API (/api/)

Account (/api/account)

Audit Logs

Event logs used to audit actions performed by customers. Events can be filtered by user_id, service_id, customer_id and event_type.

Fields

- **created_at** - The created_at date and time of the users (ISO 8601) format
- **description** - Description of the event
- **event_type** - Type of event. Can be used with `filter[event_type]`. 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
- 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
- response_object.create
- response_object.delete
- response_object.update
- service.move
- service.move_destination
- service.move_source
- service.purge_all
- two_factor_auth.disable
- two_factor_auth.enable
- user.destroy
- user.lock
- user.login
- user.login_failure
- user.logout
- user.password_update
- user.unlock
- user.update
- vcl.create
- vcl.delete
- vcl.update
- version.activate
- version.copy
- version.copy_destination
- version.copy_source
- version.deactivate
- version.lock
- wordpress.create
- wordpress.delete
- wordpress.update

- **ip** - IP address(es) that the event was requested from
- **metadata** - Hash of key value pairs of additional information
- **customer_id** - ID of the customer who performed the event
- **service_id** - ID of the service that the event was performed on
- **user_id** - ID of the user that performed the event
- **admin** - Boolean that indicates if event was performed by Fastly

### Actions

**GET /events**

List all events for a particular customer

### Authentication

API key ([/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key](https://docs.fastly.com/api/)) or session cookie ([/api/auth](https://docs.fastly.com/api/)).

### Parameters

- **filter[customer_id]** - Limit the returned events to a specific customer.
- **filter[service_id]** - Limit the returned events to a specific service.
- **filter[event_type]** - Limit the returned events to a specific event type. See above for event codes.
- **filter[user_id]** - Limit the returned events to a specific user.
- **page[number]** - Pagination page number.
- **page[size]** - Number of items to return on each paginated page.

### Request Example

```plaintext
GET /events?
filter[customer_id]=x4xCwxxJxGCx123Rx5xTx&page[number]=1&page[size]=1
Fastly-Key: d3cafe4de4de4beef
Accept: application/vnd.api+json
```

### Response Example

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

{
  "data": [
    {
      "id": "6mYw4hVPtebG3WqrmLWKck",
      "type": "event",
      "attributes": {
        "customer_id": "x4xCwxxJxGCx123Rx5xTx",
        "description": "User One logged in",
        "event_type": "user.login",
        "ip": "127.0.0.0",
        "metadata": {},
        "service_id": null,
```
GET /events/ event_id

Get a specific event

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth).

Request Example

GET /events/3vHMIphhVZuTxPZQ9vKx8H
Fastly-Key: d3cafb4dde4dbee6
Accept: application/vnd.api+json

Response Example

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

{ "data": {
   "id": "3vHMIphhVZuTxPZQ9vKx8H",
   "type": "event",
   "attributes": {
      "customer_id": "x4xCwxxJxGCx123Rx5xTx",
      "description": "Purge all was performed",
      "event_type": "service.purge_all",
      "ip": "127.0.0.0",
      "metadata": {},
      "service_id": "12tzzfMGAc4w9NunvWXfo6",
      "user_id": "ec8unXZv8tPwLEDskb6",
      "created_at": "2015-12-22T22:23:22Z",
      "admin": false
   }
}}
Billing

Get information on current and past bills.

Fields

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

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

Get the invoice for a given year and month.

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Billing permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

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

Response Example

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

"invoice_id": "6xgTD77CFjVsa958dxMRiX",
"start_time": "2012-01-01T00:00:00Z",
"end_time": "2012-01-31T23:59:59Z",
"status": {
  "status": "Outstanding",
  "sent_at": "2012-02-01T00:26:07+00:00"
},
"total": {
  "plan_name": "friends",
  "plan_code": "friends",
  "plan_minimum": 0.0,
  "bandwidth": 149.4003043212,
  "bandwidth_units": "GB",
  "bandwidth_cost": 17.928036518544001,
  "requests": 136350306.0,
  "requests_cost": 102.5957181,
  "incurred_cost": 120.523754618544,
  "overage": 120.523754618544,
  "extras": [
    {
      "name": "EV Certificate Hosting"
    }]
},
"extras_cost": 100.0,
"cost_before_discount": 220.52375461854399,
"discount": 54.653411296675401,
"cost": 100.0,
"terms": "Net15"
},
"regions": {
```
"europe": {
  "requests": {
    "tiers": [
      {
        "units": 0.0,
        "price": 0.012,
        "total": 0.0,
        "name": "per 10,000 HTTPS requests"
      },
      {
        "units": 221.9924,
        "price": 0.00899999999999993,
        "total": 1.9979316,
        "name": "per 10,000 HTTP requests"
      }
    ],
    "total": 1.9979316
  },
  "total": 1.9979316
},
"cost": 3.1379692540795001,
"bandwidth": {
  "tiers": [
    {
      "units": 9.5003137839958107,
      "price": 0.12,
      "total": 1.1400376540795001,
      "name": "first 10TB"
    }
  ],
  "total": 1.1400376540795001
},
"australia": {
  "requests": {
    "tiers": [
      {
        "units": 0.0,
        "price": 0.012,
        "total": 0.0,
        "name": "per 10,000 HTTPS requests"
      },
      {
        "units": 0.0,
        "price": 0.00899999999999993,
        "total": 0.0,
        "name": "per 10,000 HTTP requests"
      }
    ],
    "total": 0.0
  },
  "cost": 0.0,
  "bandwidth": {
    "tiers": [
      {
        "units": 0.0,
        "price": 1.0,
        "total": 0.0,
        "name": "first 10TB"
      }
    ],
    "total": 0.0
  }
}
"total": 0.0
},
"asia": {
  "requests": {
    "tiers": [
      {
        "units": 0.0,
        "price": 0.012,
        "total": 0.0,
        "name": "per 10,000 HTTPS requests"
      },
      {
        "units": 0.0,
        "price": 0.008999999999999993,
        "total": 0.0,
        "name": "per 10,000 HTTP requests"
      }
    ]
  },
  "total": 0.0
},
"cost": 0.0,
"bandwidth": {
  "tiers": [
    {
      "units": 0.0,
      "price": 1.0,
      "total": 0.0,
      "name": "first 10TB"
    }
  ],
  "total": 0.0
},
"usa": {
  "requests": {
    "tiers": [
      {
        "units": 0.0,
        "price": 0.01,
        "total": 0.0,
        "name": "per 10,000 HTTPS requests"
      },
      {
        "units": 13413.038200000001,
        "price": 0.00749999999999997,
        "total": 100.5977865,
        "name": "per 10,000 HTTP requests"
      }
    ]
  },
  "total": 100.5977865
},
"cost": 117.385785364464,
"bandwidth": {
  "tiers": [
{
    "units": 139.89999053720399,
    "price": 0.12,
    "total": 16.787998864464502,
    "name": "first 10TB"
},
"total": 16.787998864464502
}

"services": {
"CI2LkXSZs1PkSEUKCxgt3": {
"europe": {
    "requests": 37.0,
    "ssl_requests": 0.0,
    "bandwidth": 0.00020559784024953799
},
"australia": {
    "requests": 0.0,
    "ssl_requests": 0.0,
    "bandwidth": 0.0
},
"name": "blog",
"usa": {
    "requests": 218.0,
    "ssl_requests": 0.0,
    "bandwidth": 0.00049502775073051496
},
"asia": {
    "requests": 0.0,
    "ssl_requests": 0.0,
    "bandwidth": 0.0
}
},
"ljlmtMzlncwA0KC3TBG0X": {
"europe": {
    "requests": 59316.0,
    "ssl_requests": 0.0,
    "bandwidth": 0.24078979436308101
},
"australia": {
    "requests": 0.0,
    "ssl_requests": 0.0,
    "bandwidth": 0.0
},
"name": "app",
"usa": {
    "requests": 662713.0,
    "ssl_requests": 0.0,
    "bandwidth": 4.8184103155508602
},
"asia": {
    "requests": 0.0,
    "ssl_requests": 0.0,
    "bandwidth": 0.0
}
Customer

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

Fields

- **name** - The name of the customer, generally the company name.
- **pricing_plan** - The pricing plan this customer is under.
- **can_configure_wordpress** - Whether this customer can edit wordpress. Read Only.
- **can_reset_passwords** - Whether this customer can reset passwords. Read Only.
- **can_stream_syslog** - Whether this customer can stream syslogs. Read Only.
- **can_upload_vcl** - Whether this customer can upload VCL. Read Only.
- **has_config_panel** - Whether this customer has a configuration panel. Read Only.

Actions

**GET** /current_customer

Get the logged in customer

Authentication

API key ([guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key](https://docs.fastly.com/api/aio)) or session cookie (/api/auth).

Request Example

```
GET /current_customer
```

Response Example

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

{
    "can_stream_syslog":null,
    "owner_id":"x9KzsACXZv8tPw1EDsKb6",
    "can_upload_vcl":null,
    "has_config_panel":null,
    "raw_api_key":"nb35eR1123CGPJxJwCH4g"
    "name":"Test Account",
    "id":"hTE5dR1SBICGPJxJwCH4M",
```
GET /customer/ id

Get a specific customer

Authentication

session cookie (/api/auth).

Request Example

GROUPING {GET /customer/hTE5dRlSBICGPJxJwCH4M

Response Example

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

GROUPING {"can_stream_syslog":null,
"owner_id":"x9KzsrACXZv8tPw1EDsKb6",
"can_upload_vcl":null,
"has_config_panel":null,
"raw_api_key":"nb35eRl123CGPJxJwCH4g"
"name":"Test Account",
"id":"hTE5dRlSBICGPJxJwCH4M",
"can_configure_wordpress":null,
"updated_at":"2012-06-16T20:50:45+00:00",
"created_at":"2008-06-16T05:25:30+00:00",
"can_reset_passwords":true,
"pricing_plan":"customer",
"billing_contact_id":null
}

PUT /customer/ id

Update a customer

Authentication

session cookie (/api/auth).

https://docs.fastly.com/api/aio
Request Example

<table>
<thead>
<tr>
<th>Request Method</th>
<th>URL</th>
<th>Request Parameters</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUT</td>
<td>/customer/4mp6jxt8Z5b4be5jIhXz00</td>
<td>Content-Type: application/x-www-form-urlencoded</td>
</tr>
</tbody>
</table>

Response Example

<table>
<thead>
<tr>
<th>HTTP Status Code</th>
<th>Response Parameters</th>
</tr>
</thead>
<tbody>
<tr>
<td>200 OK</td>
<td>Content-Type: application/json</td>
</tr>
</tbody>
</table>

```json
{  "can_stream_syslog":null,  "owner_id":"x9KzsrACXZv8tPw1EDsKb6",  "can_upload_vcl":null,  "has_config_panel":null,  "raw_api_key":"nb35eRl123CGPJxJwCH4g"  "name":"Test Account",  "id":"hTE5dRlSBICGPJxJwCH4M",  "can_configure_wordpress":null,  "updated_at":"2012-06-16T20:50:45+00:00",  "created_at":"2008-06-16T05:25:30+00:00",  "can_reset_password":true,  "pricing_plan":"customer",  "billing_contact_id":null}
```

GET /customer/id/users

List all users from a specified customer id

Authentication

session cookie (/api/auth).

Request Example

<table>
<thead>
<tr>
<th>Request Method</th>
<th>URL</th>
<th>Request Parameters</th>
</tr>
</thead>
<tbody>
<tr>
<td>GET</td>
<td>/customer/4mp6jxt8Z5b4be5jIhXz00/users</td>
<td>Content-Type: application/x-www-form-urlencoded</td>
</tr>
</tbody>
</table>

Response Example

<table>
<thead>
<tr>
<th>HTTP Status Code</th>
<th>Response Parameters</th>
</tr>
</thead>
<tbody>
<tr>
<td>200 OK</td>
<td>Content-Type: application/json</td>
</tr>
</tbody>
</table>

```
[  {  "login":"johnowner@example.com",  "name":"John",  "id":"x9KzsrACXZv8tPw1EDsKb6",  "updated_at":"2012-06-20T21:52:44+00:00",  "created_at":"2012-06-20T21:52:44+00:00",```
DELETE /customer/ id

Delete a customer

Authentication

session cookie (/api/auth).

Request Example

DELETE /customer/4mp6jxt8Z5b4be5jHxZ00

Response Example

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

{
   "status":"ok"
}

Event Log

EventLogs keep track of things that occur within your services or organization. Currently we track events such as activation and deactivation of Versions and mass purges. In the future we intend to track more events and let you trigger EventLog creation as well.

Fields

- **object_type** - The type of object this message is for. (Ex: service, user, etc.)
- **id** - The id of the object to which this log message applies.
- **message** - A brief string explaining the event.
- **details** - A more verbose explanation of the event.
- **level** - An integer defining how serious the event is. Lower is more serious.
- **timestamp** - A unix timestamp of when the event occurred.
- **system** - Unused.
- **subsystem** - Unused.

