

API (/api/)

Authentication (/api/auth)

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 service. You can restrict the access of tokens to a single service, and you can limit the capabilities of tokens using a scope other than the default `global` scope. For example the `purge_select` scope will limit a token to only be able to purge by URL and surrogate keys. Because users can create multiple API tokens, you can rotate tokens without taking services offline, and you can revoke individual tokens without having to update other API integrations.

❗ IMPORTANT: This feature is part of a limited availability release. For more information, see our [product and feature lifecycle \(/guides/fastly-product-lifecycle/#limited-availability\)](/guides/fastly-product-lifecycle/#limited-availability) descriptions.

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 and delete any of the API tokens associated with the organization's Fastly account. See [Using API tokens \(/guides/account-management-and-security/using-api-tokens\)](/guides/account-management-and-security/using-api-tokens) for more information.

Two-factor authentication

API tokens support two-factor authentication (</guides/account-management-and-security/enabling-and-disabling-two-factor-authentication>). Send the generated one-time password via the Fastly-OTP header when creating a token, as shown below.

```
POST https://api.fastly.com/tokens
Fastly-OTP: 123456
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 check if the user's role (</guides/user-access-and-control/user-roles-and-how-to-change-them>) is 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 access.

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 (/api/purge#purge_bee5ed1a0cfd541e8b9f970a44718546)`.
- **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, separate the names with a 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 limit a token's access to one or more services. Do this by specifying an array in the POST `/tokens` action (e.g., `services[]=id1&services[]=id2`).

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 `401` response. Specify the expiration date by using the `expires_at` parameter in the POST `/tokens` action. Format the date and time in ISO 8601 (https://en.wikipedia.org/wiki/ISO_8601) format (e.g., `2016-07-28T19:24:50+00:00`).

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

You can't delete a user (</guides/user-access-and-control/adding-and-deleting-user-accounts#deleting-existing-account-users>) who has active API tokens associated with their account. You must revoke the user's API tokens before deleting the user.

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 retrieve the token later.
- 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 (</guides/user-access-and-control/user-roles-and-how-to-change-them>) as the user. For example, if you are a billing user, then your token will only allow you to perform the capabilities of the billing role.

API reference

An API Token is used to identify who the API call is made on behalf of. It can also be used to restrict what an app can do through authorization scope. Users can create multiple tokens to suit their needs.

Fields

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

field	type	description
user_agent	<i>string</i>	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 (/api/auth#tokens) with at least **Billing** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

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

Response Example

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

```
[
  {
    "id": "5Yo3XXnrQpjc20u0ybrf2g",
    "user_id": "4y5K5trZocEAQYkesWlk7M",
    "services": [],
    "name": "my_token",
    "scope": "global",
    "created_at": "2016-06-22T03:19:48+00:00",
    "last_seen_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 Safari/537.36"
  }
]
```

GET /customer/:id/tokens

List all tokens belonging to a specific customer

Authentication

API token (/api/auth#tokens) with at least **Billing** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /customer/:id/tokens
Fastly-Key: YOUR_FASTLY_TOKEN
```

```
Accept: application/json
```

Response Example

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

[
  {
    "id": "5Yo3XXnrQpjc20u0ybrf2g",
    "user_id": "4y5K5trZocEAQYkesWlk7M",
    "services": [],
    "name": "my_token",
    "scope": "global",
    "created_at": "2016-06-22T03:19:48+00:00",
    "last_seen_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 Safari/537.36"
  }
]
```

GET /tokens/self

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

Authentication

API token (/api/auth#tokens)

Request Example

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

Response Example

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

{
  "id": "5Yo3XXnrQpjc20u0ybrf2g",
  "user_id": "4y5K5trZocEAQYkesWlk7M",
  "services": [],
  "name": "my_token",
  "scope": "global",
  "created_at": "2016-06-22T03:19:48+00:00",
  "last_seen_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 Safari/537.36"
}
```

POST /tokens

Create an API token. If two-factor authentication is enabled for your account, review the instructions (</api/auth#two-factor-authentication>) for including a one-time password in the request.

Authentication

Username and password

Request Example

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

"username=me@example.com&password=secret&services[]=5VqE6MOOy1QFJbgmCK41pY&services[]=6VqE6MOOy1QFJbgmCK41pZ&expires_at=2016-07-28T19:24:50Z"
```

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_seen_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 Safari/537.36"
}
```

DELETE /tokens/self

Revoke a token that is used to authenticate the request.

Authentication

API token (</api/auth#tokens>)

Request Example

```
DELETE /tokens/self
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 (/api/auth#tokens) with at least `Billing` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

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

Response Example

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

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	<code>invalid_grant</code>	The supplied username/password combination is not correct.
400	<code>invalid_request</code>	The username/password combination is not supplied. If you're using cURL on the command line, make sure the options are correct.
400	<code>invalid_scope</code>	The supplied scope is not valid.
400	<code>account_locked</code>	Your account is locked.
400	<code>2fa.verify</code>	Your 2FA token is not supplied or is expired.
422	<code>Unprocessable Entity</code>	The format of the date and time supplied to the <code>expires_at</code> 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. This account-level credential will be gradually 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 user, this credential will be assigned to a newly created, synthetic user on your account. This user, with the name `Global API Token`, has already been created on your account in preparation for the gradual migration.

Account (/api/account)

Billing

Get information on current and past bills.

Fields

field	type	description
<code>end_time</code>	<i>string</i>	The end date of this invoice.
<code>invoice_id</code>	<i>string</i>	The alphanumeric string identifying the specified invoice.

field	type	description
start_time	<i>string</i>	The start date of this invoice.
status.sent_at	<i>string</i>	(Deprecated) When the invoice was sent out (Outstanding or Paid).
status.status	<i>string</i>	What the current status of this invoice can be. One of Pending (being generated), Outstanding (unpaid), Paid (paid), Month to date (the current month).
total.bandwidth	<i>integer</i>	The total amount of bandwidth used this month (See bandwidth_units for measurement).
total.bandwidth_cost	<i>integer</i>	The cost of the bandwidth used this month in USD.
total.bandwidth_units	<i>string</i>	Bandwidth measurement units based on billing plan. Ex: GB
total.cost	<i>integer</i>	The final amount to be paid.
total.cost_before_discount	<i>integer</i>	Total incurred cost plus extras cost.
total.discount	<i>integer</i>	Calculated discount rate.
total.extras	<i>string</i>	A list of any extras for this invoice.
total.extras_cost	<i>integer</i>	Total cost of all extras.
total.extras.name	<i>string</i>	The name of this extra cost.
total.extras.recurring	<i>integer</i>	Recurring monthly cost in USD (not present if \$0.0).
total.extras.setup	<i>integer</i>	Initial set up cost in USD (not present if \$0.0 or this is not the month the extra was added).
total.incurred_cost	<i>integer</i>	The total cost of bandwidth and requests used this month.
total.overage	<i>integer</i>	How much over the plan minimum has been incurred.

field	type	description
total.plan_code	<i>string</i>	The short code the plan this invoice was generated under.
total.plan_minimum	<i>integer</i>	The minimum cost of this plan.
total.plan_name	<i>string</i>	The name of the plan this invoice was generated under.
total.requests	<i>integer</i>	The total number of requests used this month.
total.requests_cost	<i>integer</i>	The cost of the requests used this month.
total.terms	<i>string</i>	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 (/api/auth#tokens) of a user with at least **Billing** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

parameter	type	description
month	<i>integer</i>	2-digit month.
year	<i>integer</i>	4-digit year.

Request Example

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

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/year/ **year** /month/ **month**

Get the invoice for a given year and month (**deprecated**)

Authentication

API token (/api/auth#tokens) of a user with at least **Billing** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

parameter	type	description
month	<i>integer</i>	2-digit month.
year	<i>integer</i>	4-digit year.

Request Example

```
GET /billing/year/2012/month/01
```

Response Example

```
See Response Example above.
```

Billing Address

A billing address is used to calculate your bill correctly.

Fields

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

Actions

GET /customer/ **customer_id** /billing_address

Get a customer's billing address

Authentication

API token (/api/auth#tokens) with at least **Billing** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

parameter	type	description
customer_id	<i>string</i>	The Customer ID.

Request Example

```
GET /customer/CUSTOMER_ID/billing_address
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 (/api/auth#tokens) with at least **Billing** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

parameter	type	description
customer_id	<i>string</i>	The Customer ID.

Request Example

```

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

```
{
  "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 (/api/auth#tokens) with at least **Billing** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

parameter	type	description
customer_id	<i>string</i>	The Customer ID.

Request Example

```
PATCH /customer/CUSTOMER_ID/billing_address
Content-Type: application/vnd.api+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 (/api/auth#tokens) with at least **Billing** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

parameter	type	description
customer_id	<i>string</i>	The Customer ID.

Request Example

```
DELETE /customer/CUSTOMER_ID/billing_address
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 which owns your Users and Services

Fields

field	type	description
billing_contact_id	<i>string</i>	The alphanumeric string representing the primary billing contact.
billing_network_type	<i>string</i>	Customer's current network revenue type. Can be Public or Private.
billing_ref	<i>string</i>	Used for adding purchased orders to customer's account.
can_configure_wordpress	<i>boolean</i>	Whether this customer can view or edit wordpress. Read Only.
can_reset_passwords	<i>boolean</i>	Whether this customer can reset passwords. Read Only.
can_upload_vcl	<i>boolean</i>	Whether this customer can upload VCL. Read Only.
created_at	<i>string</i>	Time-stamp (GMT) when the user or customer was created.
deleted_at	<i>string</i>	Time-stamp (GMT) when the user or customer was deleted.
email_hash	<i>string</i>	The alphanumeric string identifying the user's email login.
force_2fa	<i>boolean</i>	Specifies whether 2fa is forced or not forced on the customer account.
has_account_panel	<i>boolean</i>	Specifies whether the account has access or does not have access to the account panel.
has_improved_events	<i>boolean</i>	Specifies whether the account has access or does not have access to the improved events.

field	type	description
has_improved_ssl_config	<i>boolean</i>	Whether this customer can view or edit the ssl config. Read Only.
has_openstack_logging	<i>boolean</i>	Specifies whether the account has enabled or not enabled openstack logging.
has_pci	<i>boolean</i>	Specifies whether the account can edit PCI for a service.
has_pci_passwords	<i>boolean</i>	Specifies whether PCI passwords are required for the account. Read only.
id	<i>string</i>	The alphanumeric string identifying the customer.
ip_whitelist	<i>string</i>	The range of IP addresses authorized to access the customer account.
login	<i>string</i>	The email used to login to Fastly.
name	<i>string</i>	The name of the customer, generally the company name.
owner_id	<i>string</i>	The alphanumeric string identifying the account owner.
phone_number	<i>string</i>	The phone number associated with the account.
postal_address	<i>string</i>	The postal address associated with the account.
pricing_plan	<i>string</i>	The pricing plan this customer is under.
pricing_plan_id	<i>string</i>	The alphanumeric string identifying the pricing plan.
readonly	<i>boolean</i>	
require_new_password	<i>boolean</i>	Specifies whether a new password is required or not required at next login.
requires_support_email	<i>boolean</i>	

field	type	description
role	<i>string</i>	The designated role or permissions for the user. Can be Billing, Engineer, User, and Super User.
two_factor_auth_enabled	<i>boolean</i>	Specifies whether 2fa is enabled or not enabled on the account.
two_factor_setup_required	<i>boolean</i>	Specifies whether 2fa is required for the user account.
updated_at	<i>string</i>	Time-stamp (GMT) when the user or customer was updated.

Actions

GET /customer/ **id** /users

List all users from a specified customer id

Authentication

API token (/api/auth#tokens).

Request Example

```
GET /customer/4mp6jxt8Z5b4be5jIhXz00/users
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 (/api/auth#tokens).

Request Example

```
GET /current_customer
```

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",
  "name": "Test Account",
  "owner_id": "x9KzsrACXZv8tPwlEDsKb6",
  "phone_number": "5555555559",
  "postal_address": "",
  "pricing_plan": "customer",
  "pricing_plan_id": "5PMLv2VdXE8xNbMcm9xayC",
  "readonly": false,
  "requires_support_email": false,
  "updated_at": "2016-04-07T17:21:06+00:00",
}
```

GET /customer/ id

Get a specific customer

Authentication

API token (/api/auth#tokens).

Request Example

```
GET /customer/hTE5dRlSBICGPJxJwCH4M
```

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",
  "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,
  "updated_at": "2016-06-14T14:43:01+00:00",
}
```

PUT /customer/ id

Update a customer

Authentication

API token (/api/auth#tokens).

Request Example

```
PUT /customer/4mp6jxt8Z5b4be5jIhXz00
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",
"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,
"updated_at": "2016-06-14T14:43:01+00:00",
}
```

DELETE /customer/ id

Delete a customer

Authentication

API token (/api/auth#tokens).

Request Example

```
DELETE /customer/4mp6jxt8Z5b4be5jIhXz00
```

Response Example

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

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

Event Logs

Event logs (/guides/monitoring-and-testing/monitoring-account-activity-with-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	<i>boolean</i>	Indicates if event was performed by Fastly.
created_at	<i>string</i>	Time-stamp (GMT) when the record was created.
customer_id	<i>string</i>	ID of the customer who performed the event.
description	<i>string</i>	Description of the event.
event_type	<i>string</i>	Type of event. Can be used with <code>filter[event_type]</code> . One of:
api_key.create	-	
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	-	
director.create	-	
director.delete	-	
director.update	-	

field	type	description
director_backend.create	-	
director_backend.delete	-	
domain.create	-	
domain.delete	-	
domain.update	-	
gzip.create	-	
gzip.delete	-	
gzip.update	-	
header.create	-	
header.delete	-	
header.update	-	
healthcheck.create	-	
healthcheck.delete	-	
healthcheck.update	-	
invitation.accept	-	
invitation.sent	-	
invoice.failed_payment	-	
invoice.payment	-	
logging.create	-	
logging.delete	-	
logging.update	-	
request_settings.create	-	
request_settings.delete	-	
request_settings.update	-	

field	type	description
response_object.create	-	
response_object.delete	-	
response_object.update	-	
rule_status.update	-	
rule_status.upsert	-	
service.create	-	
service.delete	-	
service.move	-	
service.move_destination	-	
service.move_source	-	
service.purge_all	-	
service.update	-	
service_authorization.create	-	
service_authorization.delete	-	
service_authorization.update	-	
token.create	-	
token.destroy	-	
two_factor_auth.disable	-	
two_factor_auth.enable	-	
user.destroy	-	
user.lock	-	
user.login	-	
user.login_failure	-	
user.logout	-	

field	type	description
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.create	-	
waf.delete	-	
waf.update	-	
waf.ruleset.deploy	-	
waf.ruleset.deploy_failure	-	
wordpress.create	-	
wordpress.delete	-	
wordpress.update	-	

field	type	description
ip	<i>string</i>	IP address(es) that the event was requested from.
metadata	<i>string</i>	Hash of key value pairs of additional information.
service_id	<i>string</i>	ID of the service that the event was performed on.
user_id	<i>string</i>	ID of the user that performed the event.

Actions

GET /events

List all events for a particular customer

Authentication

API token (/api/auth#tokens).

Parameters

parameter	type	description
filter[customer_id]	<i>string</i>	Limit the returned events to a specific customer.
filter[service_id]	<i>string</i>	Limit the returned events to a specific service.
filter[event_type]	<i>string</i>	Limit the returned events to a specific event type. See above for event codes.
filter[user_id]	<i>string</i>	Limit the returned events to a specific user.
page[number]	<i>integer</i>	Pagination page number.
page[size]	<i>integer</i>	Number of items to return on each paginated page.

Request Example

```
GET /events?filter[customer_id]=x4xCwxxJxGCx123Rx5Tx&page[number]=1&page[size]=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": [
    {
      "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": "5IH1QmNSV1Qi7jXc4oIZ1Z",
  "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 (/api/auth#tokens).

