API (/api/)

Authentication (/api/auth)
You authenticate to the Fastly API in one of three ways: via API tokens, API key, or a session.

API tokens
API tokens are unique authentication identifiers that you can create for the users and applications authorized to interact with your service. You can scope the authorization of tokens to a single service, and you can restrict access to purge all by limiting tokens to purging by URL and surrogate keys. Because users can create multiple API tokens, you can rotate tokens without taking services offline, and you can revoke individual tokens without having to update other API integrations.

IMPORTANT: This feature is part of a limited availability release. For more information, see our product and feature life cycle descriptions.

Two-factor authentication
API tokens support two-factor authentication. Send the generated one-time password via the Fastly-OTP header when creating a token, as shown below.

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

Availability
Currently, all endpoints that support API keys also support API tokens. In addition to checking if the user is authenticated, the API will check if the user's role is authorized to perform the requested action. For example, billing endpoints will require an API token issued for a billing user (or superuser).

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

- api-key: This is the default scope. Grants the same access level as conventional Fastly API keys.
• **purge**: Allows purging with surrogate-key and URL. Disallows purging with purge all.

• **purge_all**: Allows purging an entire service.

You can also scope the authorization of tokens to a single service by specifying the `service_id` in a parameter in the POST `/tokens` action.

### Expiration

You can optionally set API tokens to expire at a specified date and time. After a token expires, using it for any request will return an HTTP 401 response. Specify the expiration date by using the `expires_at` parameter in the POST `/tokens` action. Format the date and time in ISO 8601 format (e.g., 2016-07-28T19:24:50+00:00).

### Backward compatibility

API tokens are compatible with API keys, and can be included in any API calls in the `Fastly-Key` HTTP header. The Fastly API will check the provided key against both API keys as well as API tokens. Fastly API clients can use an API token value instead of an existing API key.

### Limitations

API tokens currently have the following limitations:

• Creating, using, and deleting API tokens is currently only available via the API.

• Tokens are associated with the user who created them. If a user’s account is deleted, the API tokens associated with that user’s account are revoked.

• When you generate a new token, you should store it in a safe place and keep it secret. For security reasons, you won’t be able to retrieve the token later.

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

• Tokens carry the same permission model (/guides/user-access-and-control/user-roles-and-how-to-change-them) as the user. For example, if you are a billing user, then your token will only allow you to perform the capabilities of the billing role.

### API reference

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

### Fields

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>id</td>
<td>string</td>
<td>The alphanumeric string identifying a token.</td>
</tr>
</tbody>
</table>
### GET /tokens

List all tokens belonging to the authenticated user.

**Authentication**

API token (/api/auth#tokens)

**Request Example**

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

**Response Example**

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

[
    {
        "id": "5Yo3XXnrQpjc20u0ybrf2g",
        "user_id": "4y5K5trZocEAQYkesWlk7M",
        "service_id": null,
        "name": "my_token",
        "scope": "api-key",
        "created_at": "2016-06-22T03:19:48+00:00",
        "expires_at": "2016-07-28T19:24:50+00:00",
    }
]
```
List all tokens belonging to a specific customer

Authentication

API token (/api/auth#tokens)

Request Example

```
GET /customer/:id/tokens
Fastly-Key: d3cafb4dde4dbeeef
Accept: application/json
```

Response Example

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

[
  {
    "id": "5Yo3XXnrQpjc20u0ybrf2g",
    "user_id": "4y5K5trZocEAQYkesWlk7M",
    "service_id": null,
    "name": "my_token",
    "scope": "api-key",
    "created_at": "2016-06-22T03:19:48+00:00",
    "expires_at": "2016-07-28T19:24:50+00:00",
  }
]
```

GET /tokens/self

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

Authentication

API token (/api/auth#tokens)

Request Example

```
GET /tokens/self
Fastly-Key: d3cafb4dde4dbeeef
Accept: application/json
```

Response Example

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

{
  "id": "5Yo3XXnrQpjc20u0ybrf2g",
  "user_id": "4y5K5trZocEAQYkesWlk7M",
  "service_id": null,
  "name": "my_token",
  "scope": "api-key",
  "created_at": "2016-06-22T03:19:48+00:00",
  "expires_at": "2016-07-28T19:24:50+00:00",
}
```
POST /tokens

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

Authentication

Username and password

Request Example

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

"username=me@example.com&password=secret&service_id=5VqE6MOOy1QFJbgmCK41pY&expires_at=2016-07-28T19:24:50+00:00"
```

Response Example

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

{
  "id": "5Yo3XXnr0pjC20u0ybrf2g",
  "access_token": "d3cafb4dde4d64ef",
  "user_id": "4y5K5trZocEAQykesWlk7M",
  "service_id": "5VqE6MOOy1QFJbgmCK41pY",
  "name": "my_token",
  "scope": "api-key",
  "expires_at": "2016-07-28T19:24:50+00:00",
  "created_at": "2016-06-22T03:19:48+00:00"
}
```

DELETE /tokens/self

Revoke a token that is used to authenticate the request.

Authentication

API token (/api/auth#tokens)

Request Example

```plaintext
DELETE /tokens/self
Fastly-Key: d3cafb4dde4d64ef
Accept: application/json

Response Example

HTTP/1.1 204 No Content
Content-Type: application/json
```
Revoke a specific token by its id.

Authentication

API token (/api/auth#tokens)

Request Example

```
DELETE /tokens/5Yo3XXnrOpjc20u0ybrf2g
Fastly-Key: d3cafb4d6e4beef
Accept: application/json
```

Response Example

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

Troubleshooting

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

**POST /tokens**

An HTTP 400 response with a JSON body containing an error code is returned on error.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>invalid_grant</td>
<td>Supplied username/password combination is not correct</td>
</tr>
<tr>
<td>invalid_request</td>
<td>The username/password combination is not supplied. If you're using cURL on the command line, make sure the options are correct.</td>
</tr>
<tr>
<td>account_locked</td>
<td>Your account is locked.</td>
</tr>
<tr>
<td>2fa.verify</td>
<td>Your 2FA token is not supplied or is expired.</td>
</tr>
</tbody>
</table>

**GET /tokens**

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

**GET /tokens/self**

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

**DELETE /tokens/:token_id**

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

**DELETE /tokens/self**

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

**API key**

Your account has a master API key which is scoped to the entire account. You can find the API key on the Account page ([/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-displaying-your-api-key](https://docs.fastly.com/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-displaying-your-api-key)) in the web interface. Include your API key ([/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-displaying-your-api-key](https://docs.fastly.com/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-displaying-your-api-key)) as a `Fastly-Key` header. For example:

```plaintext
GET /some/path
Host: https://api.fastly.com
Fastly-Key: d3cafb4dde4dbeef
```

As a simplified cURL example, it would look like this:

```bash
curl -H "Fastly-Key: d3cafb4dde4dbeef" https://api.fastly.com/some/path
```

**Session**


Some API endpoints allow for **session** authentication. This is similar to how your web browser sends information back and forth to the Fastly web interface (https://manage.fastly.com/).

To gain a session token, first **POST** your user and password the `/login` endpoint with the parameters `user` and `password`. For example:

```plaintext
POST /login
Host: https://api.fastly.com
Content-Type: application/x-www-form-urlencoded

user=testowner@example.com&password=superSecretPassword
```

As a simplified cURL example:

```bash
curl -d "user=testowner@example.com&password=superSecretPassword" https://api.fastly.com/login
```
NOTE: The `--d` argument will cause cURL to make the request a **POST** action with the supplied value as a standard **application/x-www-form-urlencoded** encoded payload. Depending on your framework, you may have to explicitly set the request to **POST** and set the **Content-Type** header.

This request will return a session ident in the `fastly.session` value in the form of a standard cookie format (https://en.wikipedia.org/wiki/HTTP_cookie) header.

Most utilities and frameworks include some facility for storing returned cookies, and for sending them with later requests.

### 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

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>admin</td>
<td>boolean</td>
<td>Indicates if event was performed by Fastly.</td>
</tr>
<tr>
<td>created_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the record was created.</td>
</tr>
<tr>
<td>customer_id</td>
<td>string</td>
<td>ID of the customer who performed the event.</td>
</tr>
<tr>
<td>description</td>
<td>string</td>
<td>Description of the event.</td>
</tr>
<tr>
<td>event_type</td>
<td>string</td>
<td>Type of event. Can be used with <code>filter[event_type]</code>. One of:</td>
</tr>
<tr>
<td>api_key.create</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>address.create</td>
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<tr>
<td>address.delete</td>
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<td>address.update</td>
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<tr>
<td>backend.create</td>
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<td>backend.delete</td>
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<td>backend.update</td>
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<td>type</td>
<td>description</td>
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<td>customer.create</td>
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<td>director.update</td>
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<tr>
<td>director_backend.create</td>
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<td>director_backend.delete</td>
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<td>domain.delete</td>
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<td>domain.update</td>
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<td>gzip.delete</td>
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<td>gzip.update</td>
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<td>header.update</td>
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<td>logging.delete</td>
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<td>logging.update</td>
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<td>request_settings.delete</td>
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<tr>
<td>request_settings.update</td>
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<td>response_object.delete</td>
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<td>response_object.update</td>
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<td>rule_status.update</td>
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<td>rule_status.upsert</td>
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<td>service.move</td>
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<td>service.move_source</td>
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<tr>
<td>service.purge_all</td>
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<td>service.update</td>
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<tr>
<td>token.create</td>
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<tr>
<td>token.destroy</td>
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<tr>
<td>field</td>
<td>type</td>
<td>description</td>
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</tr>
<tr>
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<td>user.destroy</td>
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<tr>
<td>user.lock</td>
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<tr>
<td>user.login</td>
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</tr>
<tr>
<td>user.login_failure</td>
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<td>user.logout</td>
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<tr>
<td>user.password_update</td>
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<tr>
<td>user.unlock</td>
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<tr>
<td>user.update</td>
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<td>vcl.create</td>
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<td>vcl.delete</td>
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<td>vcl.update</td>
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<td>version.activate</td>
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<tr>
<td>version.clone</td>
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<td>version.copy</td>
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<tr>
<td>version.copy_destination</td>
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<tr>
<td>version.copy_source</td>
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<tr>
<td>version.create</td>
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<tr>
<td>version.deactivate</td>
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<td>version.lock</td>
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<tr>
<td>version.update</td>
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<tr>
<td>waf.create</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>waf.delete</td>
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</tr>
</tbody>
</table>
### 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-displaying-your-api-key](https://docs.fastly.com/api/aio)) or session cookie ([/api/auth#session](https://docs.fastly.com/api/aio)).

### Parameters

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

### Request Example
GET /events?filter[customer_id]=x4xCwxxJxGCx123Rx5xTx&page[number]=1&page[size]=1
Fastly-Key: d3cafb4dde4dbeef
Accept: application/vnd.api+json

Response Example

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

{
  "data": [
    {
      "attributes": {
        "admin": false,
        "created_at": "2016-06-06T20:05:10Z",
        "customer_id": "x4xCwxxJxGCx123Rx5xTx",
        "description": "Version 2 was activated",
        "event_type": "version.activate",
        "ip": "127.0.0.0",
        "metadata": {
          "version_number": 2
        },
        "service_id": "SU1Z0iszPaozGVXxVd0eY",
        "user_id": "4Pp0BWJkBEJhG3N0kovLP"
      },
      "id": "5IH1QmNSV1Qi7jXc4oIZL",
      "type": "event"
    }
  ],
  "links": {
    "last": "http://app.fastly.com/events?
filter[customer_id]=x4xCwxxJxGCx123Rx5xTx&page[number]=1&page[size]=1"
  }
}

GET /events/ event_id

Get a specific event

Authentication

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

Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>event_id</td>
<td>string</td>
<td>The event ID.</td>
</tr>
</tbody>
</table>

Request Example

GET /events/1PTzLK8g1NRKMgu5kUb8SC
Fastly-Key: d3cafb4dde4dbeef
Accept: application/vnd.api+json

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

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

Billing

Get information on current and past bills.

Fields

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

**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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Billing permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

**Parameters**
<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>month</td>
<td>integer</td>
<td>2-digit month.</td>
</tr>
<tr>
<td>year</td>
<td>integer</td>
<td>4-digit year.</td>
</tr>
</tbody>
</table>

Request Example

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

Response Example

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

{
  "end_time": "2016-05-31T23:59:59Z",
  "invoice_id": "4ecwvWr9TQp1D9tSzdnMfC",
  "regions": {
    "asia": {
      "bandwidth": {
        "tiers": [
          {
            "name": "first 10TB",
            "price": 0.19,
            "total": 0.0,
            "units": 0.0
          }
        ],
        "total": 0.0
      },
      "cost": 0.0,
      "requests": {
        "tiers": [
          {
            "name": "per 10,000 HTTP requests",
            "price": 0.009,
            "total": 0.0,
            "units": 0.0
          },
          {
            "name": "per 10,000 HTTPS requests",
            "price": 0.012,
            "total": 0.0,
            "units": 0.0
          }
        ],
        "total": 0.0
      }
    },
    "australia": {
      "bandwidth": {
        "tiers": [
          {
            "name": "first 10TB",
            "price": 0.19,
            "total": 0.0,
            "units": 0.0
          }
        ],
        "total": 0.0
      }
    }
  }
}
```
"tiers": [
  {
    "name": "per 10,000 HTTP requests",
    "price": 0.016,
    "total": 0.0,
    "units": 0.0
  },
  {
    "name": "per 10,000 HTTPS requests",
    "price": 0.016,
    "total": 0.0,
    "units": 0.0
  }
],
"total": 0.0
},
"usa": {
  "bandwidth": {
    "tiers": [
      {
        "name": "first 10TB",
        "price": 0.12,
        "total": 3.19741663169861e-05,
        "units": 0.0002664513885974884
      }
    ],
    "total": 3.19741663169861e-05
  },
  "cost": 7.69741663169861e-05,
  "requests": {
    "tiers": [
      {
        "name": "per 10,000 HTTP requests",
        "price": 0.0075,
        "total": 4.4999999999999996e-05,
        "units": 0.006
      },
      {
        "name": "per 10,000 HTTPS requests",
        "price": 0.01,
        "total": 0.0,
        "units": 0.0
      }
    ],
    "total": 4.4999999999999996e-05
  }
}
],
"services": {
  "2LrVBC3muQ92X2a0ZT083Z": {
    "asia": {
      "bandwidth": 0.0,
      "requests": 0.0,
      "ssl_requests": 0.0
    },
    "australia": {
      "bandwidth": 0.0,
      "requests": 0.0,
      "ssl_requests": 0.0
    },
    "europe": {
      "bandwidth": 5.448237061500549e-06,
      "requests": 6.0,
      "ssl_requests": 0.0
    }
  }
}
Billing Address