## Actions

**GET** /event_log/ id

Get the specified event log

### Authentication

API key ([/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key](/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key)) or session cookie ([/api/auth](/api/auth)) with at least Engineer permissions ([/guides/user-access-and-control/user-roles-and-how-to-change-them](/guides/user-access-and-control/user-roles-and-how-to-change-them)).

### Parameters

- **limit** - raise or lower number of items returned. (default 20)
- **after** - offset response (default 0)

### Request Example

```plaintext
GET /event_log/SU1Z0isxPaozGVXXdv0eY
Fastly-Key: YourAPIKey
Accept: application/json
```

### Response Example

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

[{
   "level":5,
   "message":"Activated version 2",
   "details":"
   "timestamp":1339713014104,
   "id":"SU1Z0isxPaozGVXXdv0eY",
   "subsystem":"",
   "system":"",
   "object_type":"service"
}]
```

## Invitation

### Actions
**GET /invitation**

Get all open invitations created by the customer

**Authentication**

session cookie (/api/auth).

**Request Example**

GET /invitation

**Response Example**

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

"open_invitations": [
  {
    "id": "89j4t7s98e4e7tsjeg5s45h",
    "customer_id": "hTE5dR1SBICGPJxJwCH4M",
    "email": "john@example.com",
    "status_code": 1,
    "role": "superuser",
    "created_at": "2012-03-21T15:35:28-07:00",
    "updated_at": "2012-03-21T15:35:28-07:00"
  },
  {
    "id": "g944td0dfeeeextx1xg5x25x",
    "customer_id": "hTE5dR1SBICGPJxJwCH4M",
    "email": "bob@example.com",
    "status_code": 1,
    "role": "billing",
    "created_at": "2012-03-21T15:35:28-07:00",
    "updated_at": "2012-03-21T15:35:28-07:00"
  },
  ...
],
"permissible_roles": ["superuser", "engineer", "billing", "user"]
```
POST /invitation
Fastly-Key: d3cafb4dde4dbef
Accept: application/json

email=john@example.com

Response Example

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

"id":89j4t7s98e4e7tsjeg5s45h,
"customer_id": "hTE5dRlSBICGPJxJwCH4M",
"email": "alan@example.com",
"status_code": 1
"role": "superuser",
"created_at": "2012-03-21T15:35:28-07:00",
"updated_at": "2012-03-21T15:35:28-07:00"

PUT /invitation/ id /cancel

Cancel an open invitation

Authentication

session cookie (/api/auth).

Request Example

PUT /invitation/:id/cancel
Fastly-Key: d3cafb4dde4dbef
Accept: application/json

Response Example

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

{
    "status": "ok"
}

Pricing Extras

An object describing various extras that get added to your bill at the end of the month

Fields
- **name** - The unique name of the pricing extra
- **setup** - The setup cost of the pricing extra, only charged the month it was created
- **recurring** - The recurring cost of the pricing extra, charged every month

**Actions**

**GET /customer/ customer_id /pricing_extra**

Get all the pricing extras for a customer

**Authentication**

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth).

**Request Example**

```
GET /customer/hTE5dR1SBICGPJxJwCH4M/pricing_extra
```

**Response Example**

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

[
  {
    "comment": null,
    "customer_id": "hTE5dR1SBICGPJxJwCH4M",
    "name": "SSL",
    "setup": "500.0",
    "deleted_at": null,
    "recurring": "100.0",
    "created_at": "2012-03-21T15:28:48-07:00",
    "active_at": null,
    "expires_at": null
  },
  {
    "comment": null,
    "customer_id": "hTE5dR1SBICGPJxJwCH4M",
    "name": "Platinum Support",
    "setup": "",
    "deleted_at": null,
    "recurring": "100.0",
    "created_at": "2012-03-21T15:35:28-07:00",
    "active_at": null,
    "expires_at": null
  }
]
```

**GET /customer/ customer_id /pricing_extra/ name**
Get an individual pricing extra for a customer

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth).

Request Example

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

Response Example

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

"comment": null,
"customer_id": "hTE5dRlSBICGPJxJwCH4M",
"name": "SSL",
"setup": "500.0",
"deleted_at": null,
"recurring": "100.0",
"created_at": "2012-03-21T15:28:48-07:00",
"active_at": null,
"expires_at": null
```

User

A User of the Fastly administration panel. A User is always associated with a Customer.

Fields

- **login** - The email address, which is the login name, of this user.
- **name** - The real life name of the user.
- **role** - The role of this user.

Actions

**POST /current_user/password**

Update the user's password to a new one

Authentication

session cookie (/api/auth).

Request Example

```plaintext
POST /current_user/password/newpwd
```
old_password=oldpasswd\&password=newpwd

Response Example

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

```json
{
    "login":"johnowner@example.com",
    "name":"John Owner",
    "id":"x9KzsAcXZv8tPw1EDsKb6",
    "updated_at":"2012-06-21T03:22:50+00:00",
    "created_at":"2012-06-20T21:52:44+00:00",
    "role":"admin",
    "require_new_password":false,
    "customer_id":"x4xCwxxJxGCx123Rx5xTx",
    "email_hash":"xe8x2dxffx5bx18123x69x3fxefxefxa"
}
```

**GET** /current_user

Get the logged in user

Authentication

session cookie (/api/auth).

Request Example

```http
GET /current_user
Fastly-Key: d3cafb4d4d6b4d6b6
Accept: application/json
```

Response Example

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

```json
{
    "login":"johnowner@example.com",
    "name":"John Owner",
    "id":"x9KzsAcXZv8tPw1EDsKb6",
    "updated_at":"2012-06-21T03:22:50+00:00",
    "created_at":"2012-06-20T21:52:44+00:00",
    "role":"admin",
    "require_new_password":false,
    "customer_id":"x4xCwxxJxGCx123Rx5xTx",
    "email_hash":"xe8x2dxffx5bx18123x69x3fxefxefxa"
}
```
GET /user/ id

Get a specific user

Authentication

session cookie (/api/auth).

Request Example

GET /user/x9KzsACXZv8tPw1EDsKb6
Fastly-Key: d3cafb4dde4dbef
Accept: application/json

Response Example

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

{
  "login": "johnowner@example.com",
  "name": "John Owner",
  "id": "x9KzsACXZv8tPw1EDsKb6",
  "updated_at": "2012-06-21T03:22:50+00:00",
  "created_at": "2012-06-20T21:52:44+00:00",
  "role": "admin",
  "require_new_password": false,
  "customer_id": "x4xCwxxJxGCx123Rx5xTx",
  "email_hash": "xe8x2dxffx5bx18123x69x3fxefxfxa"
}

GET /users/ id

Get a specific user

Authentication

session cookie (/api/auth).

Request Example

GET /users/x9KzsACXZv8tPw1EDsKb6
Fastly-Key: d3cafb4dde4dbef
Accept: application/vnd.api+json

Response Example

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

Create a user

Authentication

session cookie (/api/auth).

Request Example

Fastly-Key: d3cafb4dde4dbee
Content-Type: application/x-www-form-urlencoded
Accept: application/json

user_email=new%40example.com&user_id=New+User

Response Example

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

{
  "login":"johnowner@example.com",
  "name":"John Owner",
  "id":"x9KzsrACXZv8tPw1EDsKb6",
  "updated_at":"2012-06-21T03:22:50+00:00",
  "created_at":"2012-06-20T21:52:44+00:00",
  "role":"admin",
  "require_new_password":false,
  "customer_id":"x4xCwxxJxGCx123Rx5Tx",
  "email_hash":"xe8x2dxffx5bx18123x69x3fxefxefxa"
}
Delete a user

Authentication

session cookie (/api/auth).

Request Example

```bash
DELETE /user/x9KzsrACXZv8tPwlEDsKb6
Fastly-Key: d3cafb4dde4dbee6
Accept: application/json
```

Response Example

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

{
    "status": "ok"
}
```
POST /user/login/password/request_reset

Requests a password reset for the specified user

Authentication
none

Request Example

```plaintext
POST /user/x9KzsxA8Zv8tPw1EDsKb6/password/request_reset
Fastly-Key: d3cafb4dd4dbef
Accept: application/json
```

Response Example

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

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

Config (/api/config)

**Backend**

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.

**Actions**

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

List all backends for a particular service and version.

**Authentication**

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4dde4dbee
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,
  }
]```
GET /service/ service_id /version/ version /backend/ name

Get the backend for a particular service and version.

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

GET /service/SU1Z0isxPaozGVXdz0eY/version/1/backend/test-backend
Fastly-Key: d3cafbdde4db0eef
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,
    "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 key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4dde4dbeeef
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": "",
  "max_ttls_version": null,
  "min_ttls_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
}
"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": "SU1Z0isxPaozGVXdv0eY",
"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 key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

**Parameters**

- **old_name** - Old name of the backend (used to select the correct backend if the name has been changed).

**Request Example**

```
PUT /service/SU1Z0isxPaozGVXdv0eY/version/1/backend/backend-name
Fastly-Key: d3cafb4d4d0bf6d5eac45b6976c1f7e6
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```
Delete the backend for a particular service and version.

**Authentication**

API key ([guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key](https://docs.fastly.com/api/aio/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key)) or session cookie ([/api/auth](https://docs.fastly.com/api/aio/api/auth)) with at least **Engineer** permissions ([/guides/user-access-and-control/user-roles-and-how-to-change-](https://docs.fastly.com/api/aio/guides/user-access-and-control/user-roles-and-how-to-change-))
Request Example

DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/backend/backend-name
Fastly-Key: d3cafb4dde4dbee
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

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

Actions

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

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

Authentication

API key (/guides/account-management-and-securityfinding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/cache_settings
Fastly-Key: d3cafb4dde4dbfeef
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 key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4dde4dbfeef
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 key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

POST /service/SU1Z0isxPaozGVXKXdv0eY/version/1/cache_settings
Fastly-Key: d3caf4d8e4d6beef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

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

Response Example

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

{
  "action": "cache",
  "cache_condition": "",
  "name": "testcache",
  "service_id": "SU1Z0isxPaozGVXKXdv0eY",
  "stale_ttl": "1200",
  "ttl": "3600",
  "version": "1"
}

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

Update a specific cache settings object.

Authentication
DELETE /service/ service_id /version/ version /cache_settings/ name

Delete a specific cache settings object.

Authentication

API key (/guides/account-management-and-securityfinding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

DELETE /service/SU1Z0isxPaozGVXKXdv0eY/version/1/cache_settings/testcache
Fastly-Key: d3cafb4d4d4beef
Accept: application/json

Response Example
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

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

Actions

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

Gets all conditions for a particular service and version.

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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
Fastly-Key: d3cafb4d4de4db6ef
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 key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4d4de4db6ef
Accept: application/json

Response Example

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

{ 
  "comment": ",",
  "name": "testcondition",
  "priority": "10",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
}
POST /service/ service_id /version/ version /condition

Creates a new condition.

Authentication

API key (/guides/account-management-and-securityfinding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4dde4dbef
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 key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

**Request Example**

```plaintext
PUT /service/SU1Z0isxPaozGVXKXdv0eY/version/1/condition/testcondition
Fastly-Key: d3cafb4dde4dbef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=updatedtestcondition&statement=req.url~"index.html"&priority=10
```

**Response Example**

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

{
   "comment": "",
   "name": "updatedtestcondition",
   "priority": "10",
   "service_id": "SU1Z0isxPaozGVXKXdv0eY",
   "statement": "req.url~"index.html"",
   "type": "CACHE",
   "version": "1"
}
```

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

Deletes the specified condition.

**Authentication**

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

**Request Example**

```plaintext
DELETE /service/SU1Z0isxPaozGVXKXdv0eY/version/1/condition/testcondition
Fastly-Key: d3cafb4dde4dbef
Accept: application/json
```

**Response Example**
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

- **created_at** - String. Time-stamp (GMT) when the dictionary was created.
- **deleted_at** - String. Time-stamp (GMT) when the dictionary was deleted.
- **id** - String. The alphanumeric string identifying a dictionary.
- **name** - String. Name for the Dictionary.
- **service_id** - String. The alphanumeric string identifying a service.
- **updated_at** - String. Time-stamp (GMT) when the dictionary was updated.
- **version** - Integer. The current version of a service.

Actions

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

List all dictionaries for the version of the service.

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4dde4dbee
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": "3vjtN8v0n0AY7aNDGOL",
   "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 key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4dde4d6f
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": "5c1CytcTJrnvP18wqPH0q",
"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 key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4d4d4beef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=my_dictionary
```

Response Example

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

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

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

Update named dictionary for a particular service and version

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example
### DELETE /service/service_id/version/version/dictionary/name

Delete named dictionary for a particular service and version.