Parameters

parameter	type	description
event_id	string	The event ID.

Request Example

```
GET /events/1PTzLK8g1NRKMGU5kUb8SC
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/vnd.api+json
```

Response Example

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

Invitation

The invitations are created by the customer in order to invite employees to create user accounts that operate under the main customer account.

Fields

field	type	description
created_at	<i>string</i>	Time-stamp (GMT) when the invitation was created.
customer_id	<i>string</i>	The alphanumeric string identifying a customer.
email	<i>string</i>	The email address of the invitee.
id	<i>string</i>	The alphanumeric string identifying an invitation.
role	<i>string</i>	The user-assigned permissions role. Can be user, billing, engineer, or superuser.
status_code.	<i>boolean</i>	Indicates whether or not the invite is active, with 0 representing inactive while 1 represents active.
updated_at	<i>string</i>	Time-stamp (GMT) when the invitation was updated.

Actions

GET /invitation

Get all open invitations created by the customer

Authentication

API token (/api/auth#tokens) with at least **Billing** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /invitation
```

Response Example

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

```
{
  "open_invitations": [
    {
      "created_at": "2016-06-16T20:23:28+00:00",
      "customer_id": "43BKzOa3waLyxYPmikcaEo",
      "email": "john@example.com",
      "id": "3VyK3UNZCncwYaZhwjbo8A",
      "role": "superuser",
      "status_code": 1,
      "updated_at": "2016-06-16T20:23:28+00:00"
    }
  ],
  "permissible_roles": [
    "superuser",
    "engineer",
    "billing",
    "user"
  ]
}
```

POST /invitation

Create a new invitation and email it to the recipient.

Authentication

API token (/api/auth#tokens) with at least **Billing** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
POST /invitation
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

```
email=john@example.com
```

Response Example

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

```
{
  "created_at": "2016-06-16T20:26:58+00:00",
  "customer_id": "43BKzOa3waLyxYPmikcaEo",
  "email": "john@example.com",
  "id": "481ZGvT2i5xIBi9LnEANzn",
  "role": "user",
  "status_code": 1,
  "updated_at": "2016-06-16T20:26:58+00:00"
}
```

```
}
```

PUT /invitation/ **id** /cancel

Cancel an open invitation

Authentication

API token (/api/auth#tokens) with at least **Billing** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
PUT /invitation/:id/cancel
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

Response Example

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

```
{
  "created_at": "2016-06-16T20:28:42+00:00",
  "customer_id": "43BKzOa3waLyxYPmikcaEo",
  "email": "john@example.com",
  "id": "27glbTu8TI6O4fbnd2o6Uc",
  "role": "user",
  "status_code": 0,
  "updated_at": "2016-06-16T20:29:08+00:00"
}
```

Pricing Extras

An object describing various extras that get added to your bill at the end of the month. This object is **deprecated**.

Fields

field	type	description
active_at	<i>string</i>	Time-stamp (GMT) when the extra became active.
active_time	<i>string</i>	Unused.
active_until	<i>string</i>	Time-stamp (GMT) when the extra was became inactive.

field	type	description
comment	<i>string</i>	
created_at	<i>string</i>	Time-stamp (GMT) when the extra was created.
customer_id	<i>string</i>	The alphanumeric string identifying the customer.
deleted_at	<i>string</i>	Time-stamp (GMT) when the extra was deleted.
expires_at	<i>string</i>	Time-stamp (GMT) when the extra expires.
id	<i>string</i>	The alphanumeric string indentifying the pricing extra.
name	<i>string</i>	The unique name of the pricing extra
netsuite_inventory_item_id	<i>string</i>	Unused.
recurring	<i>integer</i>	The recurring cost of the pricing extra, charged every month.
setup	<i>integer</i>	The setup cost of the pricing extra, only charged the month it was created.

Actions

GET /customer/ **customer_id** /pricing_extra

Get all the pricing extras for a customer. This call is **deprecated**.

Authentication

API token (/api/auth#tokens).

Parameters

parameter	type	description
customer_id	<i>string</i>	The customer ID.

Request Example

```
GET /customer/hTE5dRlSBICGPJxJwCH4M/pricing_extra
```

Response Example

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

```
[
  {
    "active_at": "2015-11-01T00:00:00+00:00",
    "active_time": "2015-11-01T00:00:00+00:00",
    "active_until": null,
    "comment": "",
    "created_at": "2015-12-01T18:53:52+00:00",
    "customer_id": "x4xCwxxJxGCx123Rx5xTx",
    "deleted_at": null,
    "expires_at": null,
    "id": "1cLb6ZDgCnQK5hwu1lJ2xI",
    "name": "Wildcard SAN SSL Certificate *.example.com",
    "netsuite_inventory_item_id": "5VNJH6Yslx8XtbLS8UW7iT",
    "recurring": "275.0",
    "setup": "0.0"
  },
]
```

GET /customer/ **customer_id** /pricing_extra/ **name**

Get an individual pricing extra for a customer

Authentication

API token (/api/auth#tokens).

Parameters

parameter	type	description
customer_id	string	The customer ID.

Request Example

```
GET /customer/hTE5dRlSBICGPJxJwCH4M/pricing_extra/SSL
```

Response Example

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

```
{
  "active_at": "2016-04-07T00:00:00+00:00",
  "active_time": "2016-04-07T00:00:00+00:00",
  "active_until": null,
  "comment": "",
  "created_at": "2016-05-02T17:15:27+00:00",
  "customer_id": "x4xCwxxJxGCx123Rx5xTx",
  "deleted_at": null,
  "expires_at": null,
  "id": "1ZWMDbMZPqS1XJw0cttK9n",
  "name": "SSL",
  "netsuite_inventory_item_id": "5VNJH6Yslx8XtbLS8UW7iT",
  "recurring": "100.0",
  "setup": "0.0"
}
```

User

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

Fields

field	type	description
created_at	<i>string</i>	Time-stamp (GMT) when the user was created.
customer_id	<i>string</i>	The alphanumeric string identifying a customer.
deleted_at	<i>string</i>	Time-stamp (GMT) when the user was deleted.
email_hash	<i>string</i>	The alphanumeric string indentifying a email login.
id	<i>string</i>	The alphanumeric string identifying a user.
locked	<i>boolean</i>	Indicates whether the is account is locked for editing or not.
login	<i>string</i>	The email address, which is the login name, of this user.
name	<i>string</i>	The real life name of the user.
require_new_password	<i>boolean</i>	Indicates if a new password is required at next login.
role	<i>string</i>	The role of this user.
two_factor_auth_enabled	<i>boolean</i>	Indicates if 2fa is enabled on the user.
two_factor_setup_required	<i>boolean</i>	Indicates if 2fa is required by the user's customer account.
updated_at	<i>string</i>	Time-stamp (GMT) when the user was updated.

Actions

GET /current_user

Get the logged in user

Authentication

API token (/api/auth#tokens) with at least **Billing** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /current_user
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": "xe8x2dxffx5bx18123x69x3fxefxexfxa",
  "id": "x9KzsrACXZv8tPwLEDsKb6",
  "locked": false,
  "login": "johnowner@example.com",
  "name": "John 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 (/api/auth#tokens) with at least **Billing** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /user/x9KzsrACXZv8tPwLEDsKb6
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": "xe8x2dxffx5bx18123x69x3fxefxexfxa",
  "id": "x9KzsrACXZv8tPwLEDsKb6",
```

```
"locked": false,
"login": "johnowner@example.com",
"name": "John 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 (/api/auth#tokens) with at least `Superuser` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

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

```
name=John Owner&login=johnowner%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": "xe8x2dxffx5bx18123x69x3fxefxexfxa",
  "id": "6c7kAlo4vACNchGOdQxP37",
  "locked": false,
  "login": "johnowner@example.com",
  "name": "John 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/newpwd

old_password=oldpasswd&new_password=newpwd
```

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": "xe8x2dxffx5bx18123x69x3fxefxexfa",
  "id": "x9KzsrACXZv8tPwlEDsKb6",
  "locked": false,
  "login": "johnowner@example.com",
  "name": "John 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/x9KzsrACXZv8tPwlEDsKb6/password/request_reset
Accept: application/json
```

Response Example

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

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

PUT /user/ id

Update a user. Unless you are a `superuser` on your account, this can only change your own user.

Authentication

API token (/api/auth#tokens)

Request Example

```
PUT /user/x9KzsrACXZv8tPwLEDsKb6
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
name=Updated Name
```

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": "xe8x2dxffx5bx18123x69x3fxefxexfa",
  "id": "x9KzsrACXZv8tPwLEDsKb6",
  "locked": false,
  "login": "johnowner@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 (/api/auth#tokens) with at least `Superuser` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
DELETE /user/x9KzsrACXZv8tPwLEDsKb6
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

Response Example

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

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

Config (/api/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 attached to a working version of a 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 must be deleted from a working version (not locked or active), and that version without the ACL must be activated.

Fields

field	type	description
name	<i>string</i>	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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/2/acl
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": "1j1mtMz1ncwA0KC3TBGD0X",
    "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": "1j1mtMz1ncwA0KC3TBGD0X",
    "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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/4/acl/my_acl
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": "6HLRMTXCDWZ16tF3yEuKok",
  "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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/4/acl
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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/4/acl/my_acl
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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/acl/my_acl
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 without activating a new version. ACL entries can also be negated.

Fields

field	type	description
ip	<i>string</i>	An IP address.
subnet	<i>string</i>	An optional subnet for the IP address.
acl_id	<i>string</i>	The ACL this entry belongs to.
negated	<i>boolean</i>	A boolean that will negate the match if true.
comment	<i>string</i>	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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

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

Response Example

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

```
[
  {
    "id": "6yxNzlOpWlV7JfSwvLGtOc",
    "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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

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

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
}
```

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

Create ACL entry given service, ACL ID and properties

Authentication

API token (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/acl/2cFflPOskFLhmnZJEfUake/entry
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/json
Accept: application/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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
DELETE
/service/SU1Z0isxPaozGVKXdv0eY/acl/2cFflPOskFLhmnZJEfUake/entry/1ujrCmULAWHUPP7Mzjefxa
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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
PATCH
/service/SU1Z0isxPaozGVKXdv0eY/acl/2cFflPOskFLhmnZJEfUake/entry/1ujrCmULAWHUPP7Mzjefxa
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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
PATCH /service/SU1Z0isxPaozGVKXdv0eY/acl/2cFflPOskFLhmnZJEfUake/entries
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	<i>string</i>	An hostname, IPv4, or IPv6 address for the backend.
auto_loadbalance	<i>boolean</i>	Whether or not this backend should be automatically load balanced.
between_bytes_timeout	<i>integer</i>	How long to wait between bytes in milliseconds.
client_cert	<i>string</i>	Unused.
comment	<i>string</i>	A comment.
connect_timeout	<i>integer</i>	How long to wait for a timeout in milliseconds.
error_threshold	<i>integer</i>	Number of errors to allow before the backend is marked as down.
first_byte_timeout	<i>integer</i>	How long to wait for the first bytes in milliseconds.
healthcheck	<i>string</i>	The name of the healthcheck to use with this backend. Can be empty.
hostname	<i>string</i>	The hostname of the backend.
ipv4	<i>string</i>	IPv4 address of the host.
ipv6	<i>string</i>	IPv6 address of the host.
locked	<i>boolean</i>	Specifies whether or not the version is locked for editing.
max_conn	<i>integer</i>	Maximum number of connections.
max_tls_version	<i>integer</i>	Maximum allowed TLS version on SSL connections to this backend.
min_tls_version	<i>integer</i>	Minimum allowed TLS version on SSL connections to this backend.
name	<i>string</i>	The name of the backend.

field	type	description
port	<i>integer</i>	The port number.
request_condition	<i>string</i>	Condition, which if met, will select this backend during a request.
service_id	<i>string</i>	The alphanumeric string identifying a service.
shield	<i>string</i>	The shield POP designated to reduce inbound load on this origin by serving the cached data to the rest of the network.
ssl_ca_cert	<i>string</i>	CA certificate attached to origin.
ssl_cert_hostname	<i>string</i>	Overrides ssl_hostname, but only for cert verification. Does not affect SNI at all.
ssl_check_cert	<i>boolean</i>	Be strict on checking SSL certs. Setting to null will use the system default value (true).
ssl_ciphers	<i>string</i>	List of OpenSSL ciphers (see https://www.openssl.org/docs/manmaster/apps/ciphers.html for details).
ssl_client_cert	<i>string</i>	Client certificate attached to origin.
ssl_client_key	<i>string</i>	Client key attached to origin.
ssl_hostname	<i>string</i>	(Deprecated) Use ssl_cert_hostname and ssl_sni_hostname to configure certificate validation.
ssl_sni_hostname	<i>string</i>	Overrides ssl_hostname, but only for SNI in the handshake. Does not affect cert validation at all.
use_ssl	<i>boolean</i>	Whether or not to use SSL to reach the backend.
version	<i>integer</i>	The current version number of a service.
weight	<i>integer</i>	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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

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

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,
    "error_threshold": 0,
    "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
  },
]
```

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

Get the backend for a particular service and version.

Authentication

API token (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

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

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,
  "error_threshold": 0,
  "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
}
```

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

Create a backend for a particular service and version.