A billing address is used to calculate your bill correctly.

Fields

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

**Actions**

**GET** /customer/ customer_id /billing_address

Get a customer's billing address

**Authentication**

Session cookie (/api/auth#session) with at least Billing permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

**Parameters**

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>customer_id</td>
<td>string</td>
<td>The Customer ID.</td>
</tr>
</tbody>
</table>

**Request Example**

GET /customer/CUSTOMER_ID/billing_address

Content-Type: application/vnd.api+json

**Response Example**

HTTP/1.1 200 OK

Content-Type: application/vnd.api+json

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

**POST** /customer/ customer_id /billing_address

Add a billing address for a customer
Authentication

session cookie (/api/auth#session) with at least Billing permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>customer_id</td>
<td>string</td>
<td>The Customer ID.</td>
</tr>
</tbody>
</table>

Request Example

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

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

Response Example

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

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

PATCH /customer/ customer_id /billing_address

Update a customer’s billing address

Authentication

session cookie (/api/auth#session) with at least Billing permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters
**DELETE**  /customer/ customer_id /billing_address

Delete a customer's billing address

**Authentication**

session cookie (/api/auth#session) with at least Billing permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

**Parameters**

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>customer_id</td>
<td>string</td>
<td>The Customer ID.</td>
</tr>
</tbody>
</table>

**Request Example**

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

**Response Example**

```
HTTP/1.1 204 No Content
Content-Type: application/vnd.api+json
```
A Customer is the base object which owns your Users and Services

### Fields

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>billing_contact_id</td>
<td>string</td>
<td>The alphanumeric string representing the primary billing contact.</td>
</tr>
<tr>
<td>billing_network_type</td>
<td>string</td>
<td>Customer’s current network revenue type. Can be Public or Private.</td>
</tr>
<tr>
<td>billing_ref</td>
<td>string</td>
<td>Used for adding purchased orders to customer’s account.</td>
</tr>
<tr>
<td>can_configure_wordpress</td>
<td>boolean</td>
<td>Whether this customer can view or edit wordpress. Read Only.</td>
</tr>
<tr>
<td>can_reset_passwords</td>
<td>boolean</td>
<td>Whether this customer can reset passwords. Read Only.</td>
</tr>
<tr>
<td>can_upload_vcl</td>
<td>boolean</td>
<td>Whether this customer can upload VCL. Read Only.</td>
</tr>
<tr>
<td>created_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the user or customer was created.</td>
</tr>
<tr>
<td>deleted_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the user or customer was deleted.</td>
</tr>
<tr>
<td>email_hash</td>
<td>string</td>
<td>The alphanumeric string identifying the user’s email login.</td>
</tr>
<tr>
<td>force_2fa</td>
<td>boolean</td>
<td>Specifies whether 2fa is forced or not forced on the customer account.</td>
</tr>
<tr>
<td>has_account_panel</td>
<td>boolean</td>
<td>Specifies whether the account has access or does not have access to the account panel.</td>
</tr>
<tr>
<td>has_improved_events</td>
<td>boolean</td>
<td>Specifies whether the account has access or does not have access to the improved events.</td>
</tr>
<tr>
<td>has_improved_ssl_config</td>
<td>boolean</td>
<td>Whether this customer can view or edit the ssl config. Read Only.</td>
</tr>
<tr>
<td>has_openstack_logging</td>
<td>boolean</td>
<td>Specifies whether the account has enabled or not enabled openstack logging.</td>
</tr>
<tr>
<td>field</td>
<td>type</td>
<td>description</td>
</tr>
<tr>
<td>--------------------</td>
<td>-----------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>has_pci</td>
<td>boolean</td>
<td>Specifies whether the account can edit PCI for a service.</td>
</tr>
<tr>
<td>has_pci_passwords</td>
<td>boolean</td>
<td>Specifies whether PCI passwords are required for the account. Read only.</td>
</tr>
<tr>
<td>id</td>
<td>string</td>
<td>The alphanumeric string identifying the customer.</td>
</tr>
<tr>
<td>ip_whitelist</td>
<td>string</td>
<td>The range of IP addresses authorized to access the customer account.</td>
</tr>
<tr>
<td>login</td>
<td>string</td>
<td>The email used to login to Fastly.</td>
</tr>
<tr>
<td>name</td>
<td>string</td>
<td>The name of the customer, generally the company name.</td>
</tr>
<tr>
<td>owner_id</td>
<td>string</td>
<td>The alphanumeric string identifying the account owner.</td>
</tr>
<tr>
<td>phone_number</td>
<td>string</td>
<td>The phone number associated with the account.</td>
</tr>
<tr>
<td>postal_address</td>
<td>string</td>
<td>The postal address associated with the account.</td>
</tr>
<tr>
<td>pricing_plan</td>
<td>string</td>
<td>The pricing plan this customer is under.</td>
</tr>
<tr>
<td>pricing_plan_id</td>
<td>string</td>
<td>The alphanumeric string identifying the pricing plan.</td>
</tr>
<tr>
<td>readonly</td>
<td>boolean</td>
<td></td>
</tr>
<tr>
<td>require_new_password</td>
<td>boolean</td>
<td>Specifies whether a new password is required or not required at next login.</td>
</tr>
<tr>
<td>requires_support_email</td>
<td>boolean</td>
<td></td>
</tr>
<tr>
<td>role</td>
<td>string</td>
<td>The designated role or permissions for the user. Can be Billing, Engineer, User, and Super User.</td>
</tr>
<tr>
<td>two_factor_auth_enabled</td>
<td>boolean</td>
<td>Specifies whether 2fa is enabled or not enabled on the account.</td>
</tr>
<tr>
<td>two_factor_setup_required</td>
<td>boolean</td>
<td>Specifies whether 2fa is required for the user account.</td>
</tr>
<tr>
<td>updated_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the user or customer was updated.</td>
</tr>
</tbody>
</table>

Actions

**GET** /customer/ id /users
List all users from a specified customer id

Authentication

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

Request Example

```
GET /customer/4mp6jxt825b4be5jIhXz00/users
Content-Type: application/x-www-form-urlencoded
```

Response Example

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

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

Get a specific customer

Authentication

session cookie (/api/auth#session).

Request Example

GET /customer/hTE5dR1SBICGPJxJwCH4M

Response Example

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

{
  "billing_contact_id": null,
  "billing_network_type": "public",
  "billing_ref": null,
  "can_configure_wordpress": false,
  "can_reset_passwords": true,
  "can_upload_vcl": false,
  "created_at": "2016-06-14T14:43:01+00:00",
  "deleted_at": null,
  "force_2fa": false,
  "has_account_panel": true,
  "has_improved_events": false,
  "has_improved_ssl_config": false,
  "has_openstack_logging": false,
  "has_pci": false,
  "has_pci_passwords": false,
  "id": "hTE5dR1SBICGPJxJwCH4M",
  "ip_whitelist": "0.0.0.0/0",
  "name": "Test Account",
  "owner_id": "x9KzsrACXZv8tPwlEDsKb6",
  "phone_number": "5555555559",
  "postal_address": "",
  "pricing_plan": "customer",
  "pricing_plan_id": "5PMLv2VdXE8xNbmMc9xayC",
  "readonly": true,
  "requires_support_email": false,
  "updated_at": "2016-04-07T17:21:06+00:00",
}
PUT /customer/ id

Update a customer

Authentication

session cookie (/api/auth#session).