**Authentication**

API key ([guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key](https://docs.fastly.com/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key)) or session cookie ([api/auth](https://docs.fastly.com/api/auth)) with at least [Engineer](https://docs.fastly.com/guides/user-access-and-control/user-roles-and-how-to-change-them) permissions ([guides/user-access-and-control/user-roles-and-how-to-change-them](https://docs.fastly.com/guides/user-access-and-control/user-roles-and-how-to-change-them)).

**Request Example**

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/dictionary/my_dictionary
Fastly-Key: d3cafb4dde4dbee
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

- **service_id** - The service the Dictionary belongs to
- **dictionary_id** - The dictionary for this Item.
- **item_key** - Key for the DictionaryItem.
- **item_value** - Value for the DictionaryItem.

Actions

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

List of DictionaryItems given service and dictionary ID

Authentication

API key ([guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key](https://docs.fastly.com/api/auth)) or session cookie ([api/auth](https://docs.fastly.com/api/auth)) with at least [Engineer](https://docs.fastly.com/api/auth) permissions ([guides/user-access-and-control/user-roles-and-how-to-change-them](https://docs.fastly.com/api/auth)).

Request Example

```
GET /service/SU1Z0isxPaozGVXdv0eY/dictionary/2cFf1POskFLhmnZJEfUake/items
Fastly-Key: d3cafb4dde4dbfeef
Accept: application/json
```

Response Example

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

[
  {
    "dictionary_id": "2cFf1POskFLhmnZJEKU7y6",
    "item_value": "some_value",
    "item_key": "some_key",
    "service_id": "SU1Z0isxPaozGVXdv0eY",
    "created_at": "2016-04-21T18:14:32+00:00",
    "updated_at": "2016-04-21T18:14:32+00:00",
    "deleted_at": null
  },
  {
    "dictionary_id": "999f1POskFLhmnZJEKU7y3",
    "item_value": "potato",
  }
]
```
"item_key": "hot",
"service_id": "SU1Z0iszPaozGVKXdv0eY",
"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 /dictionary/ dictionary_id /item/ item_key

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

**Authentication**

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

**Request Example**

```
GET
/service/SU1Z0iszPaozGVKXdv0eY/dictionary/2cFf1POskFLhmnZJEfUake/item/some_key

Fastly-Key: d3cafb4d4d4beef
Accept: application/json
```

**Response Example**

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

{
   "dictionary_id": "2cFf1POskFLhmnZJEKU7y6",
   "item_value": "some_value",
   "item_key": "some_key",
   "service_id": "6HLRMTXCDWZ16tF3yEuKok",
   "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 /dictionary/ dictionary_id /item

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

**Authentication**
API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

POST /service/SU1Z0isxPaozGVXKXdv0eY/dictionary/2cFflPOskFLhmnZJEfUake/item
Fastly-Key: d3cafbd4de4dbeeef
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": "2cFflPOskFLhmnZJEKU7y6",
  "item_value": "some_value",
  "item_key": "some_key",
  "service_id": "6HLRTXCDZW16tF3yEuKok",
  "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 /dictionary/ dictionary_id /item/ item_key

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

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

PUT /service/SU1Z0isxPaozGVXKXdv0eY/dictionary/2cFflPOskFLhmnZJEfUake/item/some_key
Fastly-Key: d3cafbd4de4dbeeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json
Update DictionaryItem given service, dictionary ID, item key, and item value

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
PATCH /service/SUlZ0isxPaozGVKXdv0eY/dictionary/2cFflPOskFLhmnZJEfUake/item/some_key
Fastly-Key: d3cafb4dde4dbeef
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": "2cFflPOskFLhmnZJEKU7y6",
  "item_value": "new_value",
  "item_key": "some_key",
  "service_id": "6HLRMTXCDWZ16tF3yEuKok",
  "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 /dictionary/ dictionary_id /items

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

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```plaintext
PATCH /service/SULZ0isxPaozGVXKXdv0eY/dictionary/2cFf1POskFLhmnZJEfUake/items
Fastly-Key: d3cafb4dde4dbee0
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 key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/dictionary/2cFf1POskFLhmnZJEfUake/item/some_key
Fastly-Key: d3cafb4dde4dbeeef
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

- **from** - Integer. The version number being diffed from.
- **to** - Integer. The version number being diffed to.
- **format** - String. The format the diff is being returned in (text, html or html_simple)
- **diff** - String. The differences between two specified versions.

Actions

```
GET /service/ service_id /diff/from/ from /to/ to
```

Get diff between two versions

Authentication
API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

- **from** - Integer. 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** - Integer. The version to diff to. Uses same numbering scheme as from.
- **format** - String. Optional method to format the diff field. Can either be text (default), html or html_simple.

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/diff/from/1/to/2
Fastly-Key: d3cafb4dde4dbee
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:
      sslHostname:
```
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
- **backends** - Array. List of backend associated with this director.
- **capacity** - Integer. Load balancing weight for the backends.
- **comment** - String. Description field.
- **created_at** - String. Time-stamp (GMT) when the Director was created.
- **deleted_at** - String. Time-stamp (GMT) when the Director was deleted.
- **name** - String. Name for the Director.
- **quorum** - Integer. The percentage of capacity that needs to be up for a director to be considered up. Integer, 0 to 100 (default: 75)
- **service_id** - String. The alphanumeric string identifying a service.
- **shield** - String. Selected POP to serve as a "shield" for origin servers.
- **type** - Integer. What type of load balance group to use. Integer, 1 to 4. Values: 1=random, 2=round-robin, 3=hash, 4=client. (default: 1)
- **updated_at** - String. Time-stamp (GMT) when the Director was updated.
- **retries** - Integer. How many backends to search if it fails. (default: 5)
- **version** - Integer. The current version of a service.

**Actions**

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

List the directors for a particular service and version

**Authentication**

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4d0d4d0e0
Accept: application/json
```

**Response Example**

```
HTTP/1.1 200 OK
Content-Type: application/json
```
GET  /service/ service_id /version/ version /director/ name

Get the director for a particular service and version

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4d4d4beef
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
}
```
"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 key ([/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key](https://docs.fastly.com/api/aio)) or session cookie ([/api/auth](https://docs.fastly.com/api/aio)) with at least **Engineer** permissions ([/guides/user-access-and-control/user-roles-and-how-to-change-them](https://docs.fastly.com/api/aio)).

**Request Example**

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/director
Fastly-Key: d3cafb4dde4dbeef
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 key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4dde4db0ef
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 key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).
Request Example

```
DELETE /service/SU1Z0isxPaozGVXdv0eY/version/1/director/test-director
Fastly-Key: d3cafb4d4de4dbef
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

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

### Actions

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

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

### Authentication
API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least [Engineer](/guides/user-access-and-control/user-roles-and-how-to-change-them) permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/director/test-director/backend/test-backend HTTP/1.1
Fastly-Key: d3cafbdde4debeef
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 key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least [Engineer](/guides/user-access-and-control/user-roles-and-how-to-change-them) permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/director/test-director/backend/test-backend HTTP/1.1
Fastly-Key: d3cafbdde4debeef
Accept: application/json
```

Response Example
DELETE /service/service_id/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 key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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/endpoint/test-backend HTTP/1.1
Fastly-Key: d3cafb4dde4dbef
Accept: application/json

Response Example

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

{ "status": "ok" }
A domain represents the domain name through which visitors will retrieve content. There can be multiple domains for a service.

**Fields**

- **comment** - String. A personal freeform descriptive note.
- **name** - String. The name of the domain or domains associated with this service.
- **service_id** - String. The alphanumeric string identifying a service.
- **version** - Integer. The current version of a service.

**Actions**

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

Checks the status of all domains' DNS records for a Service Version. Returns an array of 3 items. The first is the details for the domain, the 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 key ([/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key](https://docs.fastly.com/api/aio) or session cookie ([/api/auth](https://docs.fastly.com/api/aio)) with at least **Engineer** permissions ([/guides/user-access-and-control/user-roles-and-how-to-change-them](https://docs.fastly.com/api/aio)).

**Request Example**

```plaintext
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/domain/check_all
Fastly-Key: d3cafb4dde4dbef
Accept: application/json
```

**Response Example**

```plaintext
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 key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4d4de4dbfeef
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 key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4dde4dbee
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 key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4dde4dbee
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 key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```plaintext
POST /service/SU1Z0isxPaozGVXXdv0eY/version/1/domain
Fastly-Key: d3cafb4dde4dbee
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": "SU1Z0isxPaozGVXXdv0eY",
"version": 1
}
```

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

Update the domain for a particular service and version

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example
**DELETE**

/service/service_id/version/version/domain/name

Delete the domain for a particular service and versions

**Authentication**

API key ([/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key](https://docs.fastly.com/api/auth)) or session cookie ([/api/auth](https://docs.fastly.com/api/auth)) with at least **Engineer** permissions ([/guides/user-access-and-control/user-roles-and-how-to-change-them](https://docs.fastly.com/api/auth)).

**Request Example**

```plaintext
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/domain/test-domain
Fastly-Key: d3cafb4dde4dbeeef
Accept: application/json
```

**Response Example**

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

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

---

**Gzip**

https://docs.fastly.com/api/aio
Gzip configuration allows you to choose resources to automatically compress.

**Actions**

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

List all gzip configurations for a particular service and version

**Authentication**

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

**Request Example**

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/2/gzip
Fastly-Key: d3cafb4d6e4db6
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 key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

**Request Example**

https://docs.fastly.com/api/aio
POST /service/service_id/version/version/gzip

Create a named gzip configuration on a particular service and version

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4dde4dbeeef
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"
}
PUT  /service/ service_id /version/ version /gzip/ old_name

Update a named gzip configuration on a particular service and version

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```plaintext
POST /service/SU1Z0isxPaozGVKXdv0eY/version/2/gzip
Fastly-Key: d3cafbdde4dbeef
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 key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least 
Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
DELETE /service/SU120isxPaozGVKXdv0eY/version/2/gzip
Fastly-Key: d3caf4dde4beef
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

- **action** - String. Accepts a string value, one of:
  - **set** - Sets (or resets) a header
  - **append** - Appends to an existing header
  - **delete** - Delete a header
  - **regex** - Perform a single regex replacement on a header
  - **regex_repeat** - Perform a global regex replacement on a header
- **cache_condition** - String. Optional name of a CacheCondition to apply.
- **dst** - String. Header to set.
- **ignore_if_set** - Integer. Don't add the header if it is added already. (Only applies to 'set' action)
- **name** - String. A handle to refer to this Header object
- **priority** - Integer. Lower priorities execute first. (Default: 100.)
- **regex** - String. Regular expression to use (Only applies to 'regex' and 'regex_repeat' actions).
- **request_condition** - String. Optional name of a RequestCondition to apply.
- **response_condition** - String. Optional name of a ResponseCondition to apply.
- **service_id** - String. The alphanumeric string identifying a service.
- **src** - String. Variable to be used as a source for the header content. (Does not apply to 'delete' action)
- **substitution** - String. Value to substitute in place of regular expression. (Only applies to 'regex' and 'regex_repeat')
- **type** - String. Accepts a string value, one of:
  - **request** - Performs on the request before lookup occurs
  - **fetch** - Performs on the request to the origin server
  - **cache** - Performs on the response before it's stored in the cache
  - **response** - Performs on the response before delivering to the client
- **version** - Integer. The current version of a service.