Authentication

API token (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/backend
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,
  "error_threshold": 0,
  "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
}
```

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

Update the backend for a particular service and version.

Authentication

API token (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

parameter	type	description
old_name	<i>string</i>	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
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

{
  "address": "127.0.0.1",
  "auto_loadbalance": false,
  "between_bytes_timeout": 10000,
  "client_cert": null,
  "comment": "",
  "connect_timeout": 1000,
  "error_threshold": 0,
  "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,
  "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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/backend/backend-name
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 control over how long content persists in the cache.

Fields

field	type	description
action	<i>string</i>	Allows for termination of execution and either cache, pass, or restart.
cache_condition	<i>string</i>	Name of the condition used to test whether this settings object should be used.
name	<i>string</i>	Name for the cache settings object.
stale_ttl	<i>integer</i>	Sets the max "Time To Live" for stale (unreachable) objects.
ttl	<i>integer</i>	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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/cache_settings
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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/cache_settings/testcache
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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

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

```
name=testcache&stale_ttl=1000&ttd=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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

parameter	type	description
old_name	<i>string</i>	Old name of the cache settings object (used to select the correct cache settings object if the name has been changed).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/cache_settings/testcache
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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/cache_settings/testcache
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 either true or false and is 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`, and/or `beresp`.

Fields

field	type	description
comment	<i>string</i>	
name	<i>string</i>	Name of the condition.
priority	<i>integer</i>	Priority assigned to condition. Order executes from 1 to 10, with 1 being first and 10 being last.
service_id	<i>string</i>	The alphanumeric string identifying a service.
statement	<i>string</i>	The statement used to determine if the condition is met.
type	<i>string</i>	Type of the condition, either "REQUEST" (req), "RESPONSE" (req, resp), or "CACHE" (req, beresp).
version	<i>integer</i>	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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/condtion
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~ \"index.html\"",
    "type": "CACHE",
    "version": "1"
  },
]
```

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

Gets the specified condition.

Authentication

API token (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/condition/testcondition
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~ \"index.html\"",
  "type": "CACHE",
  "version": "1"
}
```

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

Creates a new condition.

Authentication

API token (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

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

```
name=testcondition&statement=req.url~+\\"index.html\\"&priority=10
```

Response Example

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

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

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

Updates the specified condition.

Authentication

API token (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

parameter	type	description
old_name	<i>string</i>	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
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

```
statement=req.url~+\\"index.html\\"&priority=10
```

Response Example

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

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

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

Deletes the specified condition.

Authentication

API token (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/condition/testcondition
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 attached to a working version of a service (not locked/active). In order for the dictionary to appear in generated VCL, the version associated with the dictionary must be activated. To remove a dictionary, 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	<i>string</i>	Time-stamp (GMT) when the dictionary was created.
deleted_at	<i>string</i>	Time-stamp (GMT) when the dictionary was deleted.
id	<i>string</i>	The alphanumeric string identifying a dictionary.
name	<i>string</i>	Name for the Dictionary.

field	type	description
service_id	<i>string</i>	The alphanumeric string identifying a service.
updated_at	<i>string</i>	Time-stamp (GMT) when the dictionary was updated.
version	<i>integer</i>	The current version of a service.

Actions

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

List all dictionaries for the version of the service.

Authentication

API token (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/dictionary
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
  },
]
```

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

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

Authentication

API token (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/dictionary/my_dictionary
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": "5clCytctJrnnPi8wjqpH0q",
"name": "my_dictionary",
"service_id": "SU1Z0isxPaozGVKXdv0eY",
"updated_at": "2016-05-03T16:20:35+00:00",
"version": 1
```

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

Create named dictionary for a particular service and version.

Authentication

API token (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/dictionary
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": "5clCytctJrnnPi8wjqpH0q",
  "name": "my_dictionary",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "updated_at": "2016-05-03T16:11:41+00:00",
  "version": 1
}
```

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

Update named dictionary for a particular service and version

Authentication

API token (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

parameter	type	description
old_name	<i>string</i>	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
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": "5clCytctJrnpPi8wjqpH0q",
  "name": "updated_dictionary",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "updated_at": "2016-05-03T16:11:41+00:00",
  "version": 1
}
```

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

Delete named dictionary for a particular service and version.

Authentication

API token (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

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

Response Example

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

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

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 without activating a new version.

Fields

field	type	description
created_at	<i>string</i>	Time-stamp (GMT) when the dictionary was created.
deleted_at	<i>string</i>	Time-stamp (GMT) when the dictionary was deleted.
dictionary_id	<i>string</i>	The dictionary for this Item.
item_key	<i>string</i>	Key for the DictionaryItem.
item_value	<i>string</i>	Value for the DictionaryItem.
service_id	<i>string</i>	The service the Dictionary belongs to.
updated_at	<i>string</i>	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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/dictionary/5clCytctJrnpPi8wjqPH0q/items
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

Response Example

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

```
[
  {
    "dictionary_id": "5clCytctJrnnPi8wjqpH0q",
    "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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/dictionary/5clCytctJrnnPi8wjqpH0q/item/some_key
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

Response Example

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

```
{
  "dictionary_id": "5clCytctJrnnPi8wjqpH0q",
  "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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/dictionary/5clCytctJrnnPi8wjqpH0q/item
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": "5clCytctJrnnPi8wjqpH0q",
  "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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/dictionary/5clCytctJrnnPi8wjqpH0q/item/some_key
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": "5clCytctJrnnPi8wjqpH0q",
  "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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
PATCH
/service/SU1Z0isxPaozGVKXdv0eY/dictionary/5clCytctJrnnPi8wjqpH0q/item/some_key
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": "5clCytctJrnnPi8wjqpH0q",
  "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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
PATCH /service/SU1Z0isxPaozGVKXdv0eY/dictionary/5clCytctJrnnPi8wjqpH0q/items
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": "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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
DELETE
/service/SU1Z0isxPaozGVKXdv0eY/dictionary/5clCytctJrnlPi8wjqPH0q/item/some_key
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	<i>integer</i>	The version number being diffed from.
to	<i>integer</i>	The version number being diffed to.
format	<i>string</i>	The format the diff is being returned in (text, html or html_simple).
diff	<i>string</i>	The differences between two specified versions.

Actions

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

Get diff between two versions

Authentication

API token (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

parameter	type	description
from	<i>integer</i>	The version to diff from. Can either be a positive number from 1 to your maximum version or a negative number from -1 down (-1 is latest version etc)
to	<i>integer</i>	The version to diff to. Uses same numbering scheme as from.
format	<i>string</i>	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
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

Response Example

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

```
{
  "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
error_threshold: 0
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: ''
gzs: []
-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 attempt retrying failed requests. Additionally, Directors have a quorum setting which can be used to determine when the Director as a whole is considered "up", in order to prevent "server whack-a-mole" following an outage as servers come back up.

Fields

field	type	description
backends	<i>array</i>	List of backend associated with this director.
capacity	<i>integer</i>	Load balancing weight for the backends.
comment	<i>string</i>	Description field.
created_at	<i>string</i>	Time-stamp (GMT) when the Director was created.
deleted_at	<i>string</i>	Time-stamp (GMT) when the Director was deleted.
name	<i>string</i>	Name for the Director.
quorum	<i>integer</i>	The percentage of capacity that needs to be up for a director to be considered up. Integer, 0 to 100 (default: 75)
service_id	<i>string</i>	The alphanumeric string identifying a service.
shield	<i>string</i>	Selected POP to serve as a "shield" for origin servers.
type	<i>integer</i>	What type of load balance group to use. Integer, 1 to 4. Values: 1=random, 2=round-robin, 3=hash, 4=client. (default: 1)
updated_at	<i>string</i>	Time-stamp (GMT) when the Director was updated.
retries	<i>integer</i>	How many backends to search if it fails. (default: 5)
version	<i>integer</i>	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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/director
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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/director/test-director
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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/director
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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/director/test-director
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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/director/test-director
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 reference to a specific backend.

Fields

field	type	description
backend_name	<i>string</i>	Name of the backend to map to the specified director.
created_at	<i>string</i>	Time-stamp (GMT) when the relationship was created.
deleted_at	<i>string</i>	Time-stamp (GMT) when the relationship was deleted.
director	<i>string</i>	Name of the director.
service_id	<i>string</i>	The alphanumeric string identifying a service.
updated_at	<i>string</i>	Time-stamp (GMT) when the relationship was updated.
version	<i>integer</i>	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 indicating this. Otherwise, returns a 404.

Authentication

API token (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

parameter	type	description
director_name	<i>string</i>	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 balance traffic onto.

Authentication

API token (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

parameter	type	description
director_name	<i>string</i>	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 have traffic balanced onto it from this Director.

Authentication

API token (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

parameter	type	description
director_name	<i>string</i>	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	<i>string</i>	A personal freeform descriptive note.
name	<i>string</i>	The name of the domain or domains associated with this service.

field	type	description
service_id	<i>string</i>	The alphanumeric string identifying a service.
version	<i>integer</i>	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 second is the current 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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/domain/check_all
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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/domain/www.example.com/check
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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/domain
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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/domain/www.example.com
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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/domain
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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

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
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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/domain/test-domain
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	<i>string</i>	The CACHE condition controlling when this gzip configuration applies. This field is optional.
content_types	<i>string</i>	Space-separated list of content types to compress. If you omit this field a default list will be used.
extensions	<i>string</i>	Space-separated list of file extensions to compress. If you omit this field a default list will be used.
name	<i>string</i>	The name of the gzip configuration.
service_id	<i>string</i>	The alphanumeric string identifying a service.
version	<i>integer</i>	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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPa0zGVKXdv0eY/version/2/gzip
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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

parameter	type	description
name	<i>string</i>	Name of the gzip object

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/2/gzip/fonts
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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/2/gzip
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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

parameter	type	description
old_name	<i>string</i>	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
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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

parameter	type	description
name	<i>string</i>	Name of the gzip object

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/2/gzip
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 derived from variables inside Varnish. Regular expressions can be used to customize the headers even further.

Fields

field	type	description
action	<i>string</i>	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	<i>string</i>	Optional name of a CacheCondition to apply.
dst	<i>string</i>	Header to set.
ignore_if_set	<i>integer</i>	Don't add the header if it is added already. (Only applies to 'set' action)
name	<i>string</i>	A handle to refer to this Header object.
priority	<i>integer</i>	Lower priorities execute first. (Default: 100.)
regex	<i>string</i>	Regular expression to use (Only applies to 'regex' and 'regex_repeat' actions).
request_condition	<i>string</i>	Optional name of a RequestCondition to apply.
response_condition	<i>string</i>	Optional name of a ResponseCondition to apply.
service_id	<i>string</i>	The alphanumeric string identifying a service.
src	<i>string</i>	Variable to be used as a source for the header content. (Does not apply to 'delete' action)

field	type	description
substitution	<i>string</i>	Value to substitute in place of regular expression. (Only applies to 'regex' and 'regex_repeat')
type	<i>string</i>	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	<i>integer</i>	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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/header
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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/header/testheader
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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/header
```

```
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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

parameter	type	description
old_name	<i>string</i>	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
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
```

```
{
  "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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

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

Response Example

```
HTTP/1.1 200 OK
Content-Type: application/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, Fastly will stop attempting 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 returned to the client.

Fields

field	type	description
check_interval	<i>integer</i>	How often to run the healthcheck in milliseconds.
comment	<i>string</i>	A comment.
expected_response	<i>integer</i>	The status code expected from the host.
host	<i>string</i>	Which host to check.
http_version	<i>integer</i>	Whether to use version 1.0 or 1.1 HTTP.
initial	<i>integer</i>	When loading a config, the initial number of probes to be seen as OK.
method	<i>string</i>	Which HTTP method to use.
name	<i>string</i>	The name of the healthcheck.
path	<i>string</i>	The path to check.
service_id	<i>string</i>	The alphanumeric string identifying a service.
threshold	<i>integer</i>	How many healthchecks must succeed to be considered healthy.
timeout	<i>integer</i>	Timeout in milliseconds.
version	<i>integer</i>	The current version of a service.
window	<i>integer</i>	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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/healthcheck
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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/healthcheck/example-healthcheck
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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/healthcheck
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

parameter	type	description
old_name	<i>string</i>	Old name of the healthcheck object (used to select the correct healthcheck object if the name has been changed).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/healthcheck/example-healthcheck
Fastly-Key: YOUR_FASTLY_TOKEN
Content-Type: application/x-www-form-urlencoded
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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/healthcheck/test-healthcheck
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 specific types of requests are handled.

Fields

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

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

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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/request_settings
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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/request_settings/testrequest  
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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/request_settings  
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_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": "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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

parameter	type	description
old_name	<i>string</i>	Old name of the Request Settings object (used to select the correct Request Settings object if the name has been changed).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/request_settings/testrequest
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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/request_settings/testrequest
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 exists outside the scope of your datacenter. Best when used with Condition objects.

Fields

field	type	description
-------	------	-------------

cache_condition	<i>string</i>	Name of the condition checked after we have retrieved an object. If the condition passes then deliver this Request Object instead.
content	<i>string</i>	The content to deliver for the response object, can be empty.
content_type	<i>string</i>	The MIME type of the content, can be empty.
name	<i>string</i>	Name that identifies the Response Object.
status	<i>string</i>	The HTTP Status Code, defaults to 200.
response	<i>string</i>	The HTTP Response, defaults to "Ok"
request_condition	<i>string</i>	Name of the condition to be checked during the request phase. If the condition passes then this object will be delivered.
service_id	<i>string</i>	The alphanumeric string identifying a service.
version	<i>integer</i>	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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/response_object
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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/response_object/testresponse
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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/response_object
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
```

```
{
  "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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

parameter	type	description
old_name	<i>string</i>	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
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
```

```
{
  "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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/response_object/testresponse
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 Versions, through which Backends, Domains, and more can be configured.

Fields

field	type	description
active	<i>boolean</i>	Indicates if the version is active for this service.
active_version	<i>array</i>	List of configuration for active version of a service.
backends	<i>array</i>	List of backend associated to this service.
cache_settings	<i>array</i>	List of cache_settings associated to this service.

field	type	description
comment	<i>string</i>	Description field.
conditions	<i>array</i>	List of conditions associated to this service.
customer_id	<i>string</i>	Which customer this service belongs to.
deployed	<i>boolean</i>	Indicates if the version has been deployed.
directors	<i>array</i>	List of directors associated to this service.
domain	<i>array</i>	List of domains associated to this service.
gzips	<i>array</i>	List of gzip rules associated to this service.
headers	<i>array</i>	List of headers associated to this service.
healthchecks	<i>array</i>	List of healthchecks associated to this service.
locked	<i>boolean</i>	Indicates if this version is locked and uneditable.
logging_syslog	<i>array</i>	List of logging services associated to this service.
number	<i>integer</i>	Current version number of this service.
request_settings	<i>array</i>	List of request_settings for this service.
response_objects	<i>array</i>	List of response_objects for this service.
name	<i>string</i>	The name of this service.
publish_key	<i>string</i>	What key to use for the publish streams.
service_id	<i>string</i>	The alphanumeric string identifying a service.
settings	<i>array</i>	List of default settings for this service.
staging	<i>boolean</i>	Unused at this time.
testing	<i>boolean</i>	Unused at this time.

field	type	description
vcls	<i>array</i>	List of VCL for this service.
version	<i>integer</i>	The current version of this service.
versions	<i>array</i>	A list of versions associated with this service.
wordpress	<i>array</i>	A list of wordpress rules with this service.