Request Example

```
PUT /customer/4mp6jxt825b4be5jIhXz0O
Content-Type: application/x-www-form-urlencoded

name=updated-test-account
```

Response Example

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

{
    "billing_contact_id": null,
    "billing_network_type": "public",
    "billing_ref": null,
    "can_configure_wordpress": false,
    "can_reset_passwords": true,
    "can_upload_vcl": false,
    "created_at": "2016-06-14T14:43:01+00:00",
    "deleted_at": null,
    "force_2fa": false,
    "has_account_panel": true,
    "has_improved_events": false,
    "has_improved_ssl_config": false,
    "has_openstack_logging": false,
    "has_pci": false,
    "has_pci_passwords": false,
    "id": "hTE5dRlSBICGPJxJwCH4M",
    "ip_whitelist": "0.0.0.0/0",
    "name": "updated-test-account",
    "owner_id": "x9KzsrACXZv8tPwEDsKb6",
    "phone_number": "5555555559",
    "postal_address": null,
    "pricing_plan": "developer",
    "pricing_plan_id": "6HW4welznAHVnMCJhY9QdX",
    "readonly": false,
    "requires_support_email": false,
    "updated_at": "2016-06-14T14:43:01+00:00",
}
```
DELETE  /customer/ id

Delete a customer

Authentication

session cookie (/api/auth#session).

Request Example

DELETE  /customer/4mp6jxt8z5b4be5jIhXz0O

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. We track events such as activation and deactivation of Versions and mass purges.

Fields

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>details</td>
<td>string</td>
<td>A more verbose explanation of the event.</td>
</tr>
<tr>
<td>level</td>
<td>integer</td>
<td>Defines how serious the event is. Lower is more serious.</td>
</tr>
<tr>
<td>message</td>
<td>string</td>
<td>A brief string explaining the event.</td>
</tr>
<tr>
<td>object_type</td>
<td>string</td>
<td>The type of object this message is for. (Ex: service, user, etc.)</td>
</tr>
<tr>
<td>ref_id</td>
<td>string</td>
<td>The id of the object to which this log message applies.</td>
</tr>
<tr>
<td>subsystem</td>
<td>string</td>
<td>Unused.</td>
</tr>
<tr>
<td>system</td>
<td>string</td>
<td>Unused.</td>
</tr>
<tr>
<td>timestamp</td>
<td>integer</td>
<td>A Unix timestamp of when the event occurred.</td>
</tr>
</tbody>
</table>

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-displaying-your-api-key) or session cookie (/api/auth#session) 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).

Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>limit</td>
<td>integer</td>
<td>Raise or lower number of items returned. (default 20)</td>
</tr>
<tr>
<td>after</td>
<td>integer</td>
<td>Offset response (default 0)</td>
</tr>
</tbody>
</table>

Request Example

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

Response Example

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

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

Invitation

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

Fields

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

**Actions**

**GET /invitation**

Get all open invitations created by the customer

**Authentication**

session cookie (/api/auth#session) with at least [Billing](/guides/user-access-and-control/user-roles-and-how-to-change-them) permissions.

**Request Example**

```plaintext
GET /invitation
```

**Response Example**

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

{
   "open_invitations": [(
      {
         "created_at": "2016-06-16T20:23:28+00:00",
         "customer_id": "43Bkzo3waLYxYFmkaEo",
         "email": "john@example.com",
         "id": "3Vyk3UNZCncwYa2hwjbo8A",
         "role": "superuser",
         "status_code": 1,
         "updated_at": "2016-06-16T20:23:28+00:00"
      }
   ),
   "permissible_roles": ["superuser", "engineer", "billing", "user"]
]
```
Create a new invitation and email it to the recipient.

Authentication

session cookie (/api/auth#session) with at least Billing permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

POST /invitation
Fastly-Key: d3cafb4dde4dbeeef
Accept: application/json
email=john@example.com

Response Example

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

{
  "created_at": "2016-06-16T20:26:58+00:00",
  "customer_id": "43BKzoa3waLyxYPmikcaEo",
  "email": "john@example.com",
  "id": "4812GvT2i5xIBi9LnEANzn",
  "role": "user",
  "status_code": 1,
  "updated_at": "2016-06-16T20:26:58+00:00"
}

PUT /invitation/:id/cancel

Cancel an open invitation

Authentication

session cookie (/api/auth#session) with at least Billing permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

PUT /invitation/:id/cancel
Fastly-Key: d3cafb4dde4dbeeef
Accept: application/json

Response Example

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

{
  "created_at": "2016-06-16T20:28:42+00:00",
  "customer_id": "43BKzoa3waLyxYPmikcaEo",
  "email": "john@example.com",
  "id": "27glbTu8T604fbnd2o6Uc",
  "role": "user",
  "status_code": 0,
  "updated_at": "2016-06-16T20:29:08+00:00"
}
Pricing Extras

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

Fields

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>active_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the extra became active.</td>
</tr>
<tr>
<td>active_time</td>
<td>string</td>
<td>Unused.</td>
</tr>
<tr>
<td>active_until</td>
<td>string</td>
<td>Time-stamp (GMT) when the extra was became inactive.</td>
</tr>
<tr>
<td>comment</td>
<td>string</td>
<td></td>
</tr>
<tr>
<td>created_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the extra was created.</td>
</tr>
<tr>
<td>customer_id</td>
<td>string</td>
<td>The alphanumeric string identifying the customer.</td>
</tr>
<tr>
<td>deleted_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the extra was deleted.</td>
</tr>
<tr>
<td>expires_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the extra expires.</td>
</tr>
<tr>
<td>id</td>
<td>string</td>
<td>The alphanumeric string indentifying the pricing extra.</td>
</tr>
<tr>
<td>name</td>
<td>string</td>
<td>The unique name of the pricing extra</td>
</tr>
<tr>
<td>netsuite_inventory_item_id</td>
<td>string</td>
<td>Unused.</td>
</tr>
<tr>
<td>recurring</td>
<td>integer</td>
<td>The recurring cost of the pricing extra, charged every month.</td>
</tr>
<tr>
<td>setup</td>
<td>integer</td>
<td>The setup cost of the pricing extra, only charged the month it was created.</td>
</tr>
</tbody>
</table>

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-displaying-your-api-key) or session cookie (/api/auth#session).
**GET /customer/hTE5dRlSBICGPJxJwCH4M/pricing_extra**

Get an individual pricing extra for a customer

**Authentication**

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

**Parameters**

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>customer_id</td>
<td>string</td>
<td>The customer ID.</td>
</tr>
</tbody>
</table>

**Request Example**

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

**Response Example**

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

{
  "active_at": "2016-04-07T00:00:00+00:00",
  "active_time": "2016-04-07T00:00:00+00:00",
  "active_until": null,
  "comment": "",
  "created_at": "2016-12-01T18:53:52+00:00",
  "customer_id": "x4xCwxxJxGCx123Rx5xTx",
  "deleted_at": null,
  "expires_at": null,
  "id": "1cLb6ZDgCnQK5hwu1lJ2xI",
  "name": "Wildcard SAN SSL Certificate *.example.com",
  "netsuite_inventory_item_id": "5VNJH6Ys1x8XtbLS8UW7iT",
  "recurring": "275.0",
  "setup": "0.0"
}
```
User

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

Fields

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

**GET** /current_user

Get the logged in user

**Authentication**

session cookie (/api/auth#session) with at least Billing permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

**Request Example**

```
GET /current_user
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

**Response Example**

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

{
  "created_at": "2016-06-14T14:43:01+00:00",
  "customer_id": "x4xCwxxJxGCx123Rx5xTx",
  "deleted_at": null,
  "email_hash": "xe8x2dxffx5bx18123x69x3fxexexfxa",
  "id": "6c7kAlo4vACNchGOdQxP37",
  "locked": false,
  "login": "johnowner@example.com",
  "name": "John Owner",
  "require_new_password": false,
  "role": "user",
  "two_factor_auth_enabled": false,
  "two_factor_setup_required": false,
  "updated_at": "2016-06-20T16:45:18+00:00"
}
```

**GET** /user/ id

Get a specific user

**Authentication**

session cookie (/api/auth#session).

**Request Example**

```
GET /user/x9KzsrACXZv8tPw1EDsKb6
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

**Response Example**

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

{

```
Create a user

Authentication

session cookie (/api/auth#session) with at least Billing permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```json
Fastly-Key: d3cafb4d4de4dbeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=John Owner&login=johnowner@example.com
```

Response Example

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

{
  "created_at": "2016-06-14T14:43:01+00:00",
  "customer_id": "x4xCwxxJxGCx123Rx5xTx",
  "deleted_at": null,
  "email_hash": "xe8x2dxffx5bx18123x69x3fxefxefxa",
  "id": "6c7kAlo4vACNchG0dQxP37",
  "locked": false,
  "login": "johnowner@example.com",
  "name": "John Owner",
  "require_new_password": false,
  "role": "user",
  "two_factor_auth_enabled": false,
  "two_factor_setup_required": false,
  "updated_at": "2016-06-20T16:45:18+00:00"
}
```

Update the user’s password to a new one
Authentication

Username and password

Request Example

```
POST /current_user/password/newpwd
old_password=oldpasswd&new_password=newpwd
```

Response Example

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

{
  "created_at": "2016-06-14T14:43:01+00:00",
  "customer_id": "x4xCwxxJxGCx123Rx5xTx",
  "deleted_at": null,
  "email_hash": "xe8x2dxffx5bx18123x69x3fxefxefxa",
  "id": "6c7kAlo4vACNchGoqP37",
  "locked": false,
  "login": "johnowner@example.com",
  "name": "John Owner",
  "require_new_password": false,
  "role": "user",
  "two_factor_auth_enabled": false,
  "two_factor_setup_required": false,
  "updated_at": "2016-06-20T16:45:18+00:00"
}
```
Update a user

Authentication

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

Request Example

```
PUT /user/x9KzsrACXZv8tPwlEDsKb6
Fastly-Key: d3cafb4dde4d6eef
Content-Type: application/x-www-form-urlencoded
Accept: application/json
name=Updated Name
```

Response Example

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

{
  "created_at": "2016-06-14T14:43:01+00:00",
  "customer_id": "x4xCwxxJxGCx123Rx5xTx",
  "deleted_at": null,
  "email_hash": "xe8x2dxffx5bx18123x69x3fxefxefxa",
  "id": "6c7kAl04vACNchGODqXp37",
  "locked": false,
  "login": "johnowner@example.com",
  "name": "Updated Name",
  "require_new_password": false,
  "role": "user",
  "two_factor_auth_enabled": false,
  "two_factor_setup_required": false,
  "updated_at": "2016-06-20T16:45:18+00:00"
}
```
Config (/api/config)

ACL

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

Fields

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>name</td>
<td>-</td>
<td>Name for the ACL. Must start with alphanumeric and contain only alphanumeric, underscore, and whitespace.</td>
</tr>
</tbody>
</table>

Actions

GET /service/ service_id /version/ version /acl

List ACLs

Authentication

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

Request Example

GET /service/SU1Z0isxPaozGVKXdv0eY/version/2/acl
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json

Response Example

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

```json
[
  {
    "version": "2",
    "name": "my_acl",
    "id": "6tUXdegLtF5BCig0zGFrU3",
    "service_id": "1jlmtMz1ncwA0KC3TBGD0X",
    "created_at": "2016-04-21T18:14:32+00:00",
    "updated_at": "2016-04-21T18:14:32+00:00"
  }
]
```
"deleted_at": null
},
{
  "version": "2",
  "name": "another_acl",
  "id": "6tUXdegLr5BCig0zGFrU3",
  "service_id": "1jlmtMz1ncwA0KC3TBGD0X",
  "created_at": "2016-04-21T18:14:32+00:00",
  "updated_at": "2016-04-21T18:14:32+00:00",
  "deleted_at": null
}
```

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

Retrieve a single ACL by name for the version and service

**Authentication**

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

**Request Example**

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/4/acl/my_acl
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

**Response Example**

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

"version": 4,
"name": "my_acl",
"service_id": "6HLRMTXCDWZ16tF3yEuKok",
"id": "2cFf1P0skFLhmm2JEKU7y6",
"created_at": "2016-04-21T18:14:32+00:00",
"updated_at": "2016-04-21T18:14:32+00:00",
"deleted_at": null
```

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

Create a new ACL for a particular service and version

**Authentication**

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

**Request Example**

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/4/acl
```

https://docs.fastly.com/api/aio
PUT /service/service_id/version/version/acl/old_name

Update ACL for a particular service and version

Authentication

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

Request Example

PUT /service/SU1Z0isxPaozGVKXdv0eY/version/4/acl/my_acl
Fastly-Key: d3cafb4dde4dbeeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json
name=updated_acl

Response Example

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

```json
{
    "version": 4,
    "name": "updated_acl",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "id": "2cFflPOskFLhmznJEfUake",
    "created_at": "2016-04-21T18:14:32+00:00",
    "updated_at": "2016-04-21T18:14:32+00:00",
    "deleted_at": null
}
```
DELETE /service/ service_id /version/ version /acl/ acl_id

Delete an ACL for a particular service and version

Authentication

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

Request Example

DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/acl/my_acl
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json

Response Example

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

{  
  "status": "ok"
}

ACL Entry

An ACL entry holds an IP address with optional subnet to make up an entry in an ACL. ACL entries are versionless and can be modified without activating a new version. ACL entries can also be negated.