### Actions

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

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

### Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

### Request Example

```
GET /service/SU1Z0isxPaozGVXdv0eY/version/1/header
Fastly-Key: d3cafb4dde4dbee
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 key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4dde4db0002f
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,
}
POST /service/service_id/version/version/header

Creates a new Header object.

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
POST /service/SU1Z0isxPaozGVXdv0eY/version/1/header
Fastly-Key: d3caf4dde4dbee
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": "SU1Z0isxPaozGVXdv0eY",  "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 key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

**Request Example**

```
PUT /service/SU1Z0isxPaozGVXxdv0eY/version/1/header/testheader
Fastly-Key: d3cafb4dde4dbeef
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": "SU1Z0isxPaozGVXxdv0eY",
    "src": "client.ip",
    "substitution": "",
    "type": "fetch",
    "version": "1"
}
```

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

Deletes a Header object by name.

**Authentication**
API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

DELETE /service/SU120isxPaozGVKXdv0eY/version/1/header/testheader
Fastly-Key: d3cafb4dde4dfeef
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

- check_interval - Integer. How often to run the healthcheck in milliseconds.
- comment - String.
- expected_response - Integer. The status code expected from the host.
- host - String. Which host to check.
- http_version - Integer. Whether to use version 1.0 or 1.1 HTTP.
- initial - Integer. When loading a config, the initial number of probes to be seen as OK.
- method - String. Which HTTP method to use.
- name - String. The name of the healthcheck.
- path - String. The path to check.
- service_id - String. The alphanumeric string identifying a service.
- **threshold** - Integer. How many healthchecks must succeed to be considered healthy.
- **timeout** - Integer. Timeout in milliseconds.
- **version** - Integer. The current version of a service.
- **window** - Integer. The number of most recent healthcheck queries to keep for this healthcheck.

**Actions**

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

List all of the healthchecks for a particular service and version

**Authentication**

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

**Request Example**

```
GET /service/SU1Z0isxPaozGVXXdV0eY/version/1/healthcheck
Fastly-Key: d3cafb4de4d0eef
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": "SU1Z0isxPaozGVXXdV0eY",
    "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 key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```plaintext
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/healthcheck/example-healthcheck
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

```plaintext
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 key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4dde4dbeerf
Content-Type: application/x-www-form-urlencoded
Accept: application/json

id=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 key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/healthcheck/example-healthcheck
Fastly-Key: d3cafb4dde4dbeerf
Content-Type: application/x-www-form-urlencoded
```
DELETE /service/service_id/version/version/healthcheck/name

Delete the healthcheck for a particular service and version

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

DELETE /service/SU1Z0isxPaozGVXKXdY/version/1/healthcheck/test-healthcheck
Fastly-Key: d3cafb4dde4dbee
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": "updated-healthcheck",
  "path": "/test.txt",
  "service_id": "SU1Z0isxPaozGVXKXdY",
  "threshold": 3,
  "timeout": 500,
  "version": 1,
  "window": 5
}
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

- **name** - Name for the request settings.
- **force_miss** - Allows you to force a cache miss for the request. Replaces the item in the cache if the content is cacheable.
- **force_ssl** - Forces the request use SSL (redirects a non-SSL to SSL).
- **action** - Allows you to terminate request handling and immediately perform an action. When set it can be `lookup` or `pass` (ignore the cache completely).
- **bypass_busy_wait** - Disable collapsed forwarding, so you don’t wait for other objects to origin.
- **max_stale_age** - How old an object is allowed to be to serve stale-if-error or stale-while-revalidate.
- **hash_keys** - Comma separated list of varnish request object fields that should be in the hash key.
- **xff** - X-Forwarded-For -- should be clear, leave, append, append_all or overwrite.
- **timer_support** - Injects the X-Timer info into the request for viewing origin fetch durations.
- **geo_headers** - Injects Fastly-Geo-Country, Fastly-Geo-City, and Fastly-Geo-Region into the request headers.
- **default_host** - Sets the host header.
- **request_condition** - Name of condition object used to test whether or not these settings should be used.

Actions

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

Gets the specified Request Settings object.

Authentication

https://docs.fastly.com/api/aio
API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4d4de4dbeef
Accept: application/json
```

**Response Example**

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

{
    "hash_keys":null,
    "action":"lookup",
    "xff":"append",
    "force_miss":"0",
    "request_condition":"",
    "timer_support":"0",
    "force_ssl":"1",
    "geo_headers":"1",
    "name":"testrequest",
    "bypass_busy_wait":"0",
    "version":"6",
    "default_host":"example.com",
    "service_id":"SU1Z0isxPaozGVKXdv0eY",
    "max_stale_age":"60"
}
```

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

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

**Authentication**

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4d4de4dbeef
Accept: application/json
```
Response Example

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

[
  {
    "hash_keys":null,
    "action":"lookup",
    "xff":"append",
    "force_miss":"0",
    "request_condition":"",
    "timer_support":"0",
    "force_ssl":"1",
    "geo_headers":"1",
    "name":"testrequest",
    "bypass_busy_wait":"0",
    "version":"6",
    "default_host":"example.com",
    "service_id":"SU1Z0isxPaozGVXKdv0eY",
    "max_stale_age":"60"
  }
]
```

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

Creates a new Request Settings object.

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```plaintext
POST /service/SU1Z0isxPaozGVXKdv0eY/version/1/request_settings
Fastly-Key: d3cafb4dce4dbef
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

```plaintext
HTTP/1.1 200 OK
Content-Type: application/json
```
```json
{
    "hash_keys":null,
    "action":"lookup",
    "xff":"append",
    "force_miss":"0",
    "request_condition":"
    "timer_support":"0",
    "force_ssl":"1",
    "geo_headers":"1",
    "name":"testrequest",
    "bypass_busy_wait":"0",
    "version":"6",
    "default_host":"example.com",
    "service_id":"SU1Z0isxPaozGVKXdv0eY",
    "max_stale_age":"60"
}
```

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

Removes the specified Request Settings object.

**Authentication**

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

**Request Example**

```bash
DELETE
/service/SU1Z0isxPaozGVKXdv0eY/version/1/request_settings/testrequest
Fastly-Key: d3cafb4dde4dbee
Accept: application/json
```

**Response Example**

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

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

**PUT**  /service/ service_id /version/ version /request_settings/ old_name
Updates the specified Request Settings object.

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/request_settings/testrequest
Fastly-Key: d3cafbdde4dbee
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

{
    "hash_keys":null,
    "action":"lookup",
    "xff":"append",
    "force_miss":"0",
    "request_condition":"",
    "timer_support":"0",
    "force_ssl":"1",
    "geo_headers":"1",
    "name":"testrequest",
    "bypass_busy_wait":"0",
    "version":"6",
    "default_host":"example.com",
    "service_id":"SU1Z0isxPaozGVKXdv0eY",
    "max_stale_age":"60"
}
```

Response Object

Allows you to create synthetic responses that exist entirely on the varnish machine. Useful for creating error or maintainence pages that exists outside the scope of your datacenter. Best when used with Condition objects.

Fields
- **name** - Name that identifies the Response Object
- **status** - The HTTP Status Code, defaults to 200.
- **response** - The HTTP Response, defaults to "Ok"
- **content** - The content to deliver for the response object, can be empty.
- **content_type** - The MIME type of the content, can be empty.
- **request_condition** - Name of the condition to be checked during the request phase. If the condition passes then this object will be delivered.
- **cache_condition** - Name of the condition checked after we have retrieved an object. If the condition passes then deliver this Request Object instead.

### Actions

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

Gets the specified Response Object.

**Authentication**

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4dde4dbeef
Accept: application/json
```

**Response Example**

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

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

Returns all Response Objects for the specified service and version.

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4dde4dbee
Accept: application/json
```

Response Example

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

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

POST /service/ service_id /version/ version /response_object

Creates a new Response Object.

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4dde4dbeef
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

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

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

Deletes the specified Response Object.

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4dde4dbeef
Accept: application/json

Response Example

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

{
"status": "ok"

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

Updates the specified Response Object.

Authentication

API key ([/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key](https://docs.fastly.com/api/aio) or session cookie ([/api/auth](https://docs.fastly.com/api/aio)) with at least **Engineer** permissions ([/guides/user-access-and-control/user-roles-and-how-to-change-them](https://docs.fastly.com/api/aio)).

Request Example

```plaintext
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/response_object/testresponse
Fastly-Key: d3cafb4dde4dbef
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

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

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

**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

- **name** - The name of this service.
- **customer_id** - Which customer this service belongs to.
- **publish_key** - What key to use for the publish streams.
- **versions** - A list of versions associated with this service.

Actions

**GET** /service

List Services

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth).

Request Example

```plaintext
GET /service
Fastly-Key: d3cafb4dde4dbee
Accept: application/json
```

Response Example

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

[
  {
    "id":"SU1Z0isxPaozGVKXdv0eY",
    "name":"test-service",
    "customer_id":"hTE5dRlSBICGPJxJwCh4M",
    "comment":"updating this service",
    "active_version":"2",
    "versions":[
      {
        "number":"1",
        "service_id": "SU1Z0isxPaozGVKXdv0eY",
        "testing":null,
        "staging":null,
        "locked":"0",
        "active":null,
        "deployed":null,
        "deleted_at":null,
        "comment":"no comment",
        "service": "z21h0iBxsaozGVKXdv0xY",
        "updated_at":"2012-06-14T22:32:02",
        "created_at":"2012-06-14T22:32:02"
      },
      ...
  }
]```
GET /service/ id /details

List detailed information on a specified service

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth).

Request Example

GET /service/SU1Z0isxPaozGVKXdv0eY/details
Fastly-Key: d3cafb4dd4dbee
Accept: application/json

Response Example

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

```json
{
    "id":"SU1Z0isxPaozGVKXdv0eY",
    "name":"test-service",
    "customer_id":"hTE5dR1SBICGPJxJwCH4M",
    "comment":"updating this service",
    "updated_at":"2012-06-14T21:20:19+00:00",
    "created_at":"2012-06-14T21:20:19+00:00",
    "publish_key":"xgdbdd93h5066f8d330c276fDe00f9d293abfex7",
    "versions":[
        {
            "number":"1",
            "service_id": "SU1Z0isxPaozGVKXdv0eY",
            "testing":null,
            "staging":null,
            "locked":"0",
            "active":null,
            "deployed":null,
            "deleted_at":null,
            "comment":"no comment",
            "service":"z21h0iBxsaozGVKXdv0xY",
            "updated_at":"2012-06-14T22:32:02",
            "created_at":"2012-06-14T22:32:02",
            "backend":1
        },
        ...
    ]
}
```
**GET** /service/search

Get a specific service by name

**Authentication**

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth).

**Request Example**

```
GET /service/search?name=test-service
Fastly-Key: d3cafbdde4deef
Accept: application/json
```

**Response Example**

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

{
    "id": "SU1Z0isxPaozGVKXdv0eY",
    "name": "test-service",
    "customer_id": "hTE5dR1SBICGPJxJwCH4M",
    "comment": "updating this service",
    "versions": [
        {
            "number": "1",
            "backend": [...],
            "service_id": "SU1Z0isxPaozGVKXdv0eY",
            "testing": null,
            "staging": null,
            "locked": "0",
            "active": null,
            "deployed": null,
            "comment": "",
            "updated": "2012-06-14T22:32:02",
            "deleted": "2012-06-14T22:32:02",
            "condition": [...],
            "healthcheck": [...],
            "cache-settings": [...],
            "director": [...],
            "wordpress": [...],
            "vcl": [...],
            "logging_syslog": [...],
            "response_object": [...],
            "ssl": [...],
            "domain": [...],
            "header": [...],
            "match": [...],
            "request_settings": [...],
        }
    ]
}
```
GET /service/ id

Get a specific service by id

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY
Fastly-Key: d3cafb4d0e0d6eef
Accept: application/json
```

Response Example

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

{
   "id": "SU1Z0isxPaozGVKXdv0eY",
   "name": "test-service",
   "customer_id": "hTE5dR1SBICGPJxJwCH4M",
   "comment": "updating this service",
   "publish_key": "hTE5dR1SBICGPJxJwCH4M",
   "created_at": "2012-06-14T21:20:19+00:00",
   "updated_at": "2012-06-14T21:20:19+00:00",
   "versions": [
      {
         "number": "1",
         "backend": 0,
         "service_id": "SU1Z0isxPaozGVKXdv0eY",
         "testing": null,
         "staging": null,
         "locked": "0",
         "active": null,
         "deployed": null,
         "comment": "",
         "deleted_at": null,
         "service": "z21h0iBxsaozGVKXdv0xY",
         "created_at": "2012-06-14T21:20:19+00:00",
         "updated_at": "2012-06-14T21:20:19+00:00"
      },
      ...
   ]
}
```

POST /service

Create a service
Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth).

Request Example

```
Fastly-Key: d3cafb4dde4dabeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=test-service
```

Response Example

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

{
    "id": "SU1Z0isxPaozGVKXdv0eY",
    "name": "test-service",
    "customer_id": "hTE5dR1SBICGPJxJwCH4M",
    "comment": "updating this service",
    "publish_key": "hTE5dR1SBICGPJxJwCH4M",
    "created_at": "2012-06-14T21:20:19+00:00",
    "updated_at": "2012-06-14T21:20:19+00:00",
    "versions": [
        {
            "number": "1",
            "backend": 0,
            "service_id": "SU1Z0isxPaozGVKXdv0eY",
            "testing": null,
            "staging": null,
            "locked": "0",
            "active": null,
            "deployed": null,
            "comment": "",
            "deleted_at": null,
            "service": "z21hOIBxsoazGVKXdv0xY",
            "created_at": "2012-06-14T21:20:19+00:00",
            "updated_at": "2012-06-14T21:20:19+00:00"
        }
    ]
}
```

DELETE  /service/ id

Delete a service

Authentication
API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth).

Request Example

```plaintext
DELETE /service/SU1Z0isxPaozGVKXdv0eY
Fastly-Key: d3cafa4dde4dbbeef
Accept: application/json
```

Response Example

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

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

**PUT** /service/ id

Update a service

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth).