Actions

GET /service

List Services

Authentication

API token (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service
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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

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

Response Example

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

```
{
  "acls": [],
  "active_version": {
    "active": true,
    "backends": [],
    "cache_settings": [],
    "comment": "",
    "conditions": [],
    "deployed": true,
    "dictionaries": [],
    "directors": [],
    "domains": [],
    "gzsips": [],
    "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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/search?name=test-service
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",
  "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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY
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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/domain
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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
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
```

```
{
  "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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```

PUT /service/SU1Z0isxPaozGVKXdv0eY
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

```

```

{
  "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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY  
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	<i>string</i>	The default host name for the version.
general.default_ttl	<i>integer</i>	The default Time-to-live (TTL) for the version.
service_id	<i>string</i>	The alphanumeric string identifying a service.
version	<i>integer</i>	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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/settings
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,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": 1
}
```

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

Update the settings for a particular service and version

Authentication

API token (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/settings
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,
  "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. Stats are broken down per datacenter, giving you information on how your Services are being used across the world. There is now a more flexible, and fully featured Stats API (/api/stats) available

Fields

field	type	description
start_time	<i>integer</i>	Epoch timestamp for period request
end_time	<i>integer</i>	Epoch timestamp for period request
year	<i>integer</i>	Summarize a specific Y/M (requires month)
month	<i>integer</i>	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 select block of time to query. Use either a timestamp range (using **start_time** and **end_time**) or a specified month/year combo (using **month** and **year**)

Authentication

API token (/api/auth#tokens).

Request Example

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

Response Example

```
HTTP/1.1 200 OK
Content-Type: application/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
  },
}
}

```

GET /service/ **service_id** /stats/ **type**

Get the stats from a service. This call is **deprecated**. Please use the summary call above. If type is either of "all" or "minutely", you must use specify a block of time using the fields above

Authentication

API token (/api/auth#tokens).

Parameters

parameter	type	description
type	<i>string</i>	Granularity of stats requested. one of: all, minutely, hourly, daily

Request Example

```

GET /service/SU1Z0isxPaozGVKXdv0eY/stats/daily
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json

```

Response Example

```
HTTP/1.1 200 OK
Content-Type: application/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
    },
  },
}
```

VCL

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

Fields

field	type	description
content	<i>string</i>	The VCL code to be included.
main	<i>boolean</i>	Set to true when this is the main VCL, otherwise false.
name	<i>string</i>	The name of this VCL.
service_id	<i>string</i>	The alphanumeric string identifying a service.
version	<i>integer</i>	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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/vcl
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 =\n  \"9092\";\n}\n\nsub vcl_recv {\n  set req.backend = default;\n}\n\nsub vcl_hash\n{\n  set req.hash += req.url;\n  set req.hash += req.http.host;\n  set\nreq.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 (/api/config#settings).

Authentication

API token (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

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

Response Example

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

```
*VCL*
```

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

Get the uploaded VCL for a particular service and version

Authentication

API token (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

parameter	type	description
no_content	<i>boolean</i>	Omit VCL content (default 0)

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/vcl/test-vcl
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 =\n  \"9092\";\n}\n\nsub vcl_recv {\n  set req.backend = default;\n}\n\nsub vcl_hash\n{\n  set req.hash += req.url;\n  set req.hash += req.http.host;\n  set\n  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 a request parameter

Authentication

API token (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/vcl/test-vcl/content
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=\"p\">{</span></span>\n    <span
class=\"o\">.</span><span class=\"n\">host</span> <span class=\"o\">=</span><span
class=\"s\">\"127.0.0.1\"</span><span class=\"p\">;</span></span>\n    <span
class=\"o\">.</span><span class=\"n\">port</span> <span class=\"o\">=</span><span
class=\"s\">\"80\"</span><span class=\"p\">;</span></span>\n  <span class=\"p\">}</span>\n  \n  <span class=\"k\">sub </span><span class=\"nf\">vcl_recv</span>
<span class=\"p\">{</span></span>\n    <span class=\"n\">set</span> <span
class=\"n\">req</span><span class=\"o\">.</span><span class=\"n\">backend</span>
<span class=\"o\">=</span><span class=\"n\">default</span><span class=\"p\">;</span>
</span>\n  <span class=\"p\">}</span>\n  \n  <span class=\"k\">sub </span><span
class=\"nf\">vcl_hash</span> <span class=\"p\">{</span></span>\n    <span
class=\"n\">set</span> <span class=\"n\">req</span><span class=\"o\">.</span><span
class=\"n\">hash</span> <span class=\"o\">+=</span><span class=\"n\">req</span>
<span class=\"o\">.</span><span class=\"n\">url</span><span class=\"p\">;</span></span>\n
<span class=\"n\">set</span> <span class=\"n\">req</span><span class=\"o\">.</span>
<span class=\"n\">hash</span> <span class=\"o\">+=</span><span
class=\"n\">req</span><span class=\"o\">.</span><span class=\"n\">http</span><span
class=\"o\">.</span><span class=\"n\">host</span><span class=\"p\">;</span></span>\n
<span class=\"n\">set</span> <span class=\"n\">req</span><span class=\"o\">.</span>
<span class=\"n\">hash</span> <span class=\"o\">+=</span><span
class=\"s\">\"0\"</span><span class=\"p\">;</span></span>\n  <span class=\"p\">}</span>
</span>\n</pre></div>\n"
```

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

Download the specified VCL

Authentication

API token (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/vcl/test-vcl/download
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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/generated_vcl
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 =\n  \"9093\";\n}\n\nsub vcl_recv {\n  set req.backend = default;\n}\n\nsub vcl_hash\n{\n  set req.hash += req.url;\n  set req.hash += req.http.host;\n  set\nreq.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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/generated_vcl/content
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=\"p\">{</span>\n    <span
class=\"o\">.</span><span class=\"n\">host</span> <span class=\"o\">=</span> <span
class=\"s\">\"127.0.0.1\"</span><span class=\"p\">;</span>\n    <span
class=\"o\">.</span><span class=\"n\">port</span> <span class=\"o\">=</span> <span
class=\"s\">\"80\"</span><span class=\"p\">;</span>\n  <span class=\"p\">}</span>\n  \n  <span class=\"k\">sub </span><span class=\"nf\">vcl_recv</span>
<span class=\"p\">{</span>\n    <span class=\"n\">set</span> <span
class=\"n\">req</span><span class=\"o\">.</span><span class=\"n\">backend</span>
<span class=\"o\">=</span> <span class=\"n\">default</span><span class=\"p\">;</span>
</span>\n  <span class=\"p\">}</span>\n  \n  <span class=\"k\">sub </span><span
class=\"nf\">vcl_hash</span> <span class=\"p\">{</span>\n    <span
class=\"n\">set</span> <span class=\"n\">req</span><span class=\"o\">.</span><span
class=\"n\">hash</span> <span class=\"o\">+</span> <span class=\"n\">req</span>
<span class=\"o\">.</span><span class=\"n\">url</span><span class=\"p\">;</span>\n
<span class=\"n\">set</span> <span class=\"n\">req</span><span class=\"o\">.</span>
<span class=\"n\">hash</span> <span class=\"o\">+</span> <span
class=\"n\">req</span><span class=\"o\">.</span><span class=\"n\">hash</span>
<span class=\"o\">+</span> <span class=\"n\">http</span><span class=\"o\">.</span>
<span class=\"n\">host</span><span class=\"p\">;</span></span>\n
<span class=\"n\">set</span> <span class=\"n\">req</span><span class=\"o\">.</span>
<span class=\"n\">hash</span> <span class=\"o\">+</span> <span
class=\"s\">\"0\"</span><span class=\"p\">;</span>\n  <span class=\"p\">}</span>
</pre></div>\n"
```

POST /service/ **service_id** /version/ **version** /vcl

Upload a VCL for a particular service and version

Authentication

API token (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/vcl
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 = \n\"9092\";\n}\n\nsub vcl_recv {\n  set req.backend = default;\n}\n\nsub 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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/vcl/test-vcl/main
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 = \n\"9092\";\n}\n\nsub vcl_recv {\n  set req.backend = default;\n}\n\nsub 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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

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
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 =\n  \"9092\";\n}\n\nsub vcl_recv {\n  set req.backend = default;\n}\n\nsub vcl_hash\n{\n  set req.hash += req.url;\n  set req.hash += req.http.host;\n  set\n  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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/vcl/test-vcl
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	<i>string</i>	The name for the snippet.
dynamic	<i>integer</i>	Sets the snippet version to regular (0) or dynamic (1).
type	<i>string</i>	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	<i>string</i>	The VCL code that specifies exactly what the snippet does.
priority	<i>integer</i>	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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/snippet/SU1Z0isxPaozGVKXdv0eY
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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/snippet
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

Response Example

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

```
[
  {
    "id": "62Yd1WfiCBPENLloXfXm1O",
    "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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/snippet/my_snippet
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

Response Example

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

```
{
  "id": "62YdlWfiCBPENLl0XfXm1O",
  "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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/snippet
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": "62YdlWfiCBPENLloXfXm1O",
  "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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/snippet/62YdlWfiCBPENLloXfXm1O
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": "62YdlWfiCBPENLloXfXm1O",
  "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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/snippet/my_snippet
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": "62YdlWfiCBPENLloXfXm1O",
  "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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/snippet/my_snippet
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

Response Example

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

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	<i>boolean</i>	Whether this is the active version or not.
comment	<i>string</i>	A comment.
created_at	<i>string</i>	Time-stamp (GMT) when the version was created.
deleted_at	<i>string</i>	Time-stamp (GMT) when the version was deleted.
deployed	<i>boolean</i>	Whether or not this version is deployed.
locked	<i>boolean</i>	Whether this version is locked or not. Objects can not be added or edited on locked versions.
number	<i>integer</i>	The number of this version.
service_id	<i>string</i>	The alphanumeric string identifying a service.
staging	<i>boolean</i>	Whether or not this version is for staging.
testing	<i>boolean</i>	Whether or not this version is for testing.
updated_at	<i>string</i>	Time-stamp (GMT) when the version was updated.

Actions

GET /service/ **service_id** /version

List the versions for a particular service.

Authentication

API token (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version
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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/validate  
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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version  
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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/activate
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

Response Example

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

```
{
  "active": true,
  "comment": "",
  "created_at": "2016-05-01T19:40:51+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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/3/deactivate
Fastly-Key: YOUR_FASTLY_TOKEN
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"
}
```

PUT /service/ **service_id** /version/ **number** /clone

Clone the current configuration into a new version.

Authentication

API token (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/clone
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": 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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/lock
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"
}
```

Purge (/api/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, <https://api.fastly.com/> (<https://api.fastly.com/>), is not 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 \(/guides/purging/authenticating-api-purge-requests\)](/guides/purging/authenticating-api-purge-requests) to enable.

Parameters

parameter	type	description
*	<i>string</i>	Full path of the URL.

Request Example

```
curl -X PURGE http://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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/purge_all
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 be purged using a batch surrogate key purge request.

Authentication

API token (/api/auth#tokens).

Parameters

parameter	type	description
key	<i>string</i>	Surrogate Key to purge.

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/purge/hTE5dRlSBICGPJxJwCH4M
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 request.

Authentication

API token (/api/auth#tokens).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/purge
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 be purged in one batch request.

Authentication

API token (/api/auth#tokens).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/purge
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 conjunction with `stale_while_revalidate` and `stale_if_error`. The main entry point `http://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 \(/guides/purging/authenticating-api-purge-requests\)](/guides/purging/authenticating-api-purge-requests) to enable.

Parameters

parameter	type	description
*	<i>string</i>	Full path of the URL

Request Example

```
curl -X PURGE -H "Fastly-Soft-Purge:1" http://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 (`/api/auth#tokens`).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/purge/hTE5dRlSBICGPJxJwCH4M
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 (/api/stats)

The Fastly Historical Stats API (i.e., the Stats API) is a RESTful API that allows Fastly customers to query historical caching stats such as number of requests, hit ratio, and number of errors. The Stats API provides an advanced querying interface that allows for fine grained time period, regional, and sampling control. This document provides a basic overview of Stats and documents all available endpoints.

Endpoint

The base endpoint for the Stats API is <https://api.fastly.com/stats/> (<https://api.fastly.com/stats/>). All URLs are relative to that endpoint. All requests must be sent over HTTPS.

Authentication

To authenticate (/api/auth), use a `Fastly-Key` header containing your API token (/api/auth#tokens).

Here's an example using the command-line tool cURL:

```
curl -H "Fastly-Key: YOUR_FASTLY_TOKEN" https://api.fastly.com/stats
```

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 control the window over which you want to fetch stats information. The `by` controls the sampling rate (day, hour, or minute). And the `region` parameter allows you to restrict the result set to a 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 timestamps when 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 the gem's GitHub page (<https://github.com/mojombo/chronic> (<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 match the following inequality:

```
from <= recorded < to
```

NOTE: We store historical stats information using UTC, and not local time zones. This means that we will use the UTC interpretations of your inputs when 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 values that can be set:

- `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` parameters if you omit them:

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` parameters. We will not 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 `region` parameter. Currently the 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
- `latam` - Restricts the query to statistics reported by POPs in Latin America
- `south_africa` - Restricts the query to statistics reported by POPs in southern Africa

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

Availability of Data

The collection and processing of statistics information from a globally distributed CDN, such as Fastly, is not instantaneous. Thus there will be a notable delay as to when certain sampling range information will be up to date. Here are the general guidelines:

1. Minutely data will be delayed by roughly 10 to 15 minutes from the current time

- Hourly data will be delayed by the same amount, and the current hour will return a partial result (because the hour has not finished but we are incrementally aggregating data)
- Daily data works similarly to hourly data and the current day will also represent a partial result

API Reference

The Fastly Historical Stats API is a RESTful API that allows Fastly customers to query historical caching stats such as number of requests, hit ratio, and number of errors.

Fields

field	type	description
requests	<i>integer</i>	Number of requests processed
hits	<i>integer</i>	Number of cache hits
hits_time	<i>float</i>	Amount of time spent processing cache hits (in seconds)
miss	<i>integer</i>	Number of cache misses
miss_time	<i>float</i>	Amount of time spent processing cache misses (in seconds)
pass	<i>integer</i>	Number of requests that passed through the CDN without being cached
errors	<i>integer</i>	Number of cache errors
hit_ratio	<i>float</i>	Ratio of cache hits to cache misses (between 0 and 1)
bandwidth	<i>integer</i>	Total bytes delivered (body_size + header_size)
body_size	<i>integer</i>	Total body bytes delivered (alias for resp_body_bytes)
header_size	<i>integer</i>	Total header bytes delivered (alias for resp_header_bytes)
req_body_bytes	<i>integer</i>	Total body bytes received

field	type	description
req_header_bytes	<i>integer</i>	Total header bytes received
resp_body_bytes	<i>integer</i>	Total body bytes delivered
resp_header_bytes	<i>integer</i>	Total header bytes delivered
bereq_body_bytes	<i>integer</i>	Total body bytes sent to origin
bereq_header_bytes	<i>integer</i>	Total header bytes sent to origin
uncacheable	<i>integer</i>	Number of requests that were denoted uncacheable
pipe	<i>integer</i>	Optional. Pipe operations performed (legacy feature)
tls	<i>integer</i>	Number of requests that were received over TLS
shield	<i>integer</i>	Number of requests from Shield to Origin
ipv6	<i>integer</i>	Number of requests that were received over IPv6
otfp	<i>integer</i>	Number of responses that came from the Fastly On-the-Fly-Packager for On Demand Streaming service for Video-on-Demand
video	<i>integer</i>	Number of responses with video segment or video manifest MIME type (i.e., application/x-mpegurl, application/vnd.apple.mpegurl, application/f4m, application/dash+xml, application/vnd.ms-sstr+xml, ideo/mp2t, audio/aac, video/f4f, video/x-flv, video/mp4, audio/mp4)
pci	<i>integer</i>	Number of responses that have the PCI flag turned on
logging	<i>integer</i>	Number of log lines sent
http2	<i>integer</i>	Number of requests that were received over HTTP2
waf_logged	<i>integer</i>	Number of requests that triggered a WAF rule and were logged

field	type	description
waf_blocked	<i>integer</i>	Number of requests that triggered a WAF rule and were blocked
waf_passed	<i>integer</i>	Number of requests that triggered a WAF rule and were passed
attack_req_body_bytes	<i>integer</i>	Total body bytes received from requests that trigger a WAF rule
attack_req_header_bytes	<i>integer</i>	Total header bytes received from requests that trigger a WAF rule
attack_resp_synth_bytes	<i>integer</i>	Total bytes delivered for requests that triggered a WAF rule and returned a synthetic response
img_opto	<i>integer</i>	Number of responses that came from the Fastly Image Optimizer service
status_200	<i>integer</i>	Number of responses sent with status code 200 (Success)
status_204	<i>integer</i>	Number of responses sent with status code 204 (No Content)
status_301	<i>integer</i>	Number of responses sent with status code 301 (Moved Permanently)
status_302	<i>integer</i>	Number of responses sent with status code 302 (Found)
status_304	<i>integer</i>	Number of responses sent with status code 304 (Not Modified)
status_503	<i>integer</i>	Number of responses sent with status code 503 (Service Unavailable)
status_1xx	<i>integer</i>	Number of "Informational" category status codes delivered

field	type	description
status_2xx	<i>integer</i>	"Success" status codes delivered
status_3xx	<i>integer</i>	"Redirection" codes delivered
status_4xx	<i>integer</i>	"Client Error" codes delivered
status_5xx	<i>integer</i>	"Server Error" codes delivered

Actions

GET /stats

Fetches historical stats for each of your Fastly services and groups the results by service ID.

Authentication

API token (/api/auth#tokens).

Request Example

```
GET /stats?from=1+day+ago
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",
"breq_header_bytes": "1870557109",
"breq_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",
"breq_header_bytes": "1870557109",
"breq_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 (/api/auth#tokens).

Request Example

```

GET /stats/field/hit_ratio?from=6+hours+ago&to=3+hours+ago&by=hour
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 (/api/auth#tokens).

Request Example

```

GET /stats/aggregate?from=1368563377&to=1368736177
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",
      "breq_header_bytes": "1870557109",
      "breq_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",
    "breq_header_bytes": "1870557109",
    "breq_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 (/api/auth#tokens).

Request Example

```

GET /stats/service/1j1mtMz1ncwA0KC3TBGD0X?
from=40+minutes+ago&to=38+minutes+ago&by=minute
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 19:57:24 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": "1j1mtMz1ncwA0KC3TBGD0X",
      "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",
      "breq_header_bytes": "1870557109",
      "breq_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": "1j1mtMz1ncwA0KC3TBGD0X",
    "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",
    "breq_header_bytes": "1870557109",
    "breq_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 (/api/auth#tokens).

Request Example

```

GET /stats/service/1j1mtMz1ncwA0KC3TBGD0X/field/bandwidth?from=2+days+ago
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": "1j1mtMz1ncwA0KC3TBGD0X",
      "start_time": "1368576000",
      "bandwidth": "376983356"
    },
    {
      "service_id": "1j1mtMz1ncwA0KC3TBGD0X",
      "start_time": "1368662400",
      "bandwidth": "322029360"
    }
  ]
}
```

GET /stats/usage

Returns usage information aggregated across all Fastly services and grouped by region.

Authentication

API token (/api/auth#tokens).

Request Example

```
GET /stats/usage?from=1%2F1%2F2013&to=2%2F1%2F2013
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

Response Example

```
HTTP/1.1 200 OK
Content-Type: application/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 (/api/auth#tokens).

Request Example

```
GET /stats/usage_by_service?from=2%2F1%2F2013&to=3%2F1%2F2013
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/regions

Fetches the list of codes for regions that are covered by the Fastly CDN service.

Authentication

API token (/api/auth#tokens).

Request Example

```

GET /stats/regions
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 (/api/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> (<https://rt.fastly.com>). All URLs are relative to that endpoint. All requests must be sent over HTTPS.

Authentication

To authenticate (/api/auth), use a `Fastly-Key` header containing your API token (/api/auth#tokens).

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 owned by the account 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](https://www.fastly.com) (<https://www.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 a one second interval:

```
<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 request.

There is also "History" call for fetching data from the previous 120 seconds up to the latest timestamp for a channel:

```
<endpoint>/v1/channel/<service id>/ts/h
```

This can be modified by fetching the last `N` entries.

```
<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 used for the next API call, 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 many items as were requested.

```
{
  "Timestamp" => 1467915558,
  "Data" => [ ... ]
}
```

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 generated on our cache servers, and `datacenter` with another JSON object as a value.

```
"Data" => [
  {
    "recorded"    => 1467915558,
    "datacenter" => {...}
  },
  ...
]
```

The keys of the `datacenter` JSON object are the names of each of our POPs (/guides/basic-concepts/fastly-pop-locations) around the world plus a special key, called `aggregated`, which adds all the values from all the POPs together.

```
{
  "Data":[
    {
      "datacenter":{
        "AMS" => { ... },
        "SIN" => { ... },
        "SJC" => { ... },
        ...
      },
      "aggregated":{ },
      "recorded":1478140705
    }
  ],
  "Timestamp":1478140713
}
```

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 POP during that time:

```
"SJC" => {
  "requests"           => 45,
  "resp_header_bytes"  => 22018,
  "resp_body_bytes"    => 134564,
  "hits"               => 200,
  "miss"               => 48,
  "synth"              => 4,
  "errors"             => 5,
  "hits_time"          => 200,
  "miss_time"          => 1800,
  "miss_histogram"     => {
    "80"   => 33,
    "90"   => 1,
    "110"  => 1,
    "170"  => 1,
    "250"  => 1,
    "300"  => 2,
    "400"  => 1,
    "650"  => 2,
    "750"  => 1,
    "1000" => 1,
    "1100" => 1
  }
}
```

The keys are the same as those mentioned on the Historical Stats (</api/stats>) page, but they show some statistics that have occurred since the last request, including the following:

- 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 to origin. In this example 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 there should be no reason for customers to hit that rate limit.

Remote Logging (/api/logging)

S3

Fastly will upload log messages to the S3 bucket, and in the format, specified in the S3 object.

Fields

field	type	description
access_key	<i>string</i>	Your S3 account access key.
bucket_name	<i>string</i>	The bucket name for S3 account.
created_at	<i>string</i>	Time-stamp (GMT) when the endpoint was created.
deleted_at	<i>string</i>	Time-stamp (GMT) when the endpoint was deleted.
domain	<i>string</i>	The domain of the Amazon S3 endpoint.
format	<i>string</i>	Apache style log formatting.

field	type	description
format_version	<i>integer</i>	The version of the custom logging format used for the configured endpoint. Can be either 1 (the default, version 1 log format) or 2 (the version 2 log format).
gzip_level	<i>integer</i>	What level of GZIP encoding to have when dumping logs (default 0, no compression).
message_type	<i>string</i>	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	<i>string</i>	The name of the s3 rule.
path	<i>string</i>	The path to upload logs to.
period	<i>integer</i>	How frequently the logs should be dumped (in seconds, default 3600).
placement	<i>string</i>	Where in the generated VCL the logging call should be placed.
redundancy	<i>string</i>	The S3 redundancy level.
response_condition	<i>string</i>	When to execute the s3. If empty, always execute.
secret_key	<i>string</i>	Your S3 account secret key.
server_side_encryption_kms_key_id	<i>string</i>	Optional server-side KMS Key Id. Must be set if server_side_encryption is set to aws:kms.

field	type	description
server_side_encryption	-	String Set this to AES256 or aws:kms to enable S3 Server Side Encryption.
service_id	<i>string</i>	The alphanumeric string identifying a service.
timestamp_format	<i>string</i>	strftime specified timestamp formatting (default "%Y-%m-%dT%H:%M:%S.000").
updated_at	<i>string</i>	Time-stamp (GMT) when the endpoint was deleted.
version	<i>integer</i>	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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/s3
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": "1",
    "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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```

GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/s3/test-s3
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": "1",
  "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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/s3
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/bPxRfiCYEXAMPLEKEY
```

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": "1",
  "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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

parameter	type	description
old_name	<i>string</i>	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
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",
  "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": "1",
  "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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/s3/test-s3
Fastly-Key: YOUR_FASTLY_TOKEN
Accept: application/json
```

Response Example

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

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

S3 Canary

Fastly will upload log messages to the S3 bucket, and in the format, specified in the S3 Canary object. This is a temporary controller to test a new S3 library and, as such, is part of a limited availability release. For more information, see our product and feature life cycle descriptions (</guides/fastly-product-lifecycle/#limited-availability>). If you would like to try it, please contact support@fastly.com (<mailto:support@fastly.com>).

Fields

field	type	description
access_key	<i>string</i>	Your S3 account access key.
bucket_name	<i>string</i>	The bucket name for S3 account.
created_at	<i>string</i>	Time-stamp (GMT) when the endpoint was created.
deleted_at	<i>string</i>	Time-stamp (GMT) when the endpoint was deleted.
domain	<i>string</i>	The domain of the Amazon S3 endpoint.
format	<i>string</i>	Apache style log formatting.
format_version	<i>integer</i>	The version of the custom logging format used for the configured endpoint. Can be either 1 (the default, version 1 log format) or 2 (the version 2 log format).
gzip_level	<i>integer</i>	What level of GZIP encoding to have when dumping logs (default 0, no compression).

field	type	description
message_type	<i>string</i>	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	<i>string</i>	The name of the s3 rule.
path	<i>string</i>	The path to upload logs to.
period	<i>integer</i>	How frequently the logs should be dumped (in seconds, default 3600).
placement	<i>string</i>	Where in the generated VCL the logging call should be placed.
redundancy	<i>string</i>	The S3 redundancy level.
response_condition	<i>string</i>	When to execute the s3. If empty, always execute.
secret_key	<i>string</i>	Your S3 account secret key.
server_side_encryption_kms_key_id	<i>string</i>	Optional server-side KMS Key Id. Must be set if server_side_encryption is set to aws:kms.
server_side_encryption	<i>string</i>	Set this to AES256 or aws:kms to enable S3 Server Side Encryption.
service_id	<i>string</i>	The alphanumeric string identifying a service.

field	type	description
timestamp_format	<i>string</i>	strftime specified timestamp formatting (default "%Y-%m-%dT%H:%M:%S.000").
updated_at	<i>string</i>	Time-stamp (GMT) when the endpoint was deleted.
version	<i>integer</i>	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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/s3canary
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": "1",
    "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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/s3canary/test-s3canary
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": "1",
  "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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/s3canary
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/bPxRfiCYEXAMPLEKEY
```

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": "1",
  "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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

parameter	type	description
old_name	<i>string</i>	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
```

```
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": "1",
  "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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/s3canary/test-s3canary
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.

Fields

field	type	description
access_key	<i>string</i>	Your Cloudfile account access key.
bucket_name	<i>string</i>	The name of your Cloudfiles container.
created_at	<i>string</i>	Time-stamp (GMT) when the endpoint was created.
deleted_at	<i>string</i>	Time-stamp (GMT) when the endpoint was deleted.
format	<i>string</i>	Apache style log formatting.
format_version	<i>integer</i>	The version of the custom logging format used for the configured endpoint. Can be either 1 (the default, version 1 log format) or 2 (the version 2 log format).
gzip_level	<i>integer</i>	What level of GZIP encoding to have when dumping logs (default 0, no compression).
message_type	<i>string</i>	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	<i>string</i>	The name of the Cloudfiles rule.
path	<i>string</i>	The path to upload logs to.
period	<i>integer</i>	How frequently the logs should be dumped (in seconds, default 3600).

field	type	description
placement	<i>string</i>	Where in the generated VCL the logging call should be placed.
response_condition	<i>string</i>	When to execute the cloudfiles. If empty, always execute.
service_id	<i>string</i>	The alphanumeric string identifying a service.
timestamp_format	<i>string</i>	The specified format of the log's timestamp.
updated_at	<i>string</i>	Time-stamp (GMT) when the endpoint was deleted.
user	<i>string</i>	The username for your Cloudfile account.
version	<i>integer</i>	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

none

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/cloudfiles
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": "2016-06-15T17:16:20+00:00",
    "deleted_at": null,
    "format": "%h %l %u %t \"%r\" %>s %b",
    "format_version": 1,
    "gzip_level": 0,
    "message_type": "classic",
    "name": "test-cloudfiles",
    "path": null,
    "period": "3600",
    "placement": null,
    "response_condition": "",
```

```
[
  {
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
    "updated_at": "2016-06-15T17:16:20+00:00",
    "user": "username",
    "version": "1"
  }
]
```

GET /service/ **service_id** /version/ **version** /logging/cloudfiles/ **name**

Get the cloudfiles for a particular service and version

Authentication

none

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/cloudfiles/test-cloudfiles
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": "2016-06-15T17:16:20+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": 1,
  "gzip_level": 0,
  "message_type": "classic",
  "name": "test-cloudfiles",
  "path": null,
  "period": "3600",
  "placement": null,
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "updated_at": "2016-06-15T17:16:20+00:00",
  "user": "username",
  "version": "1"
}
```

POST /service/ **service_id** /version/ **version** /logging/cloudfiles

Create a cloudfiles for a particular service and version

Authentication

none

Request Example

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

```
name=test-cloudfiles \
  &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": "2016-06-15T17:16:20+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": 1,
  "gzip_level": 0,
  "message_type": "classic",
  "name": "test-cloudfiles",
  "path": null,
  "period": "3600",
  "placement": null,
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "updated_at": "2016-06-15T17:16:20+00:00",
  "user": "username",
  "version": "1"
}
```

PUT /service/ **service_id** /version/ **version** /logging/cloudfiles/ **old_name**

Update the cloudfiles for a particular service and version

Authentication

none

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/cloudfiles/test-cloudfiles
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

```
{
  "access_key": "AKIAIOSFODNN7EXAMPLE",
  "bucket_name": my_corporate_bucket,
  "created_at": "2016-06-15T17:16:20+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": 1,
  "gzip_level": 0,
  "message_type": "classic",
  "name": "updated-test-cloudfiles",
  "path": null,
  "period": "3600",
  "placement": null,
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "updated_at": "2016-06-15T17:16:20+00:00",
  "user": "username",
  "version": "1"
}
```

DELETE /service/ **service_id** /version/ **version** /logging/cloudfiles/ **name**

Delete the cloudfiles for a particular service and version

Authentication

none

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/cloudfiles/test-cloudfiles
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, and in the format, specified in the FTP object.