Fields

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ip</td>
<td>-</td>
<td>An IP address.</td>
</tr>
<tr>
<td>subnet</td>
<td>-</td>
<td>An optional subnet for the IP address.</td>
</tr>
<tr>
<td>acl_id</td>
<td>-</td>
<td>The ACL this entry belongs to.</td>
</tr>
<tr>
<td>negated</td>
<td>-</td>
<td>A boolean that will negate the match if true.</td>
</tr>
<tr>
<td>comment</td>
<td>-</td>
<td>A personal freeform descriptive note.</td>
</tr>
</tbody>
</table>

Actions

GET /service/ service_id /acl/ acl_id /entries

List of ACL entries given service and ACL ID

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

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/acl/2cFf1P0skFLhmnZJEfUake/entries
Fastly-Key: d3cafb4dde4db6
Accept: application/json
```

Response Example

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

[{
   "id": "6yxNz1OpW1V7JfSwvLGt0c",
   "service_id": "SU1Z0isxPaozGVKXdv0eY",
   "acl_id": "2cFf1P0skFLhmnZJEfUake",
   "ip": "127.0.0.1",
   "negated": "0",
   "subnet": null,
   "comment": "",
   "created_at": "2016-04-21T18:14:32+00:00",
   "updated_at": "2016-04-21T18:14:32+00:00",
   "deleted_at": null
},
{
   "id": "1ujrCmULAWHUPP7Mzjefxa",
   "service_id": "SU1Z0isxPaozGVKXdv0eY",
   "acl_id": "2cFf1P0skFLhmnZJEfUake",
   "ip": "127.0.0.2",
   "negated": "0",
   "subnet": 8,
   "comment": "",
   "created_at": "2016-04-21T18:14:32+00:00",
   "updated_at": "2016-04-21T18:14:32+00:00",
   "deleted_at": null
}]
```

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

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

**Authentication**

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

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/acl/2cFf1P0skFLhmnZJEfUake/entry/1ujrCmULAWHUPP7Mzjefxa
Fastly-Key: d3cafb4dde4db6
```

https://docs.fastly.com/api/aio
POST /service/ service_id /acl/ acl_id /entry

Create ACL entry given service, ACL ID and properties

Authentication

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

Request Example

POST /service/SU1Z0ixPxozGVXq0v0eY/acl/2cFf1POskFLhm5ZJEpUake/entry
Fastly-Key: d3cafb4de4dbee
Content-Type: application/json
Accept: application/json

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

Response Example

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

{"id": "1ujrCmULAWUHP7Mzjefxa", "service_id": "SU1Z0ixPxozGVXq0v0eY", "acl_id": "2cFf1POskFLhm5ZJEpUake", "ip": "127.0.0.1", "negated": 0, "subnet": 8, "comment": ", "created_at": "2016-04-21T18:14:32+00:00", "updated_at": "2016-04-21T18:14:32+00:00", "deleted_at": null}
**DELETE**  /service/ service_id /acl/ acl_id /entry/ entry_id

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

**Authentication**

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

**Request Example**

```
DELETE
/service/SU1Z0isxPaozGVKXdv0eY/acl/2cFflP0skFLhmzJElfUake/entry/1ujrCmULAWHUPP7Mzjefxa
Fastly-Key: d3cafb4dde4d6eef
Accept: application/json
```

**Response Example**

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

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

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

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

**Authentication**

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

**Request Example**

```
PATCH
/service/SU1Z0isxPaozGVKXdv0eY/acl/2cFflP0skFLhmzJElfUake/entry/1ujrCmULAWHUPP7Mzjefxa
Fastly-Key: d3cafb4dde4d6eef
Content-Type: application/json
Accept: application/json

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

**Response Example**

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

{
   "id": "1ujrCmULAWHUPP7Mzjefxa",
   "service_id": "SU1Z0isxPaozGVKXdv0eY",
}
```
PATCH /service/service_id/acl/acl_id/entries

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

Authentication

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

Request Example

PATCH /service/SU1Z0isxPaozGVXKxdv0eY/acl/2cFflPOskFLhmnZJEfUake/entries
Fastly-Key: d3cafb4dde4d4e6
Content-Type: application/json
Accept: application/json

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

Response Example

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

{
  "status": "ok"
}
Backend

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

Fields

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>address</td>
<td>string</td>
<td>An hostname, IPv4, or IPv6 address for the backend.</td>
</tr>
<tr>
<td>auto_loadbalance</td>
<td>boolean</td>
<td>Whether or not this backend should be automatically load balanced.</td>
</tr>
<tr>
<td>between_bytes_timeout</td>
<td>integer</td>
<td>How long to wait between bytes in milliseconds.</td>
</tr>
<tr>
<td>client_cert</td>
<td>string</td>
<td>Unused.</td>
</tr>
<tr>
<td>comment</td>
<td>string</td>
<td>A comment.</td>
</tr>
<tr>
<td>connect_timeout</td>
<td>integer</td>
<td>How long to wait for a timeout in milliseconds.</td>
</tr>
<tr>
<td>error_threshold</td>
<td>integer</td>
<td>Number of errors to allow before the backend is marked as down.</td>
</tr>
<tr>
<td>first_byte_timeout</td>
<td>integer</td>
<td>How long to wait for the first bytes in milliseconds.</td>
</tr>
<tr>
<td>healthcheck</td>
<td>string</td>
<td>The name of the healthcheck to use with this backend. Can be empty.</td>
</tr>
<tr>
<td>hostname</td>
<td>string</td>
<td>The hostname of the backend.</td>
</tr>
<tr>
<td>ipv4</td>
<td>string</td>
<td>IPv4 address of the host.</td>
</tr>
<tr>
<td>ipv6</td>
<td>string</td>
<td>IPv6 address of the host.</td>
</tr>
<tr>
<td>locked</td>
<td>boolean</td>
<td>Specifies whether or not the version is locked for editing.</td>
</tr>
<tr>
<td>max_conn</td>
<td>integer</td>
<td>Maximum number of connections.</td>
</tr>
<tr>
<td>max_tls_version</td>
<td>integer</td>
<td>Maximum allowed TLS version on SSL connections to this backend.</td>
</tr>
<tr>
<td>min_tls_version</td>
<td>integer</td>
<td>Minimum allowed TLS version on SSL connections to this backend.</td>
</tr>
<tr>
<td>name</td>
<td>string</td>
<td>The name of the backend.</td>
</tr>
<tr>
<td>field</td>
<td>type</td>
<td>description</td>
</tr>
<tr>
<td>------------------</td>
<td>----------</td>
<td>------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>port</td>
<td>integer</td>
<td>The port number.</td>
</tr>
<tr>
<td>request_condition</td>
<td>string</td>
<td>Condition, which if met, will select this backend during a request.</td>
</tr>
<tr>
<td>service_id</td>
<td>string</td>
<td>The alphanumeric string identifying a service.</td>
</tr>
<tr>
<td>shield</td>
<td>string</td>
<td>The shield POP designated to reduce inbound load on this origin by serving</td>
</tr>
<tr>
<td></td>
<td></td>
<td>the cached data to the rest of the network.</td>
</tr>
<tr>
<td>ssl_ca_cert</td>
<td>string</td>
<td>CA certificate attached to origin.</td>
</tr>
<tr>
<td>ssl_cert_hostname</td>
<td>string</td>
<td>Overrides ssl_hostname, but only for cert verification. Does not affect SNI</td>
</tr>
<tr>
<td></td>
<td></td>
<td>at all.</td>
</tr>
<tr>
<td>ssl_check_cert</td>
<td>boolean</td>
<td>Be strict on checking SSL certs.</td>
</tr>
<tr>
<td>ssl_ciphers</td>
<td>string</td>
<td>List of OpenSSL ciphers (see <a href="https://www.openssl.org/docs/manmaster/apps/">https://www.openssl.org/docs/manmaster/apps/</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ciphers.html for details)</td>
</tr>
<tr>
<td>ssl_client_cert</td>
<td>string</td>
<td>Client certificate attached to origin.</td>
</tr>
<tr>
<td>ssl_client_key</td>
<td>string</td>
<td>Client key attached to origin.</td>
</tr>
<tr>
<td>ssl_hostname</td>
<td>string</td>
<td>Used for both SNI during the TLS handshake and to validate the cert.</td>
</tr>
<tr>
<td>ssl_sni_hostname</td>
<td>string</td>
<td>Overrides ssl_hostname, but only for SNI in the handshake. Does not affect</td>
</tr>
<tr>
<td></td>
<td></td>
<td>cert validation at all.</td>
</tr>
<tr>
<td>use_ssl</td>
<td>boolean</td>
<td>Whether or not to use SSL to reach the backend.</td>
</tr>
<tr>
<td>version</td>
<td>integer</td>
<td>The current version number of a service.</td>
</tr>
<tr>
<td>weight</td>
<td>integer</td>
<td>Weight used to load balance this backend against others.</td>
</tr>
</tbody>
</table>

### 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-displaying-your-api-key](https://docs.fastly.com/api/aio)) or session cookie ([api/auth#session](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)).
### GET Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/backend
Fastly-Key: d3cafb4dde4d100f
Accept: application/json
```

### Response Example

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

[  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
]
```

### 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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

### Request Example
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/backend/test-backend
Fastly-Key: d3cafb4dde4dbef
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": "SU1Z0isxPaozGVKKXdv0eY",
    "shield": null,
    "ssl_ca_cert": null,
    "ssl_certHostname": 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
}
```
### Response Example