Request Example

```plaintext
PUT /service/SU1Z0isxPaozGVKXdv0eY
Fastly-Key: d3cafa4dde4dbbeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json
name=updated-service-name
```

Response Example

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

{
  "id": "SU1Z0isxPaozGVKXdv0eY",
  "name": "updated-service-name",
  "customer_id": "hTE5dR1SBICGJPxJwCH4M",
  "comment": "updating this service",
  "publish_key": "hTE5dR1SBICGJPxJwCH4M",
  "created_at": "2012-06-14T21:20:19+00:00",
  "updated_at": "2012-06-14T21:20:19+00:00",
  "versions": [
```
GET /service/ id /domain

List the domains within a service

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth).

Request Example

GET /service/SU1Z0isxPaozGVKXdv0eY/domain
Fastly-Key: d3cafb4d4de4dbeeef
Accept: application/json

Response Example

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

[
  {
    "name": "domain1",
    "version": "2",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "comment": "the first domain"
  }
]
Handles default settings for a particular version of a service.

Fields

- **general.default_ttl** - The default Time-to-live (TTL) for the version.
- **general.default_host** - The default host name for the version.

Actions

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

Get the settings for a particular service and version

Authentication

API key ([/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key](https://docs.fastly.com/api/aio)) or session cookie ([/api/auth](https://docs.fastly.com/api/aio)) with at least **Engineer** permissions ([/guides/user-access-and-control/user-roles-and-how-to-change-them](https://docs.fastly.com/api/aio)).

Request Example

```
GET /service/SU1Z0isxPaozGVXdv0eY/version/3/settings
Fastly-Key: d3caf4dde4dbee
Accept: application/json
```

Response Example

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

{
  "service_id": "SU1Z0isxPaozGVXdv0eY",
  "version": "3",
  "general.default_ttl": 3600,
  "general.default_host": "www.example.com"
}
```

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

Update the settings for a particular service and version

Authentication

API key ([/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key](https://docs.fastly.com/api/aio)) or session cookie ([/api/auth](https://docs.fastly.com/api/aio)) with at least **Engineer** permissions ([/guides/user-access-and-control/user-roles-and-how-to-change-them](https://docs.fastly.com/api/aio)).
Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/3/settings
Fastly-Key: d3cafbb4d2decdead
Accept: application/json

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

Response Example

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

{
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "version": "3",
    "general.default_ttl": 4242,
    "general.default_host": "www.example.com"
}
```

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

- **start_time** - epoch timestamp for period request
- **end_time** - epoch timestamp for period request
- **year** - summarize a specific Y/M (requires month)
- **month** - summarize a specific month (requires year)

Actions

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

Get the stats from a service for a block of time. 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 key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth).

Request Example

```
GET /service/SU1Z0isxPaozGVXdv0eY/stats/summary?year=2013&month=7
Fastly-Key: d3cafb4dde4db0eY
Accept: application/json
```

Response Example

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

{
  "ASH": {
    "hits":9349817,
    "body_size":8803179494,
    "miss":43946,
    "requests":9396741,
    "pass":362,
    "header_size":3046479390
  },
  "LON": {
    "hits":7770636,
    "body_size":15461547572,
    "miss":33386,
    "requests":7806494,
    "pass":158,
    "header_size":2514026350
  },
  ...
}
```

**GET /service/service/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 key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth).

**Parameters**

- **type** - granularity of stats requested. one of: all, minutely, hourly, daily
**Request Example**

```plaintext
GET /service/SU1Z0IsxPaozGVKXdv0eY/stats/daily
Fastly-Key: d3cafb4dde4d6eef
Accept: application/json
```

**Response Example**

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

{
  "ASH":
  {
    "hits":9349817,
    "body_size":8803179494,
    "miss":43946,
    "requests":9396741,
    "pass":362,
    "header_size":3046479390
  },
  "LON":
  {
    "hits":7770636,
    "body_size":15461547572,
    "miss":33386,
    "requests":7806494,
    "pass":158,
    "header_size":2514026350
  },
  ...
}
```

## VCL

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

### Fields

- **name** - The name of this VCL.
- **content** - The VCL code to be included.
- **main** - Set to true when this is the main VCL, otherwise false.

### Actions

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

List the uploaded VCLs for a particular service and version

**Authentication**

https://docs.fastly.com/api/aio
API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4dde4dbeeef
Accept: application/json
```

**Response Example**

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

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

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

Return boilerplate VCL with the service's TTL from the settings (/api/config#settings).

**Authentication**

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4dde4dbeeef
Accept: application/json
```

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

Get the uploaded VCL for a particular service and version

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

- **no_content** - omit VCL content (default 0)

Request Example

```
GET /service/SU1Z0isxPaozGVXdv0eY/version/1/vcl/test-vcl
Fastly-Key: d3cafb4d4de4dbeef
Accept: application/json
```

Response Example

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

{
  "service_id": "SU1Z0isxPaozGVXdv0eY",
  "version": "1",
  "main": true,
  "name": "test-vcl",
  "content": "backend default {
    .host = "127.0.0.1";
    .port = "9092";
  }\n  ns sub vcl_recv {
    set req.backend = default;
  }\n  ns sub vcl_hash {
    set req.hash += req.url;
    set req.hash += req.http.host;
  }
}
```

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

Get the uploaded VCL for a particular service and version with HTML syntax highlighting

Authentication
API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0ixPaozGVKXdv0eY/version/1/vcl/test-vcl/content
Fastly-Key: d3cafbd4d4de4beef
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 class="n">host</span> <span class="p">}</span>

<span class="s">"127.0.0.1"</span> <span class="p">;</span> <span class="n">port</span> <span class="p">}</span>

<span class="s">"80"</span> <span class="p">;</span>

<span class="s">"0"</span> <span class="p">;</span> 

<span class="s">"0"</span> <span class="p">;</span> 

<span class="s">"0"</span> <span class="p">;</span> 

<span class="s">"0"</span> <span class="p">;</span> 

<\p>
</div>

```

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

Download the specified VCL
Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

- **no_content** - omit VCL content (default 0)

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/vcl/test-vcl/download
Fastly-Key: d3cafb4dde4beef
Accept: application/json
```

Response Example

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

{
   "backend default {\n      .host = "127.0.0.1";\n      .port = "9093";\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   }\n}
```

GET `/service/ service_id /version/ version /generated_vcl`

Display the generated VCL for a particular service and version

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4dde4beef
Accept: application/json
```

Response Example
GET /service/ service_id /version/ version /generated_vcl/content

Display the content of generated VCL with HTML syntax highlighting

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

GET /service/SU1Z0isxPaozGVXxdv0eY/version/1/generated_vcl/content
Fastly-Key: d3cafbdde4de4beef
Accept: application/json

Response Example

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

```json
{
  "content": "<div class="highlight">
<pre>
<code class="language-vcl">
backend default {
  .host = "127.0.0.1";
  .port = "9093";
}
sub vcl_recv {
  set req.backend = default;
}
sub vcl_hash {
  set req.hash += req.url;
  set req.hash += req.http.host;
  set req.hash += "0";
}
</code>
</pre>
</div>

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

Upload a VCL for a particular service and version

**Authentication**

API key ([/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key] or session cookie ([/api/auth]) with at least [Engineer](/guides/user-access-and-control/user-roles-and-how-to-change-them).

**Request Example**

```
POST /service/SU1Z0isxPaozGVXXdvoeY/version/1/vcl
Fastly-Key: d3caf4de4d6beef
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

{
  "service_id": "SU1Z0isxPaozGVXXdvoeY",
  "version": "1",
  "main": false,
  "name": "test-vcl",
  "content": "backend default
    .host = "127.0.0.1";
    .port = "9092";

    nsub vcl_recv { set req.backend = default; }
  nsub vcl_hash {
    set req.hash += req.url;
    req.http.host;
    set req.hash += \"0\";
  }
}
```
DELETE /service/ service_id /version/ version /vcl/ name

Delete the uploaded VCL for a particular service and version

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4dde4dbee
Accept: application/json

Response Example

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

{  "status":"ok"
}

PUT /service/ service_id /version/ version /vcl/ name /main

Set the specified VCL as the main

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4dde4dbee
Accept: application/json
**Response Example**

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

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

**PUT  /service/ service_id /version/ version /vcl/ old_name**

Update the uploaded VCL for a particular service and version

**Authentication**

API key ([/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key](https://docs.fastly.com/api/aio)) or session cookie ([/api/auth](https://docs.fastly.com/api/aio)) with at least **Engineer** permissions ([/guides/user-access-and-control/user-roles-and-how-to-change-them](https://docs.fastly.com/api/aio)).

**Request Example**

```plaintext
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/vcl/test-vcl
Fastly-Key: d3cafb4ddde4dbee
Content-Type: application/x-www-form-urlencoded
Accept: application/json

ccontent=<URL-encoded VCL code>
```

**Response Example**

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

{
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "version": "1",
    "main": true,
    "name": "test-vcl",
    "content": "backend default {
        .host = "127.0.0.1";
        .port = "9093";
    }\n    sub vcl_recv {
        set req.backend = default;
    }\n    sub vcl_hash {
        set req.hash += req.url;
        set req.hash += req.http.host;
    }
}
Version

A Version represents a specific instance of the configuration for a Service. A Version can be cloned, locked, activated, or deactivated.

Fields

- **number** - The number of this version.
- **active** - Whether this is the active version or not.
- **locked** - Whether this version is locked or not. Objects can not be added or edited on locked versions.

Actions

**GET** /service/ service_id /version/ number

Get the version for a particular service

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```plaintext
GET /service/SU1Z0isxPaozGVKXdv0eY/version/2
Fastly-Key: d3cafb4dde4deef
Accept: application/json
```

Response Example

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

{
   "number":2,
   "service_id": "SU1Z0isxPaozGVKXdv0eY"
   "network":{
       "name":"johnnetwork",
       "description":"john's network",
       "available_all":"yes",
       "available_restricted":"no",
       "available_private":"no",
   }
}```
POST /service/ service_id /version

Create a version for a particular service

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4dde4dbee
Accept: application/json

Response Example

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

{
    "number":2,
    "service_id": "SU1Z0isxPaozGVKXdv0eY"
    "network":{
        "name": "johnnetwork",
        "description": "john's network",
        "available_all": "yes",
        "available_restricted": "no",
        "available_private": "no",
        "customer": "d3cafb4dde4dbee"
    },
    "comment": "this is a service",
    "testing": "false",
    "staging": "true",
    "deployed": "true",
    "active": "true",
    "locked": "false"
}
**GET** /service/ service_id /version

List the versions for a particular service

**Authentication**

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

**Request Example**

```
GET /service/SU1Z0isxPaozGVXKXdv0eY/version
Fastly-Key: d3cafb4dde4dbee
Accept: application/json
```

**Response Example**

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

[{
    "number":2,
    "service_id": "SU1Z0isxPaozGVXKXdv0eY"
    "network":{
        "name":"johnnetwork",
        "description":"john's network",
        "available_all":"yes",
        "available_restricted":"no",
        "available_private":"no",
        "customer":"d3cafb4dde4dbee"
    },
    "comment":"this is a service",
    "testing":"false",
    "staging":"true",
    "deployed":"true",
    "active":"true",
    "locked":"false"
}]
```

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

Update a particular version for a particular service

**Authentication**
API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

**Request Example**

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/2
Fastly-Key: d3cafb4dde4d beef
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

**Response Example**

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

{
  "number": 2,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "network": {
    "name": "johnnetwork",
    "description": "john's network",
    "available_all": "yes",
    "available_restricted": "no",
    "available_private": "no",
    "customer": "d3cafb4dde4d beef"
  },
  "comment": "this is a service",
  "testing": "false",
  "staging": "true",
  "deployed": "true",
  "active": "true",
  "locked": "false"
}
```

**PUT** /service/ service_id /version/ number /activate

Activate the current version

**Authentication**

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

**Request Example**
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/3/activate
Fastly-Key: d3cafb4ddee4beef
Accept: application/json

Response Example

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

```json
{
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "3",
  "locked": 0,
  "active": 1
}
```

PUT /service/ service_id /version/ number /deactivate

Deactivate the current version

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4ddee4beef
Accept: application/json

Response Example

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

```json
{
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "3",
  "locked": 0,
  "active": 0
}
```

PUT /service/ service_id /version/ number /clone
Clone the current configuration into a new version

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
PUT /service/SU1Z0isxPaozGVXKdV0eY/version/2/clone
Fastly-Key: d3cafb4dde4dbee
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

Response Example

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

{
  "number":3,
  "service_id": "SU1Z0isxPaozGVXKdV0eY"
  "network": {
    "name": "johnnetwork",
    "description": "john's network",
    "available_all": "yes",
    "available_restricted": "no",
    "available_private": "no",
    "customer": "d3cafb4dde4dbee"
  },
  "comment": "this is a service",
  "testing": "false",
  "staging": "true",
  "deployed": "true",
  "active": "true",
  "locked": "false"
}
```

**GET** /service/ service_id /version/ number /validate

Validate the version for a particular service and version

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).
Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/3
Fastly-Key: d3cafb4dde4dbee
Accept: application/json
```

Response Example

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

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

**PUT /service/service_id/version/number/lock**

Locks the specified version

**Authentication**

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/2/lock
Fastly-Key: d3cafb4dde4dbee
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

Response Example

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

{
  "number":2,
  "service_id": "SU1Z0isxPaozGVKXdv0eY"
  "network":
      "name": "johnnetwork",
      "description": "john's network",
      "available_all": "yes",
      "available_restricted": "no",
      "available_private": "no",
```
Wordpress

The WordPress object applies configuration optimized for WordPress to a given path.

Fields

- **name** - Name of the WordPress object.
- **path** - Requests to this path will use WordPress configuration.

Actions

**GET**  /service/ service_id /version/ version /wordpress/ name

Get information on a specific WordPress.

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least [Engineer](/guides/user-access-and-control/user-roles-and-how-to-change-them) permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/wordpress/testwordpress
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

{
    "comment":"
    "name":"testwordpress",
    "version":"1",
    "path": "/blog",
    "service_id":"SU1Z0isxPaozGVKXdv0eY"
}
```
GET /service/ service_id /version/ version /wordpress

Get all of the WordPresses for a specified service and version.