Fields

field	type	description
address	<i>string</i>	An hostname or IPv4 address.
created_at	<i>string</i>	Time-stamp (GMT) when the endpoint was created.
deleted_at	<i>string</i>	Time-stamp (GMT) when the endpoint was deleted.
format	<i>string</i>	Apache style log formatting.
format_version	<i>integer</i>	The version of the custom logging format used for the configured endpoint. Can be either 1 (the default, version 1 log format) or 2 (the version 2 log format).
gzip_level	<i>integer</i>	What level of GZIP encoding to have when dumping logs (default 0, no compression).
hostname	<i>string</i>	Hostname used.
ipv4	<i>string</i>	IPv4 address of the host.
message_type	<i>string</i>	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	<i>string</i>	The name of the ftp endpoint.
password	<i>string</i>	The password for the server (for anonymous use an email address).
path	<i>string</i>	The path to upload log files to. If the path ends in / then it is treated as a directory.
period	<i>integer</i>	How frequently the logs should be dumped (in seconds, default 3600).

field	type	description
placement	<i>string</i>	Where in the generated VCL the logging call should be placed.
port	<i>integer</i>	The port number.
response_condition	<i>string</i>	When to execute the ftp. If empty, always execute.
service_id	<i>string</i>	The alphanumeric string identifying a service.
timestamp_format	<i>string</i>	strftime specified timestamp formatting (default "%Y-%m-%dT%H:%M:%S.000").
updated_at	<i>string</i>	Time-stamp (GMT) when the endpoint was updated.
user	<i>string</i>	The username for the server (can be anonymous).
version	<i>integer</i>	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

none

Request Example

```
GET /service/SU1z0isxPa0zGVKXdv0eY/version/1/logging/ftp
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": "1",
    "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

none

Request Example

```

GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/ftp/test-ftp
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": "1",
  "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

none

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/ftp
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
```

```
{
  "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": "1",
  "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

none

Parameters

parameter	type	description
-----------	------	-------------

old_name	<i>string</i>	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
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": "1",
  "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

none

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/ftp/test-ftp
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, and in the format, specified in the GCS object.

Fields

field	type	description
bucket_name	<i>string</i>	The bucket of the GCS bucket.
created_at	<i>string</i>	Time-stamp (GMT) when the endpoint was created.
deleted_at	<i>string</i>	Time-stamp (GMT) when the endpoint was deleted.
format	<i>string</i>	Apache style log formatting (defaults to '%h %l %u %t "%r" %>s %b').
format_version	<i>integer</i>	The version of the custom logging format used for the configured endpoint. Can be either 1 (the default, version 1 log format) or 2 (the version 2 log format).
gzip_level	<i>integer</i>	What level of GZIP encoding to have when dumping logs (default 0, no compression).
message_type	<i>string</i>	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.

field	type	description
name	<i>string</i>	The name of the GCS logging endpoint. Used as a primary key for API access.
path	<i>string</i>	The path to upload logs to (default "/").
period	<i>integer</i>	How frequently the logs should be dumped (in seconds, default 3600).
placement	<i>string</i>	Where in the generated VCL the logging call should be placed.
response_condition	<i>string</i>	When to execute the GCS logging rule. If empty, always execute.
secret_key	<i>string</i>	Your GCS account secret key. The private_key field in your service account authentication JSON.
service_id	<i>string</i>	The alphanumeric string identifying a service.
timestamp_format	<i>string</i>	strftime specified timestamp formatting (default "%Y-%m-%dT%H:%M:%S.000").
updated_at	<i>string</i>	Time-stamp (GMT) when the endpoint was updated.
user	<i>string</i>	Your GCS service account email address. The client_email field in your service account authentication JSON.
version	<i>integer</i>	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

none

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/gcs
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": "1",
    "gzip_level": 0,
    "message_type": "classic",
    "name": "my_gcs_logging",
    "path": null,
    "period": "3600",
    "placement": null,
    "response_condition": "",
    "secret_key": "-----BEGIN PRIVATE KEY-----
\nMIIEvgIBADANBgkqhkiG9w0BAQEFAASCBAKgwggSkAgEAAoIBAQC7bPG9yaIYd5AL\nnmvOaYvNozFJB/VW
S53KWB1l769kJvImgmKs6r6Xrv8w6rjxWKjZeDrnXVf7UDa0F\nnckPPIFvXRxahftWFMGARw0lIvQzgT4/B
lndXU5RNxfah/8m7q/GIF6oNYWzfJwv\nnzodxDUqIRH2e2JWidNRjElHuogYHLhV4O/od5pAkfdwak/ihu
uh/2VA3Auw3b3nph\nndX2F0JBs14oPKZUTYUUSzUQY5IMxSxYUA4Q7W4v21x1EnJt+biXOrERklrm4ieEE\nn
U3WkjR5c5gvG8xcWyYod87RNFELmIhCCytI1+t5C3Em/jPsQFtLzwHpbNhdW4oEm\nnn7d06n75AgMBAAECg
gEAWRh26lNzfOwJS5sDRlbXgu/uAnSdI1JmxC6Mhz4cVGdq\nnT57Y6DLrWuA4A4UkJYm3gorZiSXWF5PQth
AVb/bf8bxXY7nZYpEWhnc09SD5aAAq\nnREp0vMx8aWQ709K2YUJg+zDUo7u2d3YmVH8HH5TD43c7iDFJIIIs
NE3N4A0p+Nxz+\nnw06FFW+fz/etrWiNyhr1TsbkMbSgU+GpFFBqlpCd0ni5d1YM1rsaAaUpmkwdjgjL\nnoD
s+M/L/HtqfEhyZNdw8JF7EJXVE1bI17/NL0rBInhyO28FcB56t/AG5nzXKFI/c\nnc+IO7d6MOOqiGRLRWZI
tEpnyzuV8DZo46lwy1hSvqQKBgQDhSsg2cHkTrtBW8x0A\nn3BwB/ygdKkxm1OIvfioT+JBneRufUPvVIM2a
PZBBGKEedDamIGn/8f9XAHhKjs8B\nnEsPRgE206s4+hnrTcK7AeWWPvM9FDkrkQCoJFuJrNy9mJt8gs7Ann
oBa9u/J4naW\nneltfC8fUfsa7kdzblDhcRQ8FhwKBgQDU+N4kPzIdUuJDadd6TkBbjUNPEfZzU5+t\nnIike
2VSRhApXaxviUnTDsTROwJRzKik9w7gIMka8Ek+nmLNMEtds77ttcGQRdul6\nn+vT1iualicJe+/iMbl+Pi
JtFwhEHECLU9QfgBVS6r2lDA1ZA+w6nwCRIidlrObz0\nnCXXqVOzN3fwKBgAsrOuu//bClHP0ChnCreO38aU
+1/gWnDi0OnKVq0DXhAiaOzd1P\nnqAG6hZ1EkFBDMPWzq62doKv+gPgpRkfmV0DenHuYnGrrHdG3p2IxYoC
Suq/QupPA\nnPpU+xjDMhpQI30zUU4/rQq+/yDl4+aoSKYB3xAtb0Zxg6dMU8QpZ/hmnAoGBAIFu\nnIesbcQ
R708FGkMrmxZweNNrYctQ57R/WU/FImWm6OnJGNmsMO6Q2jJiT12RKKjg8\nnOxrYGz7vTfOIDOddyAiPhXP
USyyF/3uvCrIzUUsmeeUJ8xq9dVwQ5HS3pYuKVfDg\nnXYHbG4w9UJaF1A+3xEdUsYglSLouo7z/67zH9tZX
AoGBAKpsdjSd3R+llaAv2HQ8\nnGM1N92UTr5i9w++QMXq4qspH5NEYqz3NHbKuYthZqxEsRUZbRP50eDWU4
jvxFVJl\nnLBFINp6B+3AsIme0YCyOaleB/Cy0347miSinSv2I6QiH6dQxHdHrG+x1evS/76f\nnKT0KS+yS
jCAEWgg4v+mjUDUV\nn-----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

none

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/gcs/my_gcs_logging
```

```
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": "1",
  "gzip_level": 0,
  "message_type": "classic",
  "name": "my_gcs_logging",
  "path": null,
  "period": "3600",
  "placement": null,
  "response_condition": "",
  "secret_key": "-----BEGIN PRIVATE KEY-----
\nMIIEvgIBADANBgkqhkiG9w0BAQEFAASCBAQgAwgAgEAAoIBAQC7bPG9yaIYd5AL\nnmvOaYvNozFJB/VW
S53KWB1l769kJv1mgMks6r6Xrv8w6rjxWKjZeDrnXVf7UDa0F\nnckPPIFvXRxahftWFMGARw01lvQzgT4/B
lndXU5RNxfah/8m7q/GIF6oNYWzfJwv\nzodxDUQIRH2e2JWidNRjElHuogYHLhV4O/od5pAkfDwak/ihu
uh/2VA3AuwB3nph\nndX2F0JBs14oPKZUTYUUSzUQY5IMxSxYUA4Q7W4v21x1EnJt+biXOrERklrm4ieEE\nn
U3WkjR5c5gvG8xcWyYod87RNFELmIhCCytI1+t5C3Em/jPsQFtLzWHPbNhdW4oEm\nnn7d06n75AgMBAAECg
gEAWRh26lNZfOwJS5sDR1bXgu/uAnSdI1JmxC6Mhz4cVGdq\nnT57Y6DLrWuA4A4UkJYm3gorZiSXWF5PQth
AVb/bf8bxXY7nZYpEWWhnc09SD5aAAQ\nnREp0vMx8aWQ709K2YUJg+zDUo7u2d3YmVH8HH5TD43c7iDFJIIIs
NE3N4A0p+NxZ+\nw06FFW+fz/etrWiNyhr1TsbkMbSgU+GpFFBq1pCd0ni5d1YM1rsaAaUpmkwdjgjL\nnoD
s+M/L/HtqfEhyZNdW8JF7EJXVE1bI17/NL0rBIhnyO28FcB56t/AG5nzXKFI/c\nnc+IO7d6MOOqiGRLRWZI
tEpnyzuV8DZo461wy1hSvqQKBgQDhSsg2cHkTrtBW8x0A\nn3BwB/ygdkkxm1OIvfioT+JBneRufUPvVIM2a
PZBBGKEedDAMIgn/8f9XAHhKjs8B\nnEsPRgE206s4+hnrTcK7AeWWPvM9FDkrkQCoJFuJrNy9mJt8gs7Ann
oBa9u/J4naW\nne1tfC8fUfsa7kdzblDhcRQ8FhwKBgQDU+N4kPzIdUuJDadd6TkBbjUNPEfZzU5+t\nnIike
2VSRhApXAxviUnTDsTROWJRzKik9w7gIMka8Ek+nmLNMEtds77ttcGQRdul6\nn+vT1iualicJe+/iMbl+Pi
JtFwHEHECLU9QfgBVS6r2lDAlZA+w6nwCRiidlrObzO\nnCXXqVOzN3fwKBgAsrOuu//bClHP0ChnCReO38aU
+1/gWnDi0OnKVq0DXhAiaOzD1P\nnqAG6hZ1EkFBDMPWzq62doKv+gPgpRkfmV0DenHuYnGrrHdG3p2IxYoC
Suq/QupPA\nnPpU+xjDMhpQI30zUu4/rQq+/yDl4+aoSKYB3xAtb0Zxg6dMU8QpZ/hmnAoGBAIFu\nnIesbcQ
R7O8FGkMrmxZweNNrYctQ57R/WU/FImWm6OnJGNmsMO6Q2jJiT12RKKjg8\nnOxrYGz7vTfOIDOddyAiPhXP
USyyF/3uvCrIzUUsmeeUJ8xq9dVwQ5HS3pYkVfDg\nnXYHbG4w9UJaF1A+3xEdUsYglSLouo7z/67zH9tZX
AoGBAKpsdjSd3R+llaAv2HQ8\nnGM1N92UTr5i9w++QMxq4qspH5NEYqz3NHbKuYthZqxEsRUZbRP50eDWU4
jvxFVJl\nnLBFINp6B+3AsIme0YCyOaleB/Cy0347miSinSv2I6QiH6dQxHdHzrG+x1evS/76f\nnKT0KS+yS
jCAEWgg4v+mjUDUV\nn-----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

