "rule": {
          "data": {
            "id": "RULE_ID",
            "type": "rule"
          }
        }
      }
    }
  ]
}
```

Rule sets

Retrieve the currently deployed WAF ruleset VCL and the date it was deployed.

Fields

field	type	description
last_push	*string*	Date and time WAF ruleset VCL was last deployed.
vcl	*string*	The WAF ruleset VCL currently deployed.

Actions

GET /service/ **service_id** /wafs/ **waf_id** /ruleset

Get a WAF ruleset for a particular service and firewall object.

Authentication

[API token](#) with at least `Billing` [permissions](#).

Parameters

parameter	type	description
service_id	*string*	The ID of the service.
waf_id	*string*	The firewall ID.

Request Example

```
GET /service/:service_id/wafs/:waf_id/ruleset HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
  "data": {
    "id": "RULESET_ID",
    "type": "ruleset",
    "attributes": {
      "last_push": "2016-08-16 17:05:13 UTC",
      "vcl": "sub waf_ruleset {\n\n}"
    }
  }
}
```

GET /service/ **service_id** /wafs/ **waf_id** /ruleset/preview

Get a preview of the WAF ruleset VCL for a particular service and firewall object based on changes to WAF configuration before deploying th
include a link to status of the background VCL generation job. Once the background job is completed, the preview WAF ruleset VCL can be
response.

Authentication

[API token](#) with at least `Billing` [permissions](#).

Parameters

parameter	type	description
service_id	*string*	The ID of the service.
waf_id	*string*	The firewall ID.

Request Example

```
GET /service/:service_id/wafs/:waf_id/ruleset/preview HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
```

▼ Response Example

```
HTTP/1.1 202 Accepted
Content-Type: application/vnd.api+json
```

```json
{
  "data": {
    "id": "RULESET_ID",
    "type": "ruleset",
    "attributes": {},
    "links": {
      "related": {
        "href": "https://api.fastly.com/service/SERVICE_ID/wafs/WAF_ID/update_statuses/UPDATE_STATUS_ID"
      }
    },
    "meta": {
      "warnings": {
        "title": "Generating preview ruleset VCL for WAF_ID",
        "detail": "Please check the data field for generated preview VCL once the background job completes."
      }
    }
  }
}
```

PATCH /service/ **service_id** /wafs/ **waf_id** /ruleset

Update the WAF ruleset for a particular service and firewall object. Use the URL in the response to view the WAF ruleset deploy status.

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Request Example

```
PATCH /service/:service_id/wafs/:waf_id/ruleset HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/vnd.api+json
Accept: application/vnd.api+json
```

```json
{
  "data": {
    "id": "RULESET_ID",
    "type": "ruleset"
  }
}
```

▼ Response Example

```
HTTP/1.1 202 Accepted
Content-Type: application/vnd.api+json
```

```json
{
  "data": {
    "id": "RULESET_ID",
    "type": "ruleset",
    "attributes": {
      "last_push": "2016-08-20 23:05:13 UTC",
      "vcl": "sub waf_ruleset {\n\n}"
    }
  },
  "links": {
    "related": {
      "href": "https://api.fastly.com/service/SERVICE_ID/wafs/WAF_ID/update_statuses/UPDATE_STATUS_ID"
    }
  }
}
```

Tags

Tags for categorizing WAF rules. Tags can be filtered by name.

Fields

field	type	description
name	*string*	Name of the tag.

Actions

GET /wafs/tags

List all tags.
Authentication

[API token](#) with at least `Billing` [permissions](#).

Parameters

parameter	type	description
filter[name]	*string*	Limit the returned tags to a specific name.
page[size]	*integer*	Limit the number of returned tags.
page[number]	*integer*	Request a specific page of tags.
include	*array*	Include relationships. Optional, comma separated values. Permitted values: `rules`.

Request Example

```
GET /wafs/tags?filter[name]=application-FBC%20Market&include=rules HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json
```

```json
{
  "links": {
    "next": "https://api.fastly.com/wafs/tags?page[number]=2&page[size]=100",
    "last": "https://api.fastly.com/wafs/tags?page[number]=201&page[size]=100",
    "first": "https://api.fastly.com/wafs/tags?page[number]=1&page[size]=100"
  },
  "data": [
    {
      "id": "TAG_ID",
      "type": "tag",
      "attributes": {
        "name": "OWASP"
      },
      "relationships": {
        "rules": {
          "data": [
            {
              "id": "RULE_ID",
              "type": "rule"
            },
            {
              "id": "RULE_ID",
              "type": "rule"
            },
            {
              "id": "RULE_ID",
              "type": "rule"
            },
            {
              "id": "RULE_ID",
              "type": "rule"
            }
          ]
        }
      }
    },
    {
      "id": "TAG_ID",
      "type": "tag",
      "attributes": {
        "name": "WASCTC/WASC-37"
      },
      "relationships": {
        "rules": {
          "data": [
            {
              "id": "RULE_ID",
              "type": "rule"
            },
            {
              "id": "RULE_ID",
              "type": "rule"
            },
            {
              "id": "RULE_ID",
              "type": "rule"
            },
            {
              "id": "RULE_ID",
              "type": "rule"
            }
          ]
        }
      }
    }
  ]
}
```

Configuration sets

Configuration sets are used to view and select the available versions of the Fastly WAF rules.

Fields

field	type	description

field	type	description
active	*boolean*	The active configuration set is the default configuration set when creating a new WAF. When Fastly adds configura… versions become the default (active).
name	*string*	The name of the configuration set.

Actions

GET /wafs/configuration_sets

List all Configuration sets.
Authentication

[API token](#) with at least `Billing` [permissions](#).
Request Example

```
GET /wafs/configuration_sets HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json
```