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/wordpress
Fastly-Key: d3cafb4d4d4eef
Accept: application/json
```

Response Example

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

[
  {
    "comment": "",
    "name": "testwordpress",
    "version": "1",
    "path": "/blog",
    "service_id": "SU1Z0isxPaozGVKXdv0eY"
  },
  ...
]
```

POST /service/ service_id /version/ version /wordpress

Create a WordPress for the specified service and version.

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).
### Request Example

```
POST /service/SU1Z0isxPaozGVXKXdv0eY/version/1/wordpress
Fastly-Key: d3cafb4dde4dbef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=testwordpress&path=/blog
```

### Response Example

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

{
  "comment": "",
  "name": "testwordpress",
  "version": "1",
  "path": "/blog",
  "service_id": "SU1Z0isxPaozGVXKXdv0eY"
}
```

**DELETE** /service/service_id/version/version/wordpress/ name

Delete a specified WordPress.

**Authentication**

API key ([/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key](https://docs.fastly.com/api/aio)) or session cookie ([/api/auth](https://docs.fastly.com/api/aio)) with at least [Engineer](https://docs.fastly.com/api/aio) permissions ([/guides/user-access-and-control/user-roles-and-how-to-change-them](https://docs.fastly.com/api/aio)).

### Request Example

```
DELETE /service/SU1Z0isxPaozGVXKXdv0eY/version/1/wordpress/testwordpress
Fastly-Key: d3cafb4dde4dbef
Accept: application/json
```

### Response Example

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

{
  "status": "ok"
}
PUT /service/service_id/version/wordpress/old_name

Update a specified WordPress.

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```plaintext
PUT /service/SU1Z0iszPaozGVXdv0eY/version/1/wordpress/testwordpress
Fastly-Key: d3cafb4dde4dbeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=testwordpress&path=/blog
```

Response Example

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

{
  "comment": "",
  "name": "testwordpress",
  "version": "1",
  "path": "/blog",
  "service_id": "SU1Z0iszPaozGVXdv0eY"
}
```

**Purge (/api/purge)**

**Purging**

Instant Purging removes content from Fastly immediately so it can be refreshed from your origin servers. The main entry point https://api.fastly.com/ for the API is not needed for an individual URL Instant Purge.

**Actions**

**PURGE** */

Instant Purge an individual URL
Authentication
none

Parameters

- * - 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/id/purge_all

Instant Purge everything from a service

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4d64de4dbeef
Accept: application/json

Response Example

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

{
    "status":"ok"
}
**POST /service/id/purge/key**

Instant Purge a particular service of items tagged with a Surrogate Key

**Authentication**


**Request Example**

```
POST /service/SULZ0isxPaozGVKXdv0eY/purge/hTE5dRLSBICGPJxJwCH4M
Fastly-Key: d3cafb4d5e4d5eef
Accept: application/json
```

**Response Example**

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

{
   "status":"ok",
   "id":"108-1391560174-974124"
}
```

**PURGE /***

Soft Purge an individual URL

**Authentication**

none

**Parameters**

- * - 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/ id /purge/ key**

Soft Purge a particular service of items tagged with a key

**Authentication**

API key (/guides/account-management-and-securityfinding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth).

**Request Example**

```plaintext
POST /service/SU1Z0isxPaozGVXdv0eY/purge/hTE5dR1SBICGPxJwCH4M
Fastly-Key: d3cafb4dde4db5e4
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.

#### Using the Stats API

The stats API is accessible from [https://api.fastly.com/stats/*](https://api.fastly.com/stats/*), and can be used with both Fastly Key and Username / Password authentication. Authentication works exactly as it does for the Core Fastly API, please refer to Authentication Documentation (/api/auth) for further details. Here is an example using the command-line tool CURL:
curl -H "Fastly-Key: YOUR_API_KEY" https://api.fastly.com/stats/usage

To find your API key please visit the "Account" section in the Fastly Application. Your organization's API key should be displayed at the top left of the page under the heading "API Key". If the API key does not appear, then you may not be authorized to view the key and you should ask the person within your organization that setup the Fastly account. If all else fails you can contact support (https://www.fastly.com/support) and ask to receive your API key.

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). 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=10+days+ago

Stats from Tuesday 14th May 2013 @ 20:29:37pm UTC to Thursday 16th May 2013 @ 20:29:37pm UTC
Daily stats from January 1st, 2013 (1/1/2013) to February 1st, 2013

It is important to note that 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 continental United States POPs (Points of Presence)
- **europe** - Restricts the query to statistics reported by European POPs
- **anzac** - Restricts the query to Australia / New Zealand / Asia / Pacific POPs

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 list of regions will always contain the ones listed above but may grow as Fastly expands into new parts of the globe. Because the list is dynamic, please use the following endpoint to get a list of all available regions:

https://docs.fastly.com/api/aio
GET /stats/regions

See the API section below for example output

It is important to note that not all regions are available to all customers at this time. If you need support for a particular region please feel free to contact us via our helpdesk (https://www.fastly.com/support).

Stats Fields

We collect many different stats fields when processing your requests. Some of the stats endpoints detailed below allow you to specify particular fields. These are the major fields we support:

- **requests** - Number of requests processed
- **hits** - Number of cache hits
- **hits_time** - Amount of time spent processing cache hits (in seconds)
- **miss** - Number of cache misses
- **miss_time** - Amount of time spent processing cache misses (in seconds)
- **pass** - Number of requests that passed through the CDN without being cached
- **errors** - Number of cache errors
- **hit_ratio** - Ratio of cache hits to cache misses (between 0 and 1)
- **bandwidth** - Total bytes delivered \((body\_size + header\_size)\)
- **body\_size** - Total body bytes delivered
- **header\_size** - Total header bytes delivered

The following fields may or may not be available depending on the nature of your services:

- **uncacheable** - Number of requests that were denoted uncachable.
- **pipe** - Pipe operations performed, these operations are no longer available and are only present on legacy services.

We also provide specialized HTTP response code tally fields:

- **status\_200** - Number of responses sent with status code 200 (Success)
- **status\_204** - 204 (No Content)
- **status_301** - 301 (Moved Permanently)
- **status_302** - 302 (Found)
- **status_304** - 304 (Not Modified)
- **status_503** - 503 (Service Unavailable)
- **status_1xx** - Number of "Informational" category status codes delivered
- **status_2xx** - "Success" status codes delivered
- **status_3xx** - "Redirection" codes delivered
- **status_4xx** - "Client Error" codes delivered
- **status_5xx** - "Server Error" codes delivered

For more information on HTTP status code meanings, please refer to Wikipedia's list of HTTP status codes (https://en.wikipedia.org/wiki/List_of_HTTP_status_codes).

### 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:

```json
/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
2. 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)
3. Daily data works similarly to hourly data and the current day will also represent a partial result

API Reference

GET /stats

Fetches historical stats for each of your fastly services and groups the results by service id.

Request Example

```
Fastly-Key: d3cafb4dde4dbee
Accept: application/json

GET /stats?from=1+day+ago
```

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": {
        "6E1zzVtumbwLBDjvFwepx": {
            "requests": "1925645",
            "miss_time": "55.153864891000005",
            "start_time": "1368662400",
            "service_id": "6E1zzvDjvFwepx",
            "bandwidth": "17654526854"
        }
    }
}
```
"hits": "1902348",
"hits_time": "520.0779119150006",
"miss": "8354",
"body_size": "175900019026",
"pass": "4212",
"header_size": "644507828",
"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_5xx": "8418",
"pipe": "0",
"status_5xx": "8418",
"uncacheable": "0"
}
]
"5oYejo10heMydtjaVPOq4z": [ {
  "requests": "751",
  "miss_time": "1.198163271",
  "start_time": "1368662400",
  "service_id": "5oYejo10heMydtjaVPOq4z",
  "bandwidth": "1159652",
  "hits": "743",
  "hits_time": "0.07059622299999999",
  "miss": "8",
  "body_size": "721082",
  "pass": "0",
  "header_size": "438570",
  "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_5xx": "0",
  "pipe": "0",
  "status_5xx": "0",
  "uncacheable": "0"
  }
],
}
**GET /stats/field/**  

Fetches the specified field from the historical stats for each of your services and groups the results by service id.

**Request Example**

```
Fastly-Key: d3cafb4dde4dbef  
Accept: application/json
```

```plaintext
GET /stats/field/hit_ratio?from=6+hours+ago&to=3+hours+ago&by=hour
```

**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": {
        "6E1ZZvtumbwtLBDJvFwepx": [
            {
                "service_id": "6E1ZZvtumbwtLBDJvFwepx",
                "start_time": "1368716400",
                "hit_ratio": "0.0000"
            },
            {
                "service_id": "6E1ZZvtumbwtLBDJvFwepx",
                "start_time": "1368720000",
                "hit_ratio": "0.9769"
            },
            {
                "service_id": "6E1ZZvtumbwtLBDJvFwepx",
                "start_time": "1368723600",
                "hit_ratio": "0.9944"
            }
        ],
        "5oYej010heMydtjaVPOq4z": [
            {
                "service_id": "5oYej010heMydtjaVPOq4z",
                "start_time": "1368716400",
                "hit_ratio": "0.9857"
            },
            {
                "service_id": "5oYej010heMydtjaVPOq4z",
                "start_time": "1368720000",
                "hit_ratio": "1.0000"
            }
        ]
    }
}
```
GET /stats/aggregate

Fetches historical stats information aggregated across all of your Fastly services.

Request Example

```
Fastly-Key: d3cafb4dde4dbeerf
Accept: application/json

GET /stats/aggregate?from=1368563377&to=1368736177
```

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",
            "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_5xx": "21631",
  "pipe": "0",
  "status_5xx": "21642",
  "uncacheable": "0"
}
```

```
{
  "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",
  "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_5xx": "41246",
  "pipe": "0",
  "status_5xx": "41389",
  "uncacheable": "0"
}
}``

**GET /stats/service/ service_id**

Fetches historical stats for a given service.

**Request Example**

```
Fastly-Key: d3caf4d3de4d1beef
Accept: application/json

GET /stats/service/1jlmtMz1ncwA0KC3TBGD0X?
from=40+minutes+ago&to=38+minutes+ago&by=minute
```
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": "ljlmtMz1ncwA0KC3TBGD0X",
            "bandwidth": "160238",
            "hits": "0",
            "hits_time": "0",
            "miss": "0",
            "body_size": "150948",
            "pass": "19",
            "header_size": "9290",
            "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"
        },
        {
            "requests": "20",
            "miss_time": "0",
            "start_time": "1368734220",
            "service_id": "ljlmtMz1ncwA0KC3TBGD0X",
            "bandwidth": "156504",
            "hits": "0",
            "hits_time": "0",
            "miss": "0",
            "body_size": "147806",
            "pass": "17",
            "header_size": "8698",
            "status_200": "12",
        }
    ]
}
GET /stats/service/ service_id /field/ field

Fetches the specified field from the historical stats for a given service.