none

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/gcs
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&secret_key=-----BEGIN
PRIVATE KEY-----
\nMIIEvgIBADANBgkqhkiG9w0BAQEFAASCBCgwwgSkAgEAAoIBAQC7bPG9yaIYd5AL\nnmvOaYvNozFJB/VW
S53KWB1l769kJvImgMks6r6Xrv8w6rjxWKjZeDrnXVf7UDa0F\nckPPIFvXRahftWFMGARw01lvQzgT4/B
lndXU5RNxfah/8m7q/GIF6oNYWzfJwvv\nzodxDUqIRH2e2JWidNRjElHuogYHLhV4O/od5pAkfdwak/ihu
uh/2VA3Auw3nph\nndX2F0JBs14oPKZUTYUUSzUQY5IMxSxYUA4Q7W4v21x1EnJt+biXOrERklrm4ieEE\n
U3WkjR5c5gvG8xcWyYod87RNFELmIhCCytI1+t5C3Em/jPsQFtLzwHpbNhdW4oEm\nnn7d06n75AgMBAAECg
gEAWRh26lNZfOwJS5sDR1bXgu/uAnSdI1JmxC6Mhz4cVGdq\nnT57Y6DLrWuA4A4UkJYm3gorZiSXWF5PQth
AVb/bf8bxXY7nZYPeWhnc09SD5aAAq\nnREp0vMx8aWQ709K2YUJg+zDUo7u2d3YmVH8HH5TD43c7iDFJIIs
NE3N4A0p+NxZ+\nw06FFW+fz/etrWiNyhr1TsbkMbSgU+GpFFBq1pCd0ni5d1YM1rsaAaUpmkwdjgjL\nnoD
s+M/L/HtqfEhyZNdW8JF7EJXVE1bI17/NL0rBInhyO28FcB56t/AG5nzXKFI/c\nc+IO7d6MOOqiGRLRWZI
tEpnyzuV8DZo461wylhSvqQKBgQDhSsg2cHkTrtBW8x0A\nn3BwB/ygdkkxm1OIvfioT+JBneRufUPvVIM2a
PZBBGKEedDAMIgn/8f9XAHhKjs8B\nnEsPrGE206s4+hnrTcK7AeWWPvM9FDkrkQCoJFuJrNy9mJt8gs7Ann
oBa9u/J4naW\nne1tfc8fUfsa7kdzblDhcRQ8FhwKBgQDU+N4kPzIdUuJDadd6TkBbjUNPEfZzU5+t\nnIike
2VSRhApXAxviUnTDsTROwJRzKik9w7gIMka8Ek+nmLNMEtds77ttcGQRdul6\nn+vT1iualicJe+/iMbl+Pi
JtFwHEHECLU9QfgBVS6r2lDAlZA+w6nWCriidlrObzO\nnCXXqVOzN3fwKBgAsrOuu//bCLHP0ChnCRo38aU
+1/gWnDi0OnKVq0DXhAiaOzD1P\nnqAG6hZlEkFBDMPWzq62doKv+gPgpRkfmV0DenHuYnGrrHdG3p2IxYoC
Suq/QupPA\nnPpU+xjDMhpQI30zUU4/rQq+/yDl4+aoSKYB3xAtb0Zxg6dMU8QpZ/hmnaoGBAIFu\nnIesbcQ
R7O8FGkMrmxZweNNrYctQ57R/WU/FImWm6OnJGNmsMO6Q2jJiT12RKKjg8\nnOxryGz7vTfOIDOddyAiPhXP
USyyF/3uvCrIzUUsmeeUJ8xq9dVwQ5HS3pYkVfDg\nnXYHbG4w9UJaF1A+3xEdUsYglSLouo7z/67zH9tZX
AoGBAKpsdjSd3R+1laAv2HQ8\nnGM1N92UTr5i9w++QMxq4qspH5NEYqz3NHbKuYthZqxEsRUZbRP50eDWU4
jvxFVJl\nnLBFINp6B+3AsIme0YCyOaleB/Cy0347miSinSv2I6QiH6dQxHdHrG+x1evS/76f\nnKT0KS+yS
jCAEWgg4v+mjUDUV\nn-----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": "1",
  "gzip_level": 0,
  "message_type": "classic",
  "name": "my_gcs_logging",
  "path": null,
  "period": "3600",
  "placement": null,
  "response_condition": "",
  "secret_key": "-----BEGIN PRIVATE KEY-----
\nMIIEvgIBADANBgkqhkiG9w0BAQEFAASCBCgwwgSkAgEAAoIBAQC7bPG9yaIYd5AL\nnmvOaYvNozFJB/VW
S53KWB1l769kJvImgMks6r6Xrv8w6rjxWKjZeDrnXVf7UDa0F\nckPPIFvXRahftWFMGARw01lvQzgT4/B
lndXU5RNxfah/8m7q/GIF6oNYWzfJwvv\nzodxDUqIRH2e2JWidNRjElHuogYHLhV4O/od5pAkfdwak/ihu
uh/2VA3Auw3nph\nndX2F0JBs14oPKZUTYUUSzUQY5IMxSxYUA4Q7W4v21x1EnJt+biXOrERklrm4ieEE\n
U3WkjR5c5gvG8xcWyYod87RNFELmIhCCytI1+t5C3Em/jPsQFtLzwHpbNhdW4oEm\nnn7d06n75AgMBAAECg
gEAWRh26lNZfOwJS5sDR1bXgu/uAnSdI1JmxC6Mhz4cVGdq\nnT57Y6DLrWuA4A4UkJYm3gorZiSXWF5PQth
AVb/bf8bxXY7nZYPeWhnc09SD5aAAq\nnREp0vMx8aWQ709K2YUJg+zDUo7u2d3YmVH8HH5TD43c7iDFJIIs
NE3N4A0p+NxZ+\nw06FFW+fz/etrWiNyhr1TsbkMbSgU+GpFFBq1pCd0ni5d1YM1rsaAaUpmkwdjgjL\nnoD
s+M/L/HtqfEhyZNdW8JF7EJXVE1bI17/NL0rBInhyO28FcB56t/AG5nzXKFI/c\nc+IO7d6MOOqiGRLRWZI
tEpnyzuV8DZo461wylhSvqQKBgQDhSsg2cHkTrtBW8x0A\nn3BwB/ygdkkxm1OIvfioT+JBneRufUPvVIM2a
PZBBGKEedDAMIgn/8f9XAHhKjs8B\nnEsPrGE206s4+hnrTcK7AeWWPvM9FDkrkQCoJFuJrNy9mJt8gs7Ann
oBa9u/J4naW\nne1tfc8fUfsa7kdzblDhcRQ8FhwKBgQDU+N4kPzIdUuJDadd6TkBbjUNPEfZzU5+t\nnIike
2VSRhApXAxviUnTDsTROwJRzKik9w7gIMka8Ek+nmLNMEtds77ttcGQRdul6\nn+vT1iualicJe+/iMbl+Pi
```

```
JtFwhEHECLU9QfgBVS6r2lDA1ZA+w6nwCRiidlrObzO\nCXqVOzN3fwKBgAsrOuu//bClHP0ChnCRE038aU
+1/gWnDiOOnKVq0DXhAiaOzD1P\nqAG6hZ1EkFBDMPWzq62doKv+gPgpRkfmV0DenHuYnGrrHdG3p2IxYoC
Suq/QupPA\nPpU+xjDMhpQI30zuu4/rQq+/yDl4+aoSKYB3xAtb0Zxg6dMU8QpZ/hmnAoGBAIFu\nIesbcQ
R7O8FGkMrmxZweNNrYCTQ57R/WU/FImWm6OnJGNmsMO6Q2jJiT12RKKjg8\nOxrYGz7vTfOIDoddyAiPhXP
USyyF/3uvCrIzUUsmeeUJ8xq9dVwQ5HS3pYuKVfDg\nXYHbG4w9UJaF1A+3xEdUsYglSLouo7z/67zH9tZX
AoGBAKpsdjSd3R+1laAv2HQ8\nnGM1N92UTr5i9w++QMXq4qspH5NEYqz3NHbKuYthZqxEsRUZbRP50eDWU4
jvxFVJl\nLBFINp6B+3AsIme0YCyOaleB/Cy0347miSinSv2I6QiH6dQxHdHzrG+xlevS/76f\nnKT0KS+yS
jCAEWgg4v+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

none

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
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
```

```
{
  "name": "my_new_gcs_name",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "bucket_name": "my_log_bucket",
  "user": "1447182772-deadbeef479374nnphvhodh4nlp@developer.gserviceaccount.com",
  "secret_key": "-----BEGIN PRIVATE KEY-----
\nMIIEvgIBADANBgkqhkiG9w0BAQEFAASCBKgwggSkAgEAAoIBAQC7bPG9yaIYd5AL\nnmvOaYvNozFJB/VW
S53KWB1l769kJvImgMks6r6Xrv8w6rjxWKjZeDrnXVf7UDa0F\nnckPPIFvXRxahftWFMGArw0lIvQzgT4/B
lndXU5RNxfah/8m7q/GIF6oNYWzfJwvv\nnzodxDUqIRH2e2JWidNRjElHuogYHLhV4O/od5pAkfDwak/ihu
uh/2VA3Auw3nph\nndX2F0JBs14oPKZUTYUUSzUQY5IMxSxYUA4Q7W4v21x1EnJt+biXOrERklrm4ieEE\nn
U3WkjR5c5gvG8xcWyYod87RNFELmIhCCytI1+t5C3Em/jPsQFtLzwhPbNhdW4oEm\nnn7d06n75AgMBAAECg
gEAWRh261NZfOwJS5sDR1bXgu/uAnSdI1JmxC6Mhz4cVGdq\nnT57Y6DLrWuA4A4UkJYm3gorZiSXWF5PQth
```

```

AVb/bf8bxXY7nZYpEWhnc09SD5aAAq\nRep0vMx8aWQ709K2YUJg+zDUo7u2d3YmVH8HH5TD43c7iDFJIIIs
NE3N4A0p+NxZ+\nw06FFW+fz/etrWiNyhr1TsbkMbSgU+GpFFBq1pCd0ni5d1YM1rsaAaUpmkwdjgjL\noD
s+M/L/HtqfEhyZNdw8JF7EJXVE1bI17/NL0rBInhyO28FcB56t/AG5nzXKFI/c\nc+IO7d6MOOqiGRLRWZI
tEpnzyuV8DZo461wylhSvqQKBgQDhSsg2cHkTrtBW8x0A\n3BwB/ygdkkxm10IvfioT+JBneRufUPvVIM2a
PZBBGKEedDAmIGn/8f9XAHhKjs8B\nEsPRgE206s4+hnrTcK7AeWWPvM9FDkrkQCoJFuJrNy9mJt8gs7Ann
oBa9u/J4naW\neltfC8fUfsa7kdzblDhcRQ8FhwKBgQDU+N4kPzIdUuJDadd6TkBbjUNPEfZzU5+t\nIike
2VSRhApXAxviUnTDsTRowJRzKik9w7gIMka8Ek+nmLNMEtds77ttcGQRdul6\n+vTliualiCJe+/iMbl+Pi
JtFwhEHECLU9QfgBVS6r2lDALZA+w6nwCriadlrObzO\nCXqVOzN3fwKBgAsrOuu//bClHP0ChnCREO38aU
+1/gWnDiOOOnKVq0DXhAiaOzD1P\nqAG6hZ1EkFBDMPWzq62doKv+gPgpRkfmV0DenHuYnGrrHdG3p2IxYoC
Suq/QupPA\nPpU+xjDMhpQI30zuu4/rQq+/yDl4+aoSKYB3xAtb0Zxg6dMU8QpZ/hmnAoGBAIFu\nIesbcQ
R7O8FGkMrmxZweNNrYctQ57R/WU/FImWm6OnJGNmsMO6Q2jJiT12RKKjg8\nOxrYGz7vTfOIDOddyAiPhXP
USyyF/3uvCrIzUUsmeeUJ8xq9dVwQ5HS3pYuKVfDg\nXYHbG4w9UJaF1A+3xEdUsYglSLouo7z/67zH9tZX
AoGBAKpsdjSd3R+1laAv2HQ8\nnGM1N92UTr5i9w++QMXq4qspH5NEYqz3NHbKuYthZqxEsRUZbRP50eDWU4
jvxFVJl\nLBFINp6B+3AsIme0YCyOaleB/Cy0347miSinSv2I6QiH6dQxHdHrG+x1evS/76f\nnKT0KS+yS
jCAEWgg4v+mjUDUV\n-----END PRIVATE KEY-----\n",
  "path": "",
  "response_condition": "",
  "format": "%h %l %u %t \"%r\" %>s %b",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000"
}

```

DELETE /service/ **service_id** /version/ **version** /logging/gcs/ **name**

Delete the GCS Logging for a particular service and version

Authentication

none

Request Example

```

DELETE /service/SU1Z0isxPaozGVKXdV0eY/version/1/logging/gcs/my_gcs_logging
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, and in the format, specified in the logshuttle object.

Fields

field	type	description
-------	------	-------------

created_at	<i>string</i>	Time-stamp (GMT) when the endpoint was created.
deleted_at	<i>string</i>	Time-stamp (GMT) when the endpoint was deleted.
format	<i>string</i>	Apache style log formatting.
format_version	<i>integer</i>	The version of the custom logging format used for the configured endpoint. Can be either 1 (the default, version 1 log format) or 2 (the version 2 log format).
name	<i>string</i>	The name of the Log Shuttle rule.
placement	<i>string</i>	Where in the generated VCL the logging call should be placed.
response_condition	<i>string</i>	When to execute the logshuttle. If empty, always execute.
service_id	<i>string</i>	The alphanumeric string identifying a service.
token	<i>string</i>	The data authentication token associated with this endpoint.
updated_at	<i>string</i>	Time-stamp (GMT) when the endpoint was updated.
url	<i>string</i>	Your Log Shuttle endpoint url.
version	<i>integer</i>	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

none

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logshuttle
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": 1,
    "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

none

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logshuttle/test-logshuttle
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": 1,
  "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

none

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logshuttle
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": 1,
  "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

none

Parameters

parameter	type	description
old_name	<i>string</i>	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
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": 1,
  "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

none

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logshuttle/test-logshuttle
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, and in the format specified in the Logentries object.

Fields

field	type	description
created_at	<i>string</i>	Time-stamp (GMT) when the endpoint was created.
deleted_at	<i>string</i>	Time-stamp (GMT) when the endpoint was deleted.
format	<i>string</i>	Apache style log formatting.
format_version	<i>integer</i>	The version of the custom logging format used for the configured endpoint. Can be either 1 (the default, version 1 log format) or 2 (the version 2 log format).
name	<i>string</i>	The name of the logentries rule.
placement	<i>string</i>	Where in the generated VCL the logging call should be placed.
port	<i>integer</i>	The port number.
response_condition	<i>string</i>	When to execute the logentry. If empty, always execute.
service_id	<i>string</i>	The alphanumeric string identifying a service.
token	<i>string</i>	Use token based authentication (https://logentries.com/doc/input-token/).
updated_at	<i>string</i>	Time-stamp (GMT) when the endpoint was updated.
use_tls	<i>boolean</i>	Whether to use TLS for secure logging.
version	<i>integer</i>	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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logentries
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": "1",
    "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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logentries/test-logentries
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": "1",
  "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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logentries
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": "1",
  "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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

parameter	type	description
old_name	<i>string</i>	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
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": "1",
  "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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logentries/test-logentries
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, and in the format specified in the Loggly object. This feature is part of a limited availability release. For more information, see our product and feature life cycle descriptions (</guides/fastly-product-lifecycle/#limited-availability>). If you would like to try it, please contact support@fastly.com (<mailto:support@fastly.com>).