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

{
    "address": "127.0.0.1",
    "auto_loadbalance": false,
    "between_bytes_timeout": 10000,
    "client_cert": null,
    "comment": "",
    "connect_timeout": 1000,
    "error_threshold": 0,
    "first_byte_timeout": 15000,
    "healthcheck": null,
    "hostname": null,
    "ipv4": "127.0.0.1",
    "ipv6": null,
    "locked": true,
    "max_conn": 200,
    "max_tls_version": null,
    "min_tls_version": null,
    "name": "backend-name",
    "port": 80,
    "request_condition": "",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "shield": null,
    "ssl_ca_cert": null,
    "ssl_cert_hostname": null,
    "ssl_check_cert": true,
    "ssl_ciphers": null,
    "ssl_client_cert": null,
    "ssl_client_key": null,
    "ssl_hostname": null,
    "ssl_sni_hostname": null,
    "use_ssl": false,
    "version": 1,
    "weight": 100
}
```
old_name \(\text{string}\)  Old name of the backend (used to select the correct backend if the name has been changed).

Request Example

PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/backend/backend-name
Fastly-Key: d3cafb4d4de4dbee
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=updated-backend-name

Response Example

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

```
{
   "address": "127.0.0.1",
   "auto_loadbalance": false,
   "between_bytes_timeout": 10000,
   "client_cert": null,
   "comment": ",",
   "connect_timeout": 1000,
   "error_threshold": 0,
   "first_byte_timeout": 15000,
   "healthcheck": null,
   "hostname": null,
   "ipv4": "127.0.0.1",
   "ipv6": null,
   "locked": true,
   "max_conn": 200,
   "max_tls_version": null,
   "min_tls_version": null,
   "name": "updated-backend-name",
   "port": 80,
   "request_condition": ",",
   "service_id": "SU1Z0isxPaozGVKXdv0eY",
   "shield": null,
   "ssl_ca_cert": null,
   "ssl_cert_hostname": null,
   "ssl_check_cert": true,
   "ssl_ciphers": null,
   "ssl_client_cert": null,
   "ssl_client_key": null,
   "ssl_hostname": null,
   "ssl_sni_hostname": null,
   "use_ssl": false,
   "version": 1,
   "weight": 100
}
```
API key (/guides/account-management-and-security/find-and-managing-your-account-info#finding-and-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/backend/backend-name
Fastly-Key: d3cafb4dde4dbeef
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**

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>action</td>
<td>string</td>
<td>Allows for termination of execution and either cache, pass, or restart.</td>
</tr>
<tr>
<td>cache_condition</td>
<td>string</td>
<td>Name of the condition used to test whether this settings object should be used.</td>
</tr>
<tr>
<td>name</td>
<td>string</td>
<td>Name for the cache settings object.</td>
</tr>
<tr>
<td>stale_ttl</td>
<td>integer</td>
<td>Sets the max &quot;Time To Live&quot; for stale (unreachable) objects.</td>
</tr>
<tr>
<td>ttl</td>
<td>integer</td>
<td>Sets the &quot;Time To Live&quot;.</td>
</tr>
</tbody>
</table>

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

Request Example

```plaintext
GET /service/SU1Z0isxPaozGVXdv0eY/version/1/cache_settings
Fastly-Key: d3cafb4dde4dbeeef
Accept: application/json
```

Response Example

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

[
   {
      "action": "cache",
      "cache_condition": "",
      "name": "testcache",
      "service_id": "SU1Z0isxPaozGVXdv0eY",
      "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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```plaintext
GET /service/SU1Z0isxPaozGVXdv0eY/version/1/cache_settings/testcache
Fastly-Key: d3cafb4dde4dbeeef
Accept: application/json
```

Response Example

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

{
   "action": "cache",
   "cache_condition": "",
   "name": "testcache",
   "service_id": "SU1Z0isxPaozGVXdv0eY",
   "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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

**Request Example**

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/cache_settings
Fastly-Key: d3cafb4dde4dbee
Content-Type: application/x-www-form-urlencoded
Accept: application/json
name=testcache&stale_ttl=1000&ttl=1000&action=cache
```

**Response Example**

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

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

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

Update a specific cache settings object.

**Authentication**

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

**Parameters**

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>old_name</td>
<td>string</td>
<td>Old name of the cache settings object (used to select the correct cache settings object if the name has been changed).</td>
</tr>
</tbody>
</table>
DELETE  /service/ service_id /version/ version /cache_settings/ name

Delete a specific cache settings object.

Authentication

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

Request Example

DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/cache_settings/testcache
Fastly-Key: d3cafb4dde4d0ee
Accept: application/json

Response Example

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

{  "status":"ok"  }

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

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

### Fields

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>comment</td>
<td>string</td>
<td></td>
</tr>
<tr>
<td>name</td>
<td>string</td>
<td>Name of the condition.</td>
</tr>
<tr>
<td>priority</td>
<td>integer</td>
<td>Priority assigned to condition. Order executes from 1 to 10, with 1 being first and 10 being last.</td>
</tr>
<tr>
<td>service_id</td>
<td>string</td>
<td>The alphanumeric string identifying a service.</td>
</tr>
<tr>
<td>statement</td>
<td>string</td>
<td>The statement used to determine if the condition is met.</td>
</tr>
<tr>
<td>type</td>
<td>string</td>
<td>Type of the condition, either &quot;REQUEST&quot; (req), &quot;RESPONSE&quot; (req, resp), or &quot;CACHE&quot; (req, beresp).</td>
</tr>
<tr>
<td>version</td>
<td>integer</td>
<td>The current version of a service.</td>
</tr>
</tbody>
</table>

### 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-displaying-your-api-key) or session cookie (/api/auth#session) 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: d3cafb4dde4d4beef
Accept: application/json
```

**Response Example**

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

[ ]
```
```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-displaying-your-api-key) or session cookie (/api/auth#session) 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: d3cafb4dde4dbeef
Accept: application/json
```

**Response Example**

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

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

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

Creates a new condition.

**Authentication**

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

https://docs.fastly.com/api/aio
PUT /service/service_id/version/condition/old_name

Updates the specified condition.

Authentication

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

Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>old_name</td>
<td>string</td>
<td>Old name of the condition object (used to select the correct condition object if the name has been changed).</td>
</tr>
</tbody>
</table>

Request Example

PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/condition/testcondition
Fastly-Key: d3cafb4dde4dbeeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

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

Response Example

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

{
   "comment": "",
   "name": "testcondition",
   "priority": "10",
}
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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/condition/testcondition
Fastly-Key: d3cafb4dde4db0eY
Accept: application/json
```

Response Example

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

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

Dictionary

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

Fields

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>created_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the dictionary was created.</td>
</tr>
<tr>
<td>deleted_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the dictionary was deleted.</td>
</tr>
<tr>
<td>id</td>
<td>string</td>
<td>The alphanumeric string identifying a dictionary.</td>
</tr>
</tbody>
</table>
### Field Details

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>name</td>
<td>string</td>
<td>Name for the Dictionary.</td>
</tr>
<tr>
<td>service_id</td>
<td>string</td>
<td>The alphanumeric string identifying a service.</td>
</tr>
<tr>
<td>updated_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the dictionary was updated.</td>
</tr>
<tr>
<td>version</td>
<td>integer</td>
<td>The current version of a service.</td>
</tr>
</tbody>
</table>

### Actions

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

List all dictionaries for the version of the service.

#### Authentication


#### Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/dictionary
Fastly-Key: d3cafb4dde4d4eef
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": "3vjTN8v107n0AY7aNDGOL",
    "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

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-displaying-your-api-key) or session cookie (/api/auth#session) 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: d3cafb4dde4debeef
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": "2016-05-03T16:20:35+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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>old_name</td>
<td>string</td>
<td>Old name of the dictionary object (used to select the correct dictionary object if the name has been changed).</td>
</tr>
</tbody>
</table>

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/dictionary/my_dictionary
Fastly-Key: d3cafb4dde4db6ef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=updated_dictionary
```

Response Example

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

{
  "created_at": "2016-05-03T16:41:00+00:00",
  "deleted_at": null,
  "id": "5clCytcTJnvrP8wjqPH0q",
  "name": "updated_dictionary",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "updated_at": "2016-05-03T16:41:00+00:00",
  "version": 1
}
```

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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/dictionary/my_dictionary
Fastly-Key: d3cafb4dde4db6ef
Accept: application/json
```

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

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>created_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the dictionary was created.</td>
</tr>
<tr>
<td>deleted_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the dictionary was deleted.</td>
</tr>
<tr>
<td>dictionary_id</td>
<td>string</td>
<td>The dictionary for this Item.</td>
</tr>
<tr>
<td>item_key</td>
<td>string</td>
<td>Key for the DictionaryItem.</td>
</tr>
<tr>
<td>item_value</td>
<td>string</td>
<td>Value for the DictionaryItem.</td>
</tr>
<tr>
<td>service_id</td>
<td>string</td>
<td>The service the Dictionary belongs to.</td>
</tr>
<tr>
<td>updated_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the dictionary was updated.</td>
</tr>
</tbody>
</table>

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-displaying-your-api-key) or session cookie (/api/auth#session) with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVXKJvd0eY/dictionary/5clCytcTJrvPi8wjqPH0q/items
Fastly-Key: d3cafb4dde4dbeeef
Accept: application/json
```

Response Example

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

{
  "status": "ok"
}
```
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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

GET /service/SU1Z0isxPaozGVKXdv0eY/dictionary/5clCytcTJrnvPi8wjqPH0q/item/some_key
Fastly-Key: d3cafb4dde4dbeeef
Accept: application/json

Response Example

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

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

POST /service/ service_id /dictionary/ dictionary_id /item

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

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

**Request Example**

```plaintext
POST /service/SU1Z0isxPaozGVKXdv0eY/dictionary/5clCycTJrnnvPi8wjqPH0q/item
Fastly-Key: d3cafb4dde4debeef
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": "5clCycTJrnnvPi8wjqPH0q",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "item_key": "some_key",
  "item_value": "some_value",
  "created_at": "2016-04-21T18:14:32+00:00",
  "deleted_at": null,
  "updated_at": "2016-04-21T18:14:32+00:00",
}
```

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

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

**Authentication**

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

**Request Example**

```plaintext
PUT /service/SU1Z0isxPaozGVKXdv0eY/dictionary/5clCycTJrnnvPi8wjqPH0q/item/some_key
Fastly-Key: d3cafb4dde4debeef
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": "5clCycTJrnnvPi8wjqPH0q",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "item_key": "some_key",
  "item_value": "new_value",
```
PATCH /service/ service_id /dictionary/ dictionary_id /item/ item_key

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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

PATCH /service/SU1Z0isxPaozGVKXdv0eY/dictionary/5clCytcTJrnvPi8wjgPH0q/item/some_key
Fastly-Key: d3cafb4dde4dbeeef
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": "5clCytcTJrnvPi8wjgPH0q",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "item_key": "some_key",
    "item_value": "new_value",
    "created_at": "2016-04-21T18:14:32+00:00",
    "deleted_at": null,
    "updated_at": "2016-04-21T18:14:32+00:00"
}

PATCH /service/ service_id /dictionary/ dictionary_id /items

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

Authentication

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

Request Example

PATCH /service/SU1Z0isxPaozGVKXdv0eY/dictionary/5clCytcTJrnvPi8wjgPH0q/items
Fastly-Key: d3cafb4dde4dbeeef
Content-Type: application/json
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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

DELETE /service/SU1Z0isxPaozGVKXdv0eY/dictionary/5clCytcTJrnvPi8wjgPH0q/item/some_key
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json

Response Example

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

{  "status": "ok"}

---

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",  },  ]}
**Diff**

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

**Fields**

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>from</td>
<td>integer</td>
<td>The version number being diffed from.</td>
</tr>
<tr>
<td>to</td>
<td>integer</td>
<td>The version number being diffed to.</td>
</tr>
<tr>
<td>format</td>
<td>string</td>
<td>The format the diff is being returned in (text, html or html_simple).</td>
</tr>
<tr>
<td>diff</td>
<td>string</td>
<td>The differences between two specified versions.</td>
</tr>
</tbody>
</table>

**Actions**

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

Get diff between two versions

**Authentication**

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

**Parameters**

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>from</td>
<td>integer</td>
<td>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)</td>
</tr>
<tr>
<td>to</td>
<td>integer</td>
<td>The version to diff to. Uses same numbering scheme as from.</td>
</tr>
<tr>
<td>format</td>
<td>string</td>
<td>Optional method to format the diff field. Can either be text (default), html or html_simple.</td>
</tr>
</tbody>
</table>

**Request Example**

GET /service/SU1Z0isxPaozGVKXdv0eY/diff/from/1/to/2

Fastly-Key: d3cafb4dde4dbeeef
Accept: application/json

**Response Example**

HTTP/1.1 200 OK
Content-Type: application/json
```json
{
    "from": 1,
    "to": 2
    "format": "text",
    "diff":