Request Example

```
Fastly-Key: d3cafb4dde4dbeeef
Accept: application/json

GET /stats/service/1jlmtMzlncwA0KC3TBGD0X/field/bandwidth?from=2+days+ago
```

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": "1jlmtMzlncwA0KC3TBGD0X",
      "start_time": "1368576000",
      "bandwidth": "376983356"
    },
    {
      "service_id": "1jlmtMzlncwA0KC3TBGD0X",
      "start_time": "1368662400",
      
```
GET /stats/usage

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

Request Example

Fastly-Key: d3cafb4dde4dbee
Accept: application/json

GET /stats/usage?from=1%2F1%2F2013&to=2%2F1%2F2013

Response Example

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

```json
{
  "status": "success",
  "meta": {
    "to": "Fri Feb 01 12:00:00 UTC 2013",
    "from": "Tue Jan 01 12:00:00 UTC 2013",
    "by": "day",
    "region": "all"
  },
  "msg": null,
  "data": {
    "apac": {
      "requests": "163546563",
      "bandwidth": "10735282284"
    },
    "ausnz": {
      "requests": "2888860",
      "bandwidth": "173220202333"
    },
    "usa": {
      "requests": "163546563",
      "bandwidth": "153220202333"
    },
    "europe": {
      "requests": "2888860",
      "bandwidth": "10735282284"
    }
  }
}
GET /stats/usage_by_service

Returns usage information aggregated by service and grouped by service & region.

Request Example

```
Fastly-Key: d3cafb4dde4dbee
Accept: application/json

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

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"
      }
    }
  }
}``
GET /stats/regions

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

Request Example

```
Fastly-Key: d3cafb4dde4dbeeef
Accept: application/json
GET /stats/regions
```

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"
    ]
}
```

Remote Logging (/api/logging)
FTP

Fastly will upload log messages periodically to the server, and in the format, specified in the FTP object.

Fields

- **name** - The name of the ftp rule.
- **address** - An IPv4 or hostname address.
- **port** - The port number.
- **user** - The username for the server (can be anonymous).
- **password** - The password for the server (for anonymous use an email address).
- **path** - The path to upload log files to. If the path ends in / then it is treated as a directory.
- **period** - How frequently the logs should be dumped (in seconds, default 3600).
- **gzip_level** - What level of GZIP encoding to have when dumping logs (default 0, no compression).
- **format** - Apache style log formatting.
- **response_condition** - When to execute the ftp. If empty, always execute.
- **timestamp_format** - strftime specified timestamp formatting (default "%Y-%m-%dT%H:%M:%S.000").

Actions

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

Get the FTP for a particular service and version

Authentication

none

Request Example

```
GET /service/SU1Z0isxPaozGVXdv0eY/version/1/logging/ftp/test-ftp
Fastly-Key: d3cafb4dde4dbeeef
Accept: application/json
```

Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```
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/SU1Z0isxPaozGVXKXdv0eY/version/1/logging/ftp
Fastly-Key: d3cafb4d4d4d4beef
Accept: application/json

Response Example

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

[{
  "name": "test-ftp",
  "service_id": "SU1Z0isxPaozGVXKXdv0eY",
  "version": "1",
  "address": "example.com",
  "hostname": "example.com",
  "port": "21",
  "ipv4": "127.0.0.1",
  "user": "anonymous",
  "password": "ftp@example.com",
  "path": "/",
  "response_condition": "",
  "format": "%h %l %u %t "%r" %s %b",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000"
}]
**POST** /service/ service_id /version/ version /logging/ftp

Create a FTP for a particular service and version

Authentication

none

Request Example

```
POST /service/SU1Z0lsxPaozGVXxv0eY/version/1/logging/ftp
Fastly-Key: d3caff4d9e4dbeeef
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

{
    "name": "test-ftp",
    "service_id": "SU1Z0lsxPaozGVXxv0eY",
    "version": "1",
    "address": "example.com",
    "hostname": "example.com",
    "port": "21",
    "ipv4": "127.0.0.1",
    "user": "anonymous",
    "password": "ftp@example.com",
    "path": "/",
    "response_condition": "",
    "format": "%h %l %u %t \"%r\" %s %b",
    "timestamp_format": "%Y-%m-%d %T:%H:%M:%S.000"
}
```

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

Delete the FTP for a particular service and version

Authentication

none

Request Example

```
DELETE /service/SU1Z0lsxPaozGVXxv0eY/version/1/logging/ftp/test-ftp
Fastly-Key: d3caff4d9e4dbeeef
```
**PUT** /service/ service_id /version/ version /logging/ftp/ old_name

Update the FTP for a particular service and version

**Authentication**

none

**Request Example**

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/ftp/test-ftp
Fastly-Key: d3cafb4dde4dbfeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=updated-ftp
```

**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

- **name** - The name of the GCS logging rule. Used as a primary key for API access.
- **bucket_name** - The bucket of the GCS bucket.
- **user** - Your GCS service account email address. The client_email field in your service account authentication json.
- **secret_key** - Your GCS account secret key. The private_key field in your service account authentication json.
- **path** - The path to upload logs to (default "/").
- **period** - How frequently the logs should be dumped (in seconds, default 3600).
- **gzip_level** - What level of GZIP encoding to have when dumping logs (default 0, no compression).
- **format** - Apache style log formatting (default (defaults to '%h %l %u %t "%r" %>s %b').
- **response_condition** - When to execute the GCS logging rule. If empty, always execute.
- **timestamp_format** - strftime specified timestamp formatting (default "%Y-%m-%dT%H:%M:%S.000").

Actions

**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/SU1Z0isxPaozGVXKXdv0eY/version/1/logging/gcs/my_gcs_logging
Fastly-Key: d3cafb4dde4dbee
Accept: application/json
```

Response Example
List all of the GCSs for a particular service and version

Authentication

none

Request Example

```
GET /service/service_id /version/ version /logging/gcs
```

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/gcs
```
Response Example

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

[

  

  "name": "my_gcs_logging",
  "service_id": "SU1Z0isxPaozGVXKXdv0eY",
  "version": "1",
  "bucket_name": "my_log_bucket",
  "user": "144787272-
deadbeef479374nnpvhodh4nlp@developer.gserviceaccount.com",
  "secret_key": "-----BEGIN PRIVATE KEY-----

nMIIEvgIBADANBgkqhkiG9w0BAQEFAASCBCkgwSkAgEAAoIBAQC7bgP9yaIYd5AL
mv0aYvNozFJB/WV53KWB1l769kJvlmgMks6r6Xrvw6rjxWKjZeDrnXvf7UDA0F
nckPPIFvXRahft
WFMGArw01IvQzg74/B1ndU5RNx1fah/8m7q/GIF6oNYWzfJwvv/nzodxDUqIRH2e2J
wedNRjElHuogYHLhV40/od5pAfkDwak/1huuh/2VA3Aubw3nph/nx2F0JBs14oPK2UT
YUUSzUQY5IMxS
YUAq47W4v21x1EnJt+biX0rErklrmd1eEE/nU3wkjR5c5gvG8xcWyYod87RNFEL
mHCCyti1t+t
5C3Em/jPsfQFtwzHpbNhwD4oEm/nn7d0675AgMBAECCgEAWR2611ZgOwJS5/Dr1b
xg/au
San1lJmxC6Mhz4cVGd4/nT57Y6DLrWuA4ukJYm3gorZiSXWF5PqthAVb/8f8bXy7n
ZeypEhwn
c09SD5aaq/nREp0rVmX8aWQ709K2UYJg+zDU07u2d3YmVH8HH5TD43c7IDFJl
SNe3NA0p+Nx
+z+wn6hFW+fz/etrW1Nyhr17sbMbSgu/GpFFBqipCd0n15d1Ym1saAapumkdjgjl/nd
os/M/L/ltqfbdyZNDw8JF7EJEVKVb117/LN0rBInhyoZ8FcB56t/AG5nzxK/FI/c
nc/707d6MOqi
GRLR2ZTeEpnzyu8ZD3046ly/1hSvqKQBDQhr2c6h7trtB8Wx0A/n3bWbg/ydkgk
xmx10IfioT
+JNBe RufUpVrV1M2aPZBGKEEdDAmIgn/8f9XAHkKj88/nEsPRgE020s4/hnrTc7Ke
awPWpvd9MF
dKrkQcJOJuFyN9ymD7sAnno9aU/4Jna/neltCf8Ufsa7kdzb1DhcrQ8FhwKBgD
U+Nk4
PzIdUJdadd6TkBbjUNPEFZ2u5+t/\nike2VSrhApxAvxviUnFDSRW0rJzRk1k7w9gIM8aEK
n MLNEmetsd77tcqqRDu16/n+vt1ualiCJ+e/ibl+PiJrFwHehECLU9QfgBV5S6z
1D1A2+w6n
wCridlrObo\n/nCQxQozN3fwbKbgAsroru/\bC1HPOChnCRE038A+u1+gWnDi0O
KvQd0hxh\a0
zd1p/nqA6hzh1EfkBDMPWqz62d0Kv+gPqRkrfVM0enHuYnGrhHDg3p2InyoC5uq
/sQPAPn
Pp

```

https://docs.fastly.com/api/aio
Create GCS Logging for a particular service and version

Authentication

none

Request Example

POST /service/service_id/version/version/logging/gcs

Request Example

POST /service/SU1Z0isxPaozVKXdv0eY/version/1/logging/gcs

name=my_gcs_logging&bucket_name=my_log_bucket&access_key=1447182772-deadbeef479374nnpvhodh4nlp@developer.gserviceaccount.com&secret_key=-----BEGIN PRIVATE KEY-----

END PRIVATE KEY-----
Response Example

```json
{
  "name": "my_gcs Logging",
  "service_id": "SU1Z0isxPazGVkxDv0eY",
  "version": "1",
  "bucket_name": "my_log_bucket",
  "user": "1447182772-deadbeef479374nnphvho6h4nlp@developer.gserviceaccount.com",
  "secret_key": "-----BEGIN PRIVATE KEY-----

MIIEvgIBADANBgkqhkiG9w0BAQEFAASCBgkgwgsgAgEAAoIBAQCC7BG9yaYi5dAL
mOaYvNozFJB\WV53KWB1\L769kgJmlmgk6s\6rxv8w6rjK\xj2DrnXV7fU\D0\nckpP\Fv\RXaht
WFMG\Arw01\IvQzgT\A\nBl\D\5XN\F\h\m\87\q\G\6\0\N\Y\W\f\j\w\v\v\n\zer\d\u\R\2\e\2\J\W\d\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n```
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: d3caf4d6d4d6beef
Accept: application/json

Response Example

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

{
    "status":"ok"
}

PUT /service/ service_id /version/ version /logging/gcs/ old_name

Update the GCS for a particular service and version

Authentication
none

Request Example

PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/gcs/my_gcs_logging
Fastly-Key: d3caf4d6d4d6beef
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
Logentries

Fastly will stream log messages to the Logentries account, and in the format, specified in the Logentries object.

Fields

- **name** - The name of the logentries rule.
- **port** - The port number.
- **use_tls** - Whether to use TLS for secure logging.
- **token** - Use token based authentication (https://logentries.com/doc/input-token/).

```json
{
  "name": "my_new_gcs_name",
  "service_id": "SU1Z0isXPaozGVXKXdv0eY",
  "version": "1",
  "bucket_name": "my_log_bucket",
  "user": "deadbeef479374nnphvohd4nlp@developer.gserviceaccount.com",
  "secret_key": "-----BEGIN PRIVATE KEY-----
MIIEvgIBADANBgkqhkiG9w0BAQEFAAASCBKgwgSkAgEAAoIBAQCG7b7PG9ya1Yd5AL\nNozFJB/VWS53KWB1l769kJVlmgMks6r6Xrv8w6rjxWKjZeDrnXVf7UDa0F\n\n
---END PRIVATE KEY-----

"path": ",
"response_condition": 
"format": 
"timestamp_format": 
}``

https://docs.fastly.com/api/aio

143/166
- **format** - Apache style log formatting.
- **response_condition** - When to execute the logentry. If empty, always execute.