Fields

field	type	description
name	<i>string</i>	The name of the loggly rule.
format	<i>string</i>	Apache style log formatting.
format_version	<i>integer</i>	The version of the custom logging format used for the configured endpoint. Can be either 1 (the default, version 1 log format) or 2 (the version 2 log format).
token	<i>string</i>	The token to use for authentication (https://www.loggly.com/docs/customer-token-authentication-token/ (https://www.loggly.com/docs/customer-token-authentication-token/)).
response_condition	<i>string</i>	When to execute the loggly. If empty, always execute.
placement	<i>string</i>	Where in the generated VCL the logging call should be placed.

Actions

GET /service/ **service_id** /version/ **version** /logging/loggly/ **name**

Get the Loggly for a particular service and version

Authentication

none

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/loggly/test-loggly
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": "1",
  "token": "deadbeef",
  "placement": null,
}
```

GET /service/ **service_id** /version/ **version** /logging/loggly

List all of the Logglies for a particular service and version

Authentication

none

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/loggly
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": "1",
    "token": "deadbeef",
    "placement": null,
  }
]
```

POST /service/ **service_id** /version/ **version** /logging/loggly

Create a Loggly for a particular service and version

Authentication

none

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/loggly
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": "1",
  "token": "deadbeef",
  "placement": null,
}
```

PUT /service/ **service_id** /version/ **version** /logging/loggly/ **old_name**

Update the Loggly for a particular service and version

Authentication

none

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/loggly/test-loggly
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": "1",
  "token": "deadbeef"
  "placement": null,
}
```

DELETE /service/ **service_id** /version/ **version** /logging/loggly/ **name**

Delete the Loggly for a particular service and version

Authentication

none

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/loggly/test-loggly
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, and in the format specified in the Heroku object. This feature is part of a limited availability release. For more information, see our product and feature life cycle descriptions (</guides/fastly-product-lifecycle/#limited-availability>). If you would like to try it, please contact support@fastly.com (<mailto:support@fastly.com>).

Fields

field	type	description
name	<i>string</i>	The name of the heroku rule.
format	<i>string</i>	Apache style log formatting.
format_version	<i>integer</i>	The version of the custom logging format used for the configured endpoint. Can be either 1 (the default, version 1 log format) or 2 (the version 2 log format).

field	type	description
placement	<i>string</i>	Where in the generated VCL the logging call should be placed.
token	<i>string</i>	The token to use for authentication (https://devcenter.heroku.com/articles/add-on-provider-log-integration (https://devcenter.heroku.com/articles/add-on-provider-log-integration)).
url	<i>string</i>	The url to stream logs to.
response_condition	<i>string</i>	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

none

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/heroku/test-heroku
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": "1",
  "placement": null,
  "token": "deadbeef",
  "url": "https://1.us.logplex.io/logs"
}
```

GET /service/ **service_id** /version/ **version** /logging/heroku

List all the Herokus for a particular service and version

Authentication

none

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/heroku
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": "1",
    "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

none

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/heroku
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
```

```
{
  "name": "test-heroku",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "response_condition": "",
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "1",
```

```
"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

none

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/heroku/test-heroku  
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
```

```
{  
  "name": "updated-heroku",  
  "service_id": "SU1Z0isxPaozGVKXdv0eY",  
  "version": "1",  
  "response_condition": "",  
  "format": "%h %l %u %t \"%r\" %>s %b",  
  "format_version": "1",  
  "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

none

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/heroku/test-heroku  
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, and in the format, specified in the openstack object.

Fields

field	type	description
access_key	<i>string</i>	Your OpenStack account access key.
bucket_name	<i>string</i>	The name of your OpenStack container.
created_at	<i>string</i>	Time-stamp (GMT) when the endpoint was created.
deleted_at	<i>string</i>	Time-stamp (GMT) when the endpoint was deleted.
format	<i>string</i>	Apache style log formatting.
format_version	<i>integer</i>	The version of the custom logging format used for the configured endpoint. Can be either 1 (the default, version 1 log format) or 2 (the version 2 log format).
gzip_level	<i>integer</i>	What level of GZIP encoding to have when dumping logs (default 0, no compression).
message_type	<i>string</i>	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.

field	type	description
name	<i>string</i>	The name of the OpenStack rule.
path	<i>string</i>	The path to upload logs to.
period	<i>integer</i>	How frequently the logs should be dumped (in seconds, default 3600).
placement	<i>string</i>	Where in the generated VCL the logging call should be placed.
response_condition	<i>string</i>	When to execute the openstack. If empty, always execute.
service_id	<i>string</i>	The alphanumeric string identifying a service.
timestamp_format	<i>string</i>	strftime specified timestamp formatting (default "%Y-%m-%dT%H:%M:%S.000").
updated_at	<i>string</i>	Time-stamp (GMT) when the endpoint was updated.
url	<i>string</i>	Your OpenStack auth url.
user	<i>string</i>	The username for your OpenStack account.
version	<i>integer</i>	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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/openstack
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": "1",
    "gzip_level": "0",
    "message_type": "classic",
    "name": "test-openstack",
    "path": "",
    "period": "3600",
    "placement": 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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/openstack/test-openstack
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": "1",
  "gzip_level": "0",
  "message_type": "classic",
  "name": "test-openstack",
  "path": "",
  "period": "3600",
  "placement": 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 an openstack for a particular service and version

Authentication

API token (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/openstack
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": "1",
  "gzip_level": "0",
  "message_type": "classic",
  "name": "test-openstack",
  "path": "",
  "period": "3600",
  "placement": 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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

parameter	type	description
old_name	<i>string</i>	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
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

{
  "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": "1",
  "gzip_level": "0",
  "message_type": "classic",
  "name": "updated-test-openstack",
  "path": "",
  "period": "3600",
  "placement": 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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/openstack/test-openstack
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, and in the format specified in the Papertrail object.

Fields

field	type	description
address	<i>string</i>	An hostname or IPv4 address.
created_at	<i>string</i>	Time-stamp (GMT) when the endpoint was created.
deleted_at	<i>string</i>	Time-stamp (GMT) when the endpoint was deleted.
format	<i>string</i>	Apache style log formatting.
format_version	<i>integer</i>	The version of the custom logging format used for the configured endpoint. Can be either 1 (the default, version 1 log format) or 2 (the version 2 log format).
name	<i>string</i>	The name of the papertrail rule.
placement	<i>string</i>	Where in the generated VCL the logging call should be placed.

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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/papertrail
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": "1",
    "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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/papertrail/test-papertrail
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": "1",
  "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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/papertrail
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
```

```
{
  "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": "1",
  "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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

parameter	type	description
old_name	<i>string</i>	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
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": "1",
  "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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/papertrail/test-papertrail
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, and in the format specified in the Scalyr object.

Fields

field	type	description
name	<i>string</i>	The name of the scalyr rule.
format	<i>string</i>	Apache style log formatting.
format_version	<i>integer</i>	The version of the custom logging format used for the configured endpoint. Can be either 1 (the default, version 1 log format) or 2 (the version 2 log format).

field	type	description
token	<i>string</i>	The token to use for authentication (https://www.scalyr.com/keys (https://www.scalyr.com/keys)).
response_condition	<i>string</i>	When to execute the scalyr. If empty, always execute.
placement	<i>string</i>	Where in the generated VCL the logging call should be placed.

Actions

GET /service/ **service_id** /version/ **version** /logging/scalyr/ **name**

Get the Scalyr for a particular service and version

Authentication

API token (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/scalyr/test-scalyr
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": "1",
  "token": "deadbeef"
}
```

GET /service/ **service_id** /version/ **version** /logging/scalyr

List all of the Scalys for a particular service and version

Authentication

API token (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/scalyr
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": "1",
    "token": "deadbeef"
  }
]
```

POST /service/ **service_id** /version/ **version** /logging/scalyr

Create a Scalyr for a particular service and version

Authentication

API token (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/scalyr
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": "1",
  "token": "deadbeef"
}
```

PUT /service/ **service_id** /version/ **version** /logging/scalyr/ **old_name**

Update the Scalyr for a particular service and version

Authentication

API token (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/scalyr/test-scalyr
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": "1",
  "token": "deadbeef"
}
```

DELETE /service/ **service_id** /version/ **version** /logging/scalyr/ **name**

Delete the Scalyr for a particular service and version

Authentication

API token (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/scalyr/test-scalyr
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, and in the format, specified in the Sumologic object.

Fields

field	type	description
created_at	<i>string</i>	Time-stamp (GMT) when the endpoint was created.
deleted_at	<i>string</i>	Time-stamp (GMT) when the endpoint was deleted.
format	<i>string</i>	Apache style log formatting.
format_version	<i>integer</i>	The version of the custom logging format used for the configured endpoint. Can be either 1 (the default, version 1 log format) or 2 (the version 2 log format).
message_type	<i>string</i>	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	<i>string</i>	The name of the sumologic rule.
placement	<i>string</i>	Where in the generated VCL the logging call should be placed.
response_condition	<i>string</i>	When to execute the sumologic. If empty, always execute.
url	<i>string</i>	The URL to POST to.

field	type	description
version	<i>integer</i>	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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/sumologic
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": "1",
    "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 (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/sumologic/test-sumologic
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": "1",
  "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 (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/sumologic
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": "1",
  "message_type": "classic",
  "name": "test-sumologic",
  "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"
}
```

PUT /service/ **service_id** /version/ **version** /logging/sumologic/ **old_name**

Update the Sumologic for a particular service and version

Authentication

API token (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

parameter	type	description
old_name	<i>string</i>	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
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": "1",
  "message_type": "classic",
  "name": "updated-test-sumologic",
  "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"
}
```

DELETE /service/ **service_id** /version/ **version** /logging/sumologic/ **name**

Delete the Sumologic for a particular service and version

Authentication

API token (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/sumologic/test-sumologic
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, and in the format, specified in the Syslog object.

Fields

field	type	description
address	<i>string</i>	A hostname or IPv4 address.
created_at	<i>string</i>	Time-stamp (GMT) when the endpoint was created.
deleted_at	<i>string</i>	Time-stamp (GMT) when the endpoint was deleted.
format	<i>string</i>	Apache style log formatting.
format_version	<i>integer</i>	The version of the custom logging format used for the configured endpoint. Can be either 1 (the default, version 1 log format) or 2 (the version 2 log format).
hostname	<i>string</i>	The hostname used for the syslog endpoint.

field	type	description
ipv4	<i>string</i>	The IPv4 address used for the syslog endpoint.
message_type	<i>string</i>	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	<i>string</i>	The name of the syslog rule.
placement	<i>string</i>	Where in the generated VCL the logging call should be placed.
port	<i>integer</i>	The port number.
response_condition	<i>string</i>	When to execute the syslog. If empty, always execute.
service_id	<i>string</i>	The alphanumeric string identifying a service.
tls_ca_cert	<i>string</i>	A secure certificate to authenticate the server with.
tls_hostname	<i>string</i>	Used during the TLS handshake to validate the certificate.
token	<i>string</i>	Whether to prepend each message with a specific token.
updated_at	<i>string</i>	Time-stamp (GMT) when the endpoint was updated.
use_tls	<i>boolean</i>	Whether to use TLS for secure logging.
version	<i>integer</i>	The current version of a service.

Actions

GET /service/ **service_id** /version/ **version** /syslog

List all of the Syslogs for a particular service and version

Authentication

API token (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/syslog
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": 1,
    "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** /syslog/ **name**

Get the Syslog for a particular service and version

Authentication

API token (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/syslog/test-syslog
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": 1,
  "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** /syslog

Create a Syslog for a particular service and version

Authentication

API token (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/syslog
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": 1,
  "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** /syslog/ **old_name**

Update the Syslog for a particular service and version

Authentication

API token (/api/auth#tokens) of a user with at least `Engineer` permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

parameter	type	description
old_name	<i>string</i>	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/syslog/test-syslog
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": 1,
  "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** /syslog/ **name**

Delete the Syslog for a particular service and version

Authentication

API token (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

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

Response Example

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

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

Utilities (/api/tools)

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

Authentication

API token (/api/auth#tokens) of a user with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

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
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=EUmHJvt3XCJP2hZmlzWCvVNzOHq5Wb1;Path=/",
          "SS_MID=7b22de59-a0ca-4d2f-aea2-dbe337990ba3ip466npy;Path=/;Domain=.example.com;Expires=Thu, 04-Jun-2026 15:26:05 GMT"
        ],
        "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"
  },
]
```

]

Datcenter

List Fastly datcenters and their locations.

Actions

GET /datcenters

Get a list of all Fastly datcenters.

Authentication

API token (/api/auth#tokens).

Request Example

```
GET /datcenters
```

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
```

Response Example

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

```
[
  {
    "actions": [
      {
        "authentication": "key_or_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,",
          "    \"error_threshold\": 0,",
          "    \"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.",
    "error_threshold Integer. Number of errors to allow before the backend is
    marked as down.",
    "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 the network.",
    "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 all.",
    "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	<i>string</i>	The subject to search for.

Request Example

```
GET /docs/subject/:subject
```

Response Example

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

```
{
  "actions": [
    {
      "authentication": "key_or_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,",
        "    \"error_threshold\": 0,",
        "    \"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.",
    "error_threshold Integer. Number of errors to allow before the backend is marked as down.",
    "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 the network.",
    "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 all.",
    "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 return of everything that does not match the given regular_expression

Authentication

none

Parameters

parameter	type	description
section	<i>string</i>	The subject to search for.
invert	<i>boolean</i>	Get everything that does not match section

Request Example

```
GET /docs/section/:section
```

Response Example

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

{
  "actions": [
    {
      "authentication": "key_or_engineer",
      "description": [
        "List all backends for a particular service and version."
      ],
      "http_method": "GET",
      "request": [
        "GET /service/SU1Z0isxPa0zGVKXdv0eY/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,",
    "   \"error_threshold\": 0,",
    "   \"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.",
    "error_threshold Integer. Number of errors to allow before the backend is marked as down.",
    "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 the network.",
    "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 all.",
    "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 whitelist Fastly's services through your firewall, we provide access to the list of Fastly's assigned IP ranges.

Actions

GET /public-ip-list

List public IP addresses for Fastly network

Authentication

none

Request Example

```

GET /public-ip-list
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",  
  "202.21.128.0/24",  
  "203.57.145.0/24"  
]  
}
```