    "name": "My Backend",
    "address": "backend.example.com",
    "auto_loadbalance": "0",
    "between_bytes_timeout": 10000,
    "client_cert": "",
    "comment": "",
    "connect_timeout": 1000,
    "error_threshold": 0,
    "first_byte_timeout": 15000,
    "healthcheck": {
        "hostname": "www.example.com",
        "ipv4": "",
        "ipv6": "",
        "max_conn": 200,
        "port": 80,
        "request_condition": "",
        "shield": {
            "ssl_ca_cert": "",
            "ssl_client_cert": "",
            "ssl_client_key": "",
            "ssl_hostname": "",
            "use_ssl": false,
            "weight": 100
        },
        "cache_settings": [],
        "comment": "",
        "conditions": [],
        "deployed": [],
        "directors": [],
        "domains": {
            "name": "www.example.com",
            "comment": "",
            "gzsps": [],
            "headers": [],
            "+headers": [],
            "+- name": "Debug",
            "+- action": "set",
            "+- cache_condition": [],
            "+- dst": "http.X-Test",
            "+- ignore_if_set": "0",
            "+- priority": "10",
            "+- regex": "",
            "+- request_condition": [],
            "+- response_condition": [],
            "+- src": "testing",
            "+- substitution": "",
            "+- type": "request",
            "healthchecks": [],
            "origins": [],
            "request_settings": [],
            "response_objects": [],
            "service_id": "SU1Z0isxPaozGVXdx0eY",
            "settings": {
                "general.default_host": "",
                "general.default_ttl": 3600
            }
        }
    }
}
```
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

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>backends</td>
<td>array</td>
<td>List of backend associated with this director.</td>
</tr>
<tr>
<td>capacity</td>
<td>integer</td>
<td>Load balancing weight for the backends.</td>
</tr>
<tr>
<td>comment</td>
<td>string</td>
<td>Description field.</td>
</tr>
<tr>
<td>created_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the Director was created.</td>
</tr>
<tr>
<td>deleted_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the Director was deleted.</td>
</tr>
<tr>
<td>name</td>
<td>string</td>
<td>Name for the Director.</td>
</tr>
<tr>
<td>quorum</td>
<td>integer</td>
<td>The percentage of capacity that needs to be up for a</td>
</tr>
<tr>
<td></td>
<td></td>
<td>director to be considered up. Integer, 0 to 100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(default: 75)</td>
</tr>
<tr>
<td>service_id</td>
<td>string</td>
<td>The alphanumeric string identifying a service.</td>
</tr>
<tr>
<td>shield</td>
<td>string</td>
<td>Selected POP to serve as a &quot;shield&quot; for origin servers.</td>
</tr>
<tr>
<td>type</td>
<td>integer</td>
<td>What type of load balance group to use. Integer, 1 to</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4. Values: 1=random, 2=round-robin, 3=hash, 4=client.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(default: 1)</td>
</tr>
<tr>
<td>updated_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the Director was updated.</td>
</tr>
<tr>
<td>retries</td>
<td>integer</td>
<td>How many backends to search if it fails. (default: 5)</td>
</tr>
<tr>
<td>version</td>
<td>integer</td>
<td>The current version of a service.</td>
</tr>
</tbody>
</table>

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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVXdv0eY/version/1/director
Fastly-Key: d3cafb4dde4d86f4eb
Accept: application/json
```

Response Example

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

[
  {
    "backends": [],
    "capacity": 100,
    "comment": "",
    "created_at": "2016-05-04T21:19:41+00:00",
    "deleted_at": null,
    "name": "test-director",
    "quorum": 75,
    "retries": 20,
    "service_id": "SU1Z0isxPaozGVXdv0eY",
    "shield": null,
    "type": 1,
    "updated_at": "2016-05-04T21:29:15+00:00",
    "version": 1
  },
]
```

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

Get the director for a particular service and version

Authentication

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

Request Example

```
GET /service/SU1Z0isxPaozGVXdv0eY/version/1/director/test-director
Fastly-Key: d3cafb4dde4d86f4eb
Accept: application/json
```

Response Example

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

{
  "backends": [],
```
POST  /service/ service_id /version/ version /director

Create a director for a particular service and version

Authentication

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

Request Example

```bash
POST /service/SU1Z0isxPaozGVXdv0eY/version/1/director
Fastly-Key: d3cafb4dde4dbef
Content-Type: application/x-www-form-urlencoded
Accept: application/json
name=test-director
```

Response Example

```json
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": "SU1Z0isxPaozGVXdv0eY",
   "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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```plaintext
PUT /service/SU1Z0isxPaozGVXKdvoeY/version/1/director/test-director
Fastly-Key: d3cafb4dde4dbeef
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": "SU1Z0isxPaozGVXKdvoeY",
  "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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```plaintext
DELETE /service/SU1Z0isxPaozGVXKdvoeY/version/1/director/test-director
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

```
HTTP/1.1 200 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

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>backend_name</td>
<td>string</td>
<td>Name of the backend to map to the specified director.</td>
</tr>
<tr>
<td>created_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the relationship was created.</td>
</tr>
<tr>
<td>deleted_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the relationship was deleted.</td>
</tr>
<tr>
<td>director</td>
<td>string</td>
<td>Name of the director.</td>
</tr>
<tr>
<td>service_id</td>
<td>string</td>
<td>The alphanumeric string identifying a service.</td>
</tr>
<tr>
<td>updated_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the relationship was updated.</td>
</tr>
<tr>
<td>version</td>
<td>integer</td>
<td>The current version of a service.</td>
</tr>
</tbody>
</table>

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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>director_name</td>
<td>string</td>
<td>The director name.</td>
</tr>
</tbody>
</table>

Request Example
GET /service/SU1Z0isxPaozGVXdv0eY/version/1/director/test-director/backend/test-backend HTTP/1.1
Fastly-Key: d3cafb4dde4dbeef
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": "SU1Z0isxPaozGVXdv0eY",
  "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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>director_name</td>
<td>string</td>
<td>The director name.</td>
</tr>
</tbody>
</table>

Request Example

POST /service/SU1Z0isxPaozGVXdv0eY/version/1/director/test-director/backend/test-backend HTTP/1.1
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json

Response Example

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

{
  "backend_name": "test-backend",
  "created_at": "2016-05-05T20:24:29+00:00",
  "deleted_at": null,
  "director_name": "test-director",
  "service_id": "SU1Z0isxPaozGVXdv0eY",
  "updated_at": "2016-05-05T20:24:29+00:00",
  "version": 1
}
DELETE /service/ service_id /version/ version /director/ director_name /backend/ backend_name

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

Authentication

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

Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>director_name</td>
<td>string</td>
<td>The director name.</td>
</tr>
</tbody>
</table>

Request Example

DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/director/test-director/backend/test-backend HTTP/1.1
Fastly-Key: d3cafb4d4de4d00f
Accept: application/json

Response Example

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

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

Domain

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

Fields

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>comment</td>
<td>string</td>
<td>A personal freeform descriptive note.</td>
</tr>
<tr>
<td>name</td>
<td>string</td>
<td>The name of the domain or domains associated with this service.</td>
</tr>
</tbody>
</table>
### 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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

**Request Example**

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/domain/check_all
Fastly-Key: d3cafb4dde4de4beef
Accept: application/json
```

**Response Example**

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

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

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

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

**Authentication**

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-displaying-your-api-key) or session cookie (/api/auth#session) 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: d3cafb4dde4dbeeef
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/directory

List all the domains for a particular service and version

Authentication

API key (https://docs.fastly.com/api/auth#session) or session cookie (https://docs.fastly.com/api/auth#session) with at least Engineer permissions (https://docs.fastly.com/api/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/domain
Fastly-Key: d3cafb4dde4dbeeef
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/directory
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-displaying-your-api-key) or session cookie (/api/auth#session) 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: d3cafb4dde4dbeeef
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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/domain
Fastly-Key: d3cafb4dde4dbeeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=www.example.com
```

Response Example

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

{
    "comment": "",
    "name": "www.example.com",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "version": 1
}
```
PUT /service/ service_id /version/ version /domain/ old_name

Update the domain for a particular service and version

Authentication

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

Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>old_name</td>
<td>string</td>
<td>Old name of the domain object (used to select the correct domain object if the name has been changed).</td>
</tr>
</tbody>
</table>

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/domain/www.example.com
Fastly-Key: d3cafb4dde4dbeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json
name=www.updated-example.com
```

Response Example

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

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

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

Delete the domain for a particular service and versions

Authentication

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

Request Example

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

Response Example
GET HTTP/1.1 200 OK
Content-Type: application/json

{ "status":"ok" }

Gzip

Gzip configuration allows you to choose resources to automatically compress.