```json
{
  "data": [{
    "id": "CONFIGURATION_SET_ID",
    "type": "configuration_set",
    "attributes": {
      "active": true,
      "name": "v2 2017-04-17T21:04:00+00:00"
    }
  },
  {
    "id": "CONFIGURATION_SET_ID",
    "type": "configuration_set",
    "attributes": {
      "active": false,
      "name": "v1 2017-02-17T21:04:00+00:00"
    }
  }],
  "links": {
    "last": "http://api.fastly.com/wafs/configuration_sets?page[number]=1&page[size]=100",
    "first": "http://api.fastly.com/wafs/configuration_sets?page[number]=1&page[size]=100"
  }
}
```

GET /wafs/configuration_sets/ **id** /relationships/wafs

List the WAF objects currently using the specified configuration set.
Authentication

[API token](#) with at least `Billing` [permissions](#).
Request Example

```
GET /wafs/configuration_sets/:id/relationships/wafs HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json
```

```json
{
  "data": [{
    "id": "WAF_ID",
    "type": "waf"
  }],
  "links": {
    "first": "http://api.fastly.com/wafs/configuration_sets/CONFIGURATION_SET_ID/relationships/wafs?page[number]=1&page[size]=…",
    "last": "http://api.fastly.com/wafs/configuration_sets/CONFIGURATION_SET_ID/relationships/wafs?page[number]=1&page[size]=…"
  }
}
```

PATCH   /wafs/configuration_sets/ **id** /relationships/wafs

Update one or more WAF objects to use the specified configuration set.

Authentication

[API token](#) of a user with at least `Engineer` [permissions](#).

Request Example

```
PATCH /wafs/configuration_sets/:id/relationships/wafs HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/vnd.api+json
Accept: application/vnd.api+json

  {
    "data": [
      {
        "id": "WAF_ID",
        "type": "waf"
      },
      {
        "id": "WAF_ID",
        "type": "waf"
      }
    ]
  }
```

▼ **Response Example**

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
  "data": [
    {
      "id": "WAF_ID",
      "type": "waf"
    },
    {
      "id": "WAF_ID",
      "type": "waf"
    }
  ],
  "links": {
    "first": "http://api.fastly.com/wafs/configuration_sets/CONFIGURATION_SET_ID/relationships/wafs?page[number]=1&page[size]=
    "last": "http://api.fastly.com/wafs/configuration_sets/CONFIGURATION_SET_ID/relationships/wafs?page[number]=1&page[size]=1
  }
}
```

Update statuses

Update status indicates the status of an asynchronous process for updating a firewall object.

Fields

field	type	description
completed_at	*string*	Date and time that job was completed.
created_at	*string*	Date and time that job was created.
data	*string*	This field can contain data passed to the background worker as well as output from the background job.
message	*string*	Message with information about the status of the update.
status	*string*	Current status of the update.
updated_at	*string*	Date and time that job was last updated.

Actions

GET   /service/ **service_id** /wafs/ **waf_id** /update_statuses

List all update statuses for a particular service and firewall object.

Authentication

[API token](#) with at least `Billing` [permissions](#).
Parameters

parameter	type	description
page[size]	*integer*	Limit the number of returned tags.
page[number]	*integer*	Request a specific page of tags.
include	*string*	Include relationships. Optional, comma separated values. Permitted values: `waf`.

Request Example

```
GET /service/:service_id/wafs/:waf_id/update_statuses HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
```

▼ **Response Example**

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
  "links": {
    "last": "https://api.fastly.com/service/SERVICE_ID/wafs/WAF_ID/update_statuses",
    "next": "https://api.fastly.com/service/SERVICE_ID/wafs/WAF_ID/update_statuses",
    "first": "https://api.fastly.com/service/SERVICE_ID/wafs/WAF_ID/update_statuses"
  },
  "data": [
    {
      "id": "UPDATE_STATUS_ID",
      "type": "waf_update_status",
      "attributes": {
        "created_at": "2016-09-28 21:01:29 UTC",
        "status": "complete",
        "data": null,
        "message": null,
        "completed_at": "2016-09-28 21:01:30 UTC",
        "updated_at": "2016-09-28 21:01:30 UTC"
      },
      "relationships": {
        "waf": {
          "data": {
            "id": "WAF_ID",
            "type": "waf"
          }
        }
      }
    },
    {
      "id": "UPDATE_STATUS_ID",
      "type": "waf_update_status",
      "attributes": {
        "status": "complete",
        "created_at": "2016-09-27 23:09:50 UTC",
        "completed_at": "2016-09-27 23:09:50 UTC",
        "message": null,
        "data": null,
        "updated_at": "2016-09-27 23:09:50 UTC"
      },
      "relationships": {
        "waf": {
          "data": {
            "id": "WAF_ID",
            "type": "waf"
          }
        }
      }
    }
  ]
}
```

GET /service/ **service_id** /wafs/ **waf_id** /update_statuses/ **update_status_id**

Get a specific update status object for a particular service and firewall object.
Authentication

[API token](#) with at least `Billing` [permissions](#).
Request Example

```
GET /service/:service_id/wafs/:waf_id/update_statuses/:update_status_id HTTP/1.1
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
```

▼ Response Example

```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json
```

```json
{
  "data": {
    "id": "UPDATE_STATUS_ID",
    "type": "waf_update_status",
    "attributes": {
      "completed_at": "2016-09-09 16:10:49 UTC",
      "created_at": "2016-09-09 16:10:49 UTC",
      "data": null,
      "message": null,
      "status": "complete",
      "updated_at": "2016-09-09 16:10:49 UTC"
    },
    "relationships": {
      "waf": {
        "data": {
          "id": "WAF_ID",
          "type": "waf"
        }
      }
    }
  }
}
```

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