**Actions**

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

Get the Logentry for a particular service and version

**Authentication**

none

**Request Example**

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logentries/test-logentries
Fastly-Key: d3cafb4d4de4dbef
Accept: application/json
```

**Response Example**

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

{
  "name": "test-logentries",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "port": "514",
  "use_tls": "0",
  "response_condition": "",
  "format": "%h %l %u %t "$r" %s %b"
}
```

**GET** /service/ service_id /version/ version /logging/logentries

List all of the Logentries for a particular service and version

**Authentication**

none

**Request Example**

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logentries
Fastly-Key: d3cafb4d4de4dbef
Accept: application/json
```

**Response Example**
POST /service/ service_id /version/ version /logging/logentries

Create a Logentry for a particular service and version

Authentication
none

Request Example

POST /service/SUlZ0isxPaozGVKXdv0eY/version/1/logging/logentries
Fastly-Key: d3cafb4dde4dbee
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=test-logentries&port=5140

Response Example

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

{
    "name": "test-logentries",
    "service_id": "SUlZ0isxPaozGVKXdv0eY",
    "version": "1",
    "port": "5140",
    "use_tls": "0",
    "response_condition": "",
    "format": "%h %l %u %t "%r" %s %b"
}
Delete the Logentry for a particular service and version

Authentication
none

Request Example

```plaintext
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logentries/test-logentries
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

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

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

Update the Logentry for a particular service and version

Authentication
none

Request Example

```plaintext
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logentries/test-logentries
Fastly-Key: d3cafb4dde4dbeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=updated-logentries
```

Response Example

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

{
   "name":"updated-logentries",
   "service_id":"SU1Z0isxPaozGVKXdv0eY",
   "version":"1",
   "port":"5140",
   "use_tls":"0",
   ...
}
```
Papertrail

Fastly will stream log messages to the Papertrail account, and in the format, specified in the Papertrail object.

Fields

- **name** - The name of the papertrail rule.
- **address** - An IPv4, IPv6 or hostname address.
- **port** - The port number.
- **format** - Apache style log formatting.
- **response_condition** - When to execute the papertrail. If empty, always execute.

Actions

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

Get the Papertrail for a particular service and version

Authentication

none

Request Example

```plaintext
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/papertrail/test-papertrail
Fastly-Key: d3cafb4dde4dbee
Accept: application/json
```

Response Example

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

{
    "name": "test-papertrail",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "version": "1",
    "port": "5140",
    "response_condition": "",
    "format": "%h %l %u %t \"%r\" %s %b"
}
```
**GET**  /service/ service_id /version/ version /logging/papertrail

List all of the Papertrails for a particular service and version

Authentication

none

Request Example

```plaintext
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/papertrail
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

[

{
  "name": "test-papertrail",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "port": "5140",
  "response_condition": "",
  "format": "%h %l %u %t "%r" %s %b"
}
]
```

**POST**  /service/ service_id /version/ version /logging/papertrail

Create a Papertrail for a particular service and version

Authentication

none

Request Example

```plaintext
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/papertrail
Fastly-Key: d3cafb4dde4dbeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=test-papertrail&amp;address=example.com
```

Response Example

```
HTTP/1.1 200 OK
```
Delete the Papertrail for a particular service and version

Authentication

none

Request Example

DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/papertrail/test-papertrail
Fastly-Key: d3cafb4d4dbeeef
Accept: application/json

Response Example

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

{ "status":"ok" }

Update the Papertrail for a particular service and version

Authentication

none

Request Example

PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/papertrail/test-papertrail
Fastly-Key: d3cafb4d4dbeeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json
name=updated-papertrail

Response Example

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

```json
{
    "name": "updated-papertrail",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "version": "1",
    "port": "5140",
    "response_condition": "",
    "format": "%h %l %u %t \"%r\" %>s %b"
}
```

S3

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

Fields

- **name** - The name of the s3 rule.
- **bucket_name** - The bucket name for S3 account.
- **access_key** - Your S3 account access key.
- **secret_key** - Your S3 account secret key.
- **path** - The path to upload logs to.
- **period** - How frequently the logs should be dumped (in seconds, default 3600).
- **gzip_level** - What level of GZIP encoding to have when dumping logs (default 0, no compression).
- **format** - Apache style log formatting.
- **response_condition** - When to execute the s3. If empty, always execute.
- **timestamp_format** - strftime specified timestamp formatting (default "%Y-%m-%dT%H:%M:%S.000").

Actions

GET /service/ service_id /version/ version /logging/s3/ name
Get the S3 for a particular service and version

Authentication
none

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/s3/test-s3
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

{
  "name": "test-s3",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "bucket_name": "my_corporate_bucket",
  "access_key": "AKIAIOSFODNN7EXAMPLE",
  "secret_key": "wJalrXUtNFEml7MDENgbPxFiCYEXAMPLEKEY",
  "path": "",
  "domain": "example.com",
  "response_condition": "",
  "format": "%h %l %u %t "%r" %>s %b",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000"
}
```
POST /service/service_id/version/version/logging/s3

Create a S3 for a particular service and version

Authentication

none

Request Example

POST /service/SU1Z0isxPaozGVXXdv0eY/version/1/logging/s3
Fastly-Key: d3cafb4dde4dbee
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=test-s3&bucket_name=my_corporate_bucket&access_key=AKIAIOSFODNN7EXAMPLE&secret_key=wJalrXUtFEMI/K7MDENG/bPxRfYEXAMPLEKEY

Response Example

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

```json
{
  "name": "test-s3",
  "service_id": "SU1Z0isxPaozGVXXdv0eY",
  "version": "1",
  "bucket_name": "my_corporate_bucket",
  "access_key": "AKIAIOSFODNN7EXAMPLE",
  "secret_key": "wJalrXUtFEMI/K7MDENG/bPxRfYEXAMPLEKEY",
  "path": "",
  "domain": "example.com",
  "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/s3/ name

Delete the S3 for a particular service and version

Authentication

none

Request Example

DELETE /service/SU1z0isxApozGvKxvd0eY/version/1/logging/s3/test-s3
Fastly-Key: d3c4fbd4d4beef
Accept: application/json

Response Example

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

{ "status": "ok" }

PUT /service/ service_id /version/ version /logging/s3/ old_name

Update the S3 for a particular service and version

Authentication

none

Request Example

PUT /service/SU1z0isxApozGvKxvd0eY/version/1/logging/s3/test-s3
Fastly-Key: d3c4fbd4d4beef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=updated-s3

Response Example

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

{ "name": "updated-s3",
  "service_id": "SU1z0isxApozGvKxvd0eY",
  "version": "1",
  "bucket_name": "my_corporate_bucket" }
"access_key": "AKIAIOSFODNN7EXAMPLE",
"secret_key": "wJalrXUtneFEMI/K7MDENG/bPxRfiCYEXAMPLEKEY",
"path": ",
"domain": "example.com",
"response_condition": ",
"format": "%h %l %u %t \"%r\" %>s %b",
"timestamp_format": "%Y-%m-%dT%H:%M:%S.000"
}

## Sumologic

Fastly will POST messages to the Sumologic account, and in the format, specified in the Sumologic object.

### Fields

- **name** - The name of the sumologic rule.
- **address** - An IPv4, IPv6 or hostname address.
- **url** - The URL to POST to.
- **format** - Apache style log formatting.
- **response_condition** - When to execute the sumologic. If empty, always execute.

### Actions

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

Get the Sumologic for a particular service and version

**Authentication**

none

**Request Example**

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/sumologic/test-sumologic
Fastly-Key: d3cafb4d0e4db1eef
Accept: application/json
```

**Response Example**

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

{
   "name": "test-sumologic",
   "service_id": "SU1Z0isxPaozGVKXdv0eY",
}
GET /service/ service_id /version/ version /logging/sumologic

List all of the Sumologics for a particular service and version

Authentication

none

Request Example

GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/sumologic
Fastly-Key: d3cafb4dde4dbee
Accept: application/json

Response Example

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

[{
  "name": "test-sumologic",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "url": "https://sumologic.net/v1/http/your_end_point_here"
  "response_condition": "",
  "format": "%h %l %u %t "%r" %>s %b"
}]

POST /service/ service_id /version/ version /logging/sumologic

Create a Sumologic for a particular service and version

Authentication

none

Request Example

POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/sumologic
Fastly-Key: d3cafb4dde4dbee
Content-Type: application/x-www-form-urlencoded
Accept: application/json
name=test-sumologic&url=https://sumologic.net/v1/http/your_end_point_here

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

Delete the Sumologic for a particular service and version

Authentication
none

Request Example

DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/sumologic/test-sumologic
Fastly-Key: d3cafb4dde4dbeeef
Accept: application/json

Response Example

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

```
{
  "name": "test-sumologic",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "url": "https://sumologic.net/v1/http/your_end_point_here"
  "response_condition": ",",
  "format": "%h %l %u %t "$r" %s %b"
}
```

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

Update the Sumologic for a particular service and version

Authentication
none

Request Example

```plaintext
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/sumologic/test-sumologic
Fastly-Key: d3cafb4dde4dbee
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=updated-sumologic
```

Response Example

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

{
    "name": "updated-sumologic",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "version": "1",
    "url": "https://sumologic.net/v1/http/your_end_point_here"
    "response_condition": "",
    "format": "%h %l %u %t \"%r\" %s %b"
}
```

**Syslog**

Fastly will stream log messages to the location, and in the format, specified in the Syslog object.

**Fields**

- **name** - The name of the syslog rule.
- **address** - An IPv4, IPv6 or hostname address.
- **port** - The port number.
- **use_tls** - Whether to use TLS for secure logging.
- **tls_ca_cert** - A secure certificate to authenticate the server with.
- **token** - Whether to prepend each message with a specific token.
- **format** - Apache style log formatting.
- **response_condition** - When to execute the syslog. If empty, always execute.

**Actions**
GET /service/ service_id /version/ version /syslog/ name

Get the Syslog for a particular service and version

Authentication

API key (/guides/account-management-and-securityfinding-and-managing-your-account-
info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least
Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-
them).

Request Example

GET /service/SU1Z0isxPaozGVXdv0eY/version/1/syslog/test-syslog
Fastly-Key: d3cafb4d4d4beef
Accept: application/json

Response Example

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

{  
"name": "test-syslog",
"service_id": "SU1Z0isxPaozGVXdv0eY",
"version": "1",
"address": "example.com",
"hostname": "example.com",
"port": "514",
"ipv4": "127.0.0.1",
"use_tls": "0",
"tls_ca_cert": "",
"token": "",
"response_condition": "",
"format": "%h %l %u %t "%r" %s %b"
}

GET /service/ service_id /version/ version /syslog

List all of the Syslogs for a particular service and version

Authentication

API key (/guides/account-management-and-securityfinding-and-managing-your-account-
info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4dde4dbeeef  
Accept: application/json

Response Example

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

[  
  
  
  
  
  ]

POST /service/service_id/version/version/syslog

Create a Syslog for a particular service and version

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4dde4dbeeef  
Content-Type: application/x-www-form-urlencoded  
Accept: application/json

name=test-syslog&address=example.com

Response Example

HTTP/1.1 200 OK
**DELETE /service/ service_id /version/ version /syslog/ name**

Delete the Syslog for a particular service and version

**Authentication**

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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: d3cafb4dde4dbeef
Accept: application/json
```

**Response Example**

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

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

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/syslog/test-syslog
Fastly-Key: d3caf4dde4dbee
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=updated-syslog
```

Response Example

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

{
  "name": "updated-syslog",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "address": "example.com",
  "hostname": "example.com",
  "port": "514",
  "ipv4": "127.0.0.1",
  "use_tls": "0",
  "tls_ca_cert": "",
  "token": "",
  "response_condition": "",
  "format": "%h %l %u %t \"%r\" %s %b"
}
```

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 key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

- **url** - 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

[
  {
    "cache-a15",
    "body_hash" : "d41d8cd98f00b204e9800998ecf8427e",
    "headers" : {
      "x-served-by" : "cache-a15-AMS",
      "connection" : "close",
      "date" : "Tue, 07 Feb 2012 01:50:45 GMT",
      "age" : "0",
      "via" : "1.1 varnish",
      "retry-after" : "0",
      "x-cache-hits" : "0",
      "x-cache" : "MISS",
      "server" : "Varnish"
    },
    "status_code" : 550,
    "time" : 377
  },
  ...
]
```
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

[
  {
    "description": [ "An array of strings describing the endpoint",
      ... ],
    "fields": [ "one Array of fields",
      "two the first word is the field name",
      ... ],
    "section": "Categorical_section",
    "actions": [ {
      "authentication": "key",
      "url": "/docs",
      "http_method": "GET",
      "description": "Action Description",
      "request": ...,
      "response": ...,
      "response_body": ...,
    }
  }, ...
]
```

**GET /docs/subject/ endpoint**

Gets all documentation relating to a given 'Subject'

**Authentication**

none

**Request Example**
GET /docs/subject/:subject

Response Example

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

{
  "description": [ "An array of strings describing the endpoint", ...

  "fields": ["one Array of fields",
              "two the first word is the field name",
              ...
    ],
  "section": "Categorical_section",
  "actions": [ ]
}

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

- invert - boolean used get everything that does not match section

Request Example

GET /docs/section/:section

Response Example

HTTP/1.1 200 OK
Content-Type: application/json
[{
    "description": [ "An array of strings describing the endpoint",
                    ... ],
    "fields": [ "one Array of fields",
                "two the first word is the field name",
                ... ],
    "section": "Categorical_section",
    "actions": [ {
                  "authentication": "key",
                  "url": "/docs",
                  "http_method": "GET",
                  "description": "Action Description",
                  "request": ...
                },
                     ... ]
}]

---

**Public Ip List**

**Actions**

**GET** /public-ip-list

List public IP addresses for Fastly network

**Authentication**

none

**Request Example**

```text
GET /public-ip-list
Accept: application/json
```

**Response Example**

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

```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",
] }