Fields

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

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-displaying-your-api-key) or session cookie (/api/auth#session) 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: d3caff4d4de4d6eef
Accept: application/json

Response Example
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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>name</td>
<td>string</td>
<td>Name of the gzip object</td>
</tr>
</tbody>
</table>

Request Example

GET /service/SU1Z0isxPaozGVKXdv0eY/version/2/gzip/fonts
Fastly-Key: d3cafb4dde4debeef
Accept: application/json

Response Example

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

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

POST /service/ service_id /version/ version /gzip

Create a named gzip configuration on a particular service and version
PUT /service/service_id/version/old_name/gzip

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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>old_name</td>
<td>string</td>
<td>Old name of the gzip object (used to select the correct gzip object if the name has been changed).</td>
</tr>
</tbody>
</table>

Request Example

```plaintext
POST /service/SU1Z0isxPaozGVXdv0eY/version/2/gzip
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json

name=gzip-config-name
&cache_condition=
&extensions=html%20css%20js
&content_types=text/html%20text/css%20application/javascript
```
DELETESERVICE/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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>name</td>
<td>string</td>
<td>Name of the gzip object</td>
</tr>
</tbody>
</table>

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/2/gzip
Fastly-Key: d3cafb4dde4de4beef
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.
<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>action</td>
<td>string</td>
<td>Accepts a string value, one of:</td>
</tr>
<tr>
<td>set</td>
<td>-</td>
<td>Sets (or resets) a header</td>
</tr>
<tr>
<td>append</td>
<td>-</td>
<td>Appends to an existing header</td>
</tr>
<tr>
<td>delete</td>
<td>-</td>
<td>Delete a header</td>
</tr>
<tr>
<td>regex</td>
<td>-</td>
<td>Perform a single regex replacement on a header</td>
</tr>
<tr>
<td>regex_repeat</td>
<td>-</td>
<td>Perform a global regex replacement on a header</td>
</tr>
<tr>
<td>cache_condition</td>
<td>string</td>
<td>Optional name of a CacheCondition to apply.</td>
</tr>
<tr>
<td>dst</td>
<td>string</td>
<td>Header to set.</td>
</tr>
<tr>
<td>ignore_if_set</td>
<td>integer</td>
<td>Don’t add the header if it is added already. (Only applies to ‘set’ action)</td>
</tr>
<tr>
<td>name</td>
<td>string</td>
<td>A handle to refer to this Header object.</td>
</tr>
<tr>
<td>priority</td>
<td>integer</td>
<td>Lower priorities execute first. (Default: 100.)</td>
</tr>
<tr>
<td>regex</td>
<td>string</td>
<td>Regular expression to use (Only applies to ‘regex’ and ‘regex_repeat’ actions).</td>
</tr>
<tr>
<td>request_condition</td>
<td>string</td>
<td>Optional name of a RequestCondition to apply.</td>
</tr>
<tr>
<td>response_condition</td>
<td>string</td>
<td>Optional name of a ResponseCondition to apply.</td>
</tr>
<tr>
<td>service_id</td>
<td>string</td>
<td>The alphanumeric string identifying a service.</td>
</tr>
<tr>
<td>src</td>
<td>string</td>
<td>Variable to be used as a source for the header content. (Does not apply to ‘delete’ action)</td>
</tr>
<tr>
<td>substitution</td>
<td>string</td>
<td>Value to substitute in place of regular expression. (Only applies to ‘regex’ and ‘regex_repeat’)</td>
</tr>
<tr>
<td>type</td>
<td>string</td>
<td>Accepts a string value, one of:</td>
</tr>
<tr>
<td>request</td>
<td>-</td>
<td>Performs on the request before lookup occurs</td>
</tr>
<tr>
<td>fetch</td>
<td>-</td>
<td>Performs on the request to the origin server</td>
</tr>
</tbody>
</table>
## Fastly API Documentation

### 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-displaying-your-api-key](https://docs.fastly.com/api/auth#api-key)) or session cookie ([/api/auth#session](https://docs.fastly.com/api/auth#session)) with at least Engineer permissions ([/guides/user-access-and-control/user-roles-and-how-to-change-them](https://docs.fastly.com/api/auth#user-roles)).

**Request Example**

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

**Response Example**

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

```[{
    "action": "set",
    "cache_condition": null,
    "dst": "http.foo",
    "ignore_if_set": 0,
    "name": "testheader",
    "priority": "10",
    "regex": "",
    "request_condition": null,
    "response_condition": null,
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "src": "client.ip",
    "substitution": "",
    "type": "request",
    "version": "1"
}]
```
POST /service/SU120isxPaozGVKXdv0eY/version/1/header

Creates a new Header object.

Authentication

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

Request Example

POST /service/SU120isxPaozGVKXdv0eY/version/1/header
Fastly-Key: d3cafb4dde4debeef
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": "SU120isxPaozGVKXdv0eY",  "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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>old_name</td>
<td>string</td>
<td>Old name of the header object (used to select the correct header object if the name has been changed).</td>
</tr>
</tbody>
</table>

Request Example

```plaintext
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/header/testheader
Fastly-Key: d3cafb4dde4dbbeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

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

Response Example

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

{
  "action": "append",
  "cache_condition": null,
  "dst": "http.foo",
  "ignore_if_set": 0,
  "name": "updatedtestheader",
  "priority": "10",
  "regex": "",
  "request_condition": null,
  "response_condition": null,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "src": "client.ip",
  "substitution": "",
  "type": "request",
  "version": "1"
}
```
DELETE /service/service_id/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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/header/testheader
Fastly-Key: d3cafb4dde4dbeef
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

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>check_interval</td>
<td>integer</td>
<td>How often to run the healthcheck in milliseconds.</td>
</tr>
<tr>
<td>comment</td>
<td>string</td>
<td>A comment.</td>
</tr>
</tbody>
</table>
### field | type | description
--- | --- | ---
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.
payload | 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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

**Request Example**

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/healthcheck
Fastly-Key: d3cafb4dde4d6eef
Accept: application/json
```

**Response Example**

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

[ ]
```
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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

GET /service/SU1Z0isxPaozGVXvdov0eY/version/1/healthcheck/example-healthcheck
Fastly-Key: d3cafb4dde4beb
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": "SU1Z0isxPaozGVXvdov0eY",
  "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-displaying-your-api-key) or session cookie (/api/auth#session) 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: d3cafb4dde4dbeef
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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
</table>

https://docs.fastly.com/api/aio
old_name  string  Old name of the healthcheck object (used to select the correct healthcheck object if the name has been changed).

Request Example

PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/healthcheck/example-healthcheck
Fastly-Key: d3cafb4dde4dbeeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

id=updated-healthcheck

Response Example

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

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

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

Delete the healthcheck for a particular service and version

Authentication

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

Request Example

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

Response Example

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

{  

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

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>action</td>
<td>string</td>
<td>Allows you to terminate request handling and immediately perform an action. When set it can be <em>lookup</em> or <em>pass</em> (ignore the cache completely).</td>
</tr>
<tr>
<td>bypass_busy_wait</td>
<td>boolean</td>
<td>Disable collapsed forwarding, so you don’t wait for other objects to origin.</td>
</tr>
<tr>
<td>default_host</td>
<td>string</td>
<td>Sets the host header.</td>
</tr>
<tr>
<td>force_miss</td>
<td>boolean</td>
<td>Allows you to force a cache miss for the request. Replaces the item in the cache if the content is cacheable.</td>
</tr>
<tr>
<td>force_ssl</td>
<td>boolean</td>
<td>Forces the request use SSL (redirects a non-SSL to SSL).</td>
</tr>
<tr>
<td>geo_headers</td>
<td>boolean</td>
<td>Injects Fastly-Geo-Country, Fastly-Geo-City, and Fastly-Geo-Region into the request headers.</td>
</tr>
<tr>
<td>hash_keys</td>
<td>string</td>
<td>Comma separated list of varnish request object fields that should be in the hash key.</td>
</tr>
<tr>
<td>max_stale_age</td>
<td>integer</td>
<td>How old an object is allowed to be to serve stale-if-error or stale-while-revalidate.</td>
</tr>
<tr>
<td>name</td>
<td>string</td>
<td>Name for the request settings.</td>
</tr>
<tr>
<td>request_condition</td>
<td>string</td>
<td>Name of condition object used to test whether or not these settings should be used.</td>
</tr>
<tr>
<td>service_id</td>
<td>string</td>
<td>The alphanumeric string identifying a service.</td>
</tr>
<tr>
<td>timer_support</td>
<td>boolean</td>
<td>Injects the X-Timer info into the request for viewing origin fetch durations.</td>
</tr>
<tr>
<td>version</td>
<td>integer</td>
<td>The current version of a service.</td>
</tr>
</tbody>
</table>
### 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-displaying-your-api-key) or session cookie (/api/auth#session) 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: d3cafb4de4d3beef
Accept: application/json
```

**Response Example**

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

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

### GET /service/service_id/version/version/request_settings/ name

Gets the specified Request Settings object.

**Authentication**
POST /service/service_id/version/1/request_settings Creates a new Request Settings object.

Authentication

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

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/request_settings
Fastly-Key: d3cafb4dde4dbef
Accept: application/json
```

Response Example

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

{
    "action": "lookup",
    "bypass_busy_wait": "0",
    "default_host": null,
    "force_miss": "0",
    "force_ssl": "1",
    "geo_headers": "1",
    "hash_keys": "null",
    "max_stale_age": "60",
    "name": "testrequest",
    "request_condition": "",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "timer_support": "0",
    "version": "1",
    "xff": "append"
}
```
PUT /service/service_id/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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

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

Request Example

PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/request_settings/testrequest
Fastly-Key: d3cafb4dde4dbeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

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

Response Example

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

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

Removes the specified Request Settings object.

Authentication

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

Request Example

DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/request_settings/testrequest
Fastly-Key: d3cafb4dde4d6eef
Accept: application/json

Response Example

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

{ "status":"ok" }

Response Object

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

Fields

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>cache_condition</td>
<td>string</td>
<td>Name of the condition checked after we have retrieved an object. If the condition passes then deliver this Request Object instead.</td>
</tr>
<tr>
<td>content</td>
<td>string</td>
<td>The content to deliver for the response object, can be empty.</td>
</tr>
</tbody>
</table>
### field | type | description
--- | --- | ---
content_type | string | The MIME type of the content, can be empty.
name | string | Name that identifies the Response Object.
status | string | The HTTP Status Code, defaults to 200.
response | string | The HTTP Response, defaults to "Ok"
request_condition | string | Name of the condition to be checked during the request phase. If the condition passes then this object will be delivered.
service_id | string | The alphanumeric string identifying a service.
version | integer | The current version of a service.

### Actions

**GET /service/service_id/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-displaying-your-api-key) or session cookie (/api/auth#session) 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: d3cafb4dde4dbef
Accept: application/json
```

#### Response Example

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

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

Gets the specified Response Object.

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-displaying-your-api-key) or session cookie (/api/auth#session) 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: d3cafb4dde4dbef
Accept: application/json

Response Example

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

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

POST  /service/ service_id /version/ version /response_object

Creates a new Response Object.

Authentication

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

HTTP/1.1 200 OK
Content-Type: application/json
PUT /service/ service_id /version/ version /response_object/ old_name

Updates the specified Response Object.

Authentication

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

Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>old_name</td>
<td>string</td>
<td>Old name of the Response object (used to select the correct Response object if the name has been changed).</td>
</tr>
</tbody>
</table>

Request Example

PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/response_object/testresponse
Fastly-Key: d3cafb4dde4dbee
Content-Type: application/x-www-form-urlencoded
Accept: application/json
status=200&response=Ok&name=testresponse&content=THIS+MESSAGE+MEANS+ALL+IS+OKAY

Response Example

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

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

Deletes the specified Response Object.

**Authentication**

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

**Response Example**

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

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

**Service**

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

**Fields**

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>active</td>
<td>boolean</td>
<td>Indicates if the version is active for this service.</td>
</tr>
<tr>
<td>active_version</td>
<td>array</td>
<td>List of configuration for active version of a service.</td>
</tr>
<tr>
<td>backends</td>
<td>array</td>
<td>List of backend associated to this service.</td>
</tr>
<tr>
<td>cache_settings</td>
<td>array</td>
<td>List of cache_settings associated to this service.</td>
</tr>
<tr>
<td>comment</td>
<td>string</td>
<td>Description field.</td>
</tr>
<tr>
<td>conditions</td>
<td>array</td>
<td>List of conditions associated to this service.</td>
</tr>
<tr>
<td>customer_id</td>
<td>string</td>
<td>Which customer this service belongs to.</td>
</tr>
<tr>
<td>deployed</td>
<td>boolean</td>
<td>Indicates if the version has been deployed.</td>
</tr>
<tr>
<td>field</td>
<td>type</td>
<td>description</td>
</tr>
<tr>
<td>--------------</td>
<td>----------</td>
<td>-------------------------------------------------------</td>
</tr>
<tr>
<td>directors</td>
<td>array</td>
<td>List of directors associated to this service.</td>
</tr>
<tr>
<td>domain</td>
<td>array</td>
<td>List of domains associated to this service.</td>
</tr>
<tr>
<td>gzips</td>
<td>array</td>
<td>List of gzip rules associated to this service.</td>
</tr>
<tr>
<td>headers</td>
<td>array</td>
<td>List of headers associated to this service.</td>
</tr>
<tr>
<td>healthchecks</td>
<td>array</td>
<td>List of healthchecks associated to this service.</td>
</tr>
<tr>
<td>locked</td>
<td>boolean</td>
<td>Indicates if this version is locked and uneditable.</td>
</tr>
<tr>
<td>logging_syslog</td>
<td>array</td>
<td>List of logging services associated to this service.</td>
</tr>
<tr>
<td>number</td>
<td>integer</td>
<td>Current version number of this service.</td>
</tr>
<tr>
<td>request_settings</td>
<td>array</td>
<td>List of request_settings for this service.</td>
</tr>
<tr>
<td>response_objects</td>
<td>array</td>
<td>List of response_objects for this service.</td>
</tr>
<tr>
<td>name</td>
<td>string</td>
<td>The name of this service.</td>
</tr>
<tr>
<td>publish_key</td>
<td>string</td>
<td>What key to use for the publish streams.</td>
</tr>
<tr>
<td>service_id</td>
<td>string</td>
<td>The alphanumeric string identifying a service.</td>
</tr>
<tr>
<td>settings</td>
<td>array</td>
<td>List of default settings for this service.</td>
</tr>
<tr>
<td>staging</td>
<td>boolean</td>
<td>Unused at this time.</td>
</tr>
<tr>
<td>testing</td>
<td>boolean</td>
<td>Unused at this time.</td>
</tr>
<tr>
<td>vcls</td>
<td>array</td>
<td>List of VCL for this service.</td>
</tr>
<tr>
<td>version</td>
<td>integer</td>
<td>The current version of this service.</td>
</tr>
<tr>
<td>versions</td>
<td>array</td>
<td>A list of versions associated with this service.</td>
</tr>
<tr>
<td>wordpress</td>
<td>array</td>
<td>A list of wordpress rules with this service.</td>
</tr>
</tbody>
</table>

**Actions**

**GET** /service

List Services

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

Request Example

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

Response Example

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

[
  {
    "comment": "",
    "customer_id": "x4xCwxxJxGCh123Rx5xTx",
    "id": "SU1Z0isxPaozGVKXdv0eY",
    "name": "test service",
    "version": 1,
    "versions": [{
      "active": null,
      "comment": "",
      "created_at": "2016-04-27T19:40:49",
      "deployed": null,
      "locked": "1",
      "number": "1",
      "service": "SU1Z0isxPaozGVKXdv0eY",
      "service_id": "SU1Z0isxPaozGVKXdv0eY",
      "staging": null,
      "testing": null,
      "updated_at": "2016-05-09T16:27:00"
    },
  ],
}
]```

**GET /service/id/details**

List detailed information on a specified service

**Authentication**

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

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/details
Fastly-Key: d3cafb4dde4dbee
Accept: application/json
```
**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-displaying-your-api-key](https://docs.fastly.com/api/auth#api-key) or session cookie ([api/auth#session](https://docs.fastly.com/api/auth#session)) with at least `Engineer` permissions ([guides/user-access-and-control/user-roles-and-how-to-change-them](https://docs.fastly.com/api/auth#user-access-and-control)).

**Request Example**

```
GET /service/search?name=test-service
Fastly-Key: d3cafb4dde4debeef
Accept: application/json
```

**Response Example**

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

{
   "acls": [],
   "active_version": 
   "active": true,
   "backends": [],
   "cache_settings": [],
   "comment": "",
   "conditions": [],
   "deployed": true,
   "dictionaries": [],
   "directories": [],
   "domains": [],
   "gzs": [],
   "headers": [],
   "healthchecks": [],
   "locked": true,
   "number": 1,
   "request_settings": [],
   "response_objects": [],
   "service_id": "SU1Z0iszPaozGVXdv0eY",
   "settings": {
      "general.default_host": "",
      "general.default_pci": 0,
      "general.default_ttl": 3600
   },
   "staging": true,
   "testing": true,
   "vcls": [],
   "wordpress": []
},
"comment": "",
"customer_id": "x4xCwxxJxGCx123Rx5xTx",
"id": "SU1Z0iszPaozGVXdv0eY",
"name": "test service",
}
```
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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

GET /service/SU1Z0isxPaozGVXdv0eY
Fastly-Key: d3cafb4dde4db6f
Accept: application/json
Response Example

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

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

Create a service

Authentication

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

Request Example

<table>
<thead>
<tr>
<th>Fastly-Key: d3cafb4de4d4beef</th>
</tr>
</thead>
<tbody>
<tr>
<td>Content-Type: application/x-www-form-urlencoded</td>
</tr>
<tr>
<td>Accept: application/json</td>
</tr>
<tr>
<td>name=test-service</td>
</tr>
</tbody>
</table>

Response Example

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

```json
{
  "comment": "",
  "created_at": "2016-05-09T20:46:46+00:00",
  "customer_id": "x4xCwwxJxGCx123Rx5xTx",
  "deleted_at": null,
  "id": "SU120isxPaozGVXdv0eY",
  "name": "test-service",
  "publish_key": "6c8a846405a7293dd13c0c7291ebf011fa4354e3",
  "updated_at": "2016-05-09T20:46:46+00:00",
  "versions": [
    {
      "active": null,
      "backend": 0,
      "comment": "",
      "created_at": "2016-05-09T20:46:46",
      "deleted_at": null,
      "deployed": null,
      "locked": "0",
      "number": "1",
      "service": "SU120isxPaozGVXdv0eY",
      "service_id": "SU120isxPaozGVXdv0eY",
      "staging": null,
      "testing": null,
      "updated_at": "2016-05-09T20:46:46"
    }
  ]
}```
**PUT**  /service/ \( id \)

Update a service

**Authentication**

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

**Request Example**

```
PUT /service/SU1Z0isxPaozGVKXdv0eY
Fastly-Key: d3cafb4dde4dbeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=updated-service-name
```

**Response Example**

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

{
  "comment": "",
  "created_at": "2016-05-09T20:46:46+00:00",
  "customer_id": "x4xCwxxJxGx123Rx5xTx",
  "deleted_at": null,
  "id": "SU1Z0isxPaozGVKXdv0eY",
  "name": "updated-test-service",
  "publish_key": "6c8a846405a7293dd13c0c7291ebf011fa4354e3",
  "updated_at": "2016-05-09T20:46:46+00:00",
  "versions": [
    {
      "active": null,
      "backend": 0,
      "comment": "",
      "created_at": "2016-05-09T20:46:46",
      "deployed": null,
      "locked": "0",
      "number": "1",
      "service": "SU1Z0isxPaozGVKXdv0eY",
      "service_id": "SU1Z0isxPaozGVKXdv0eY",
      "staging": null,
      "testing": null,
      "updated_at": "2016-05-09T20:46:46"
    }
  ]
}
```

**DELETE**  /service/ \( id \)

Delete a service

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

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY
Fastly-Key: d3c4f4d4e4de4de4beef
Accept: application/json
```

Response Example

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

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

Settings

Handles default settings for a particular version of a service.

Fields

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>general.default_host</td>
<td>string</td>
<td>The default host name for the version.</td>
</tr>
<tr>
<td>general.default_ttl</td>
<td>integer</td>
<td>The default Time-to-live (TTL) for the version.</td>
</tr>
<tr>
<td>service_id</td>
<td>string</td>
<td>The alphanumeric string identifying a service.</td>
</tr>
<tr>
<td>version</td>
<td>integer</td>
<td>The current version of a service.</td>
</tr>
</tbody>
</table>

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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/settings
Fastly-Key: d3c4f4d4e4de4de4beef
Accept: application/json
```
Response Example

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

{
    "general.default_host": "",
    "general.default_ttl": 3600,
    "service_id": "SU1Z0isxPaozGVXXdv0eY",
    "version": 1
}
```

**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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
PUT /service/SU1Z0isxPaozGVXXdv0eY/version/1/settings
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json

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

Response Example

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

{
    "general.default_host": "www.example.com",
    "general.default_ttl": 7200,
    "service_id": "SU1Z0isxPaozGVXXdv0eY",
    "version": 1
}
```

Stats

Stats give you information on the usage and performance of your Service. They can be request by Service and over a particular time span. Stats are broken down per datacenter, giving you information on how your Services are being used across the world. There is now a more flexible, and fully featured Stats API (/api/stats) available

Fields
### ACTIONS

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

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

#### Authentication

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

#### Request Example

GET /service/SU1Z0isxPaozGVKXdv0eY/stats/summary?year=2013&month=7
Fastly-Key: d3cafb4dde4beef
Accept: application/json

#### Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
{
  "stats": {
    "AMS": {
      "attack_block": 0,
      "attack_body_size": 0,
      "attack_header_size": 0,
      "attack_synth": 0,
      "blacklist": 0,
      "body_size": 47156,
      "header_size": 2548,
      "hits": 0,
      "hits_time": 0.0,
      "http2": 0,
      "imgopto": 0,
      "ipv6": 0,
      "log": 0,
      "miss": 0,
      "miss_time": 0.0,
      "orig_req_body_size": 0,
      "orig_req_header_size": 0,
      "orig_resp_body_size": 0,
      "orig_resp_header_size": 0,
      "otfp": 0,
      "pass": 3,
    }
  }
}
```
GET /service/ service_id /stats/ type

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

Authentication

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

Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td>string</td>
<td>Granularity of stats requested. one of: all, minutely, hourly, daily</td>
</tr>
</tbody>
</table>

Request Example

GET /service/SU1Z0isxPaozGVKXdv0eY/stats/daily
Fastly-Key: d3cafb4dde4dab4d
Accept: application/json

Response Example

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

```json
{
  "stats": {
    "AMS": {
      "attack_block": 0,
      "attack_body_size": 0,
      "attack_header_size": 0,
      "attack_synth": 0,
      "blacklist": 0,
      "body_size": 47156,
      "tls": 0,
      "uncacheable": 0,
      "video": 0
    },
    "shield": 0,
    "status_1xx": 0,
    "status_200": 3,
    "status_204": 0,
    "status_2xx": 3,
    "status_301": 0,
    "status_302": 0,
    "status_304": 0,
    "status_3xx": 0,
    "status_4xx": 0,
    "status_503": 0,
    "status_5xx": 0,
    "synth": 0,
    "tls": 0,
    "uncacheable": 0,
    "video": 0
  },
  "pipe": 0,
  "requests": 3,
  "shield": 0,
  "status_1xx": 0,
  "status_200": 3,
  "status_204": 0,
  "status_2xx": 3,
  "status_301": 0,
  "status_302": 0,
  "status_304": 0,
  "status_3xx": 0,
  "status_4xx": 0,
  "status_503": 0,
  "status_5xx": 0,
  "synth": 0,
  "tls": 0,
  "uncacheable": 0,
  "video": 0
}
```
VCL

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

Fields

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>content</td>
<td>string</td>
<td>The VCL code to be included.</td>
</tr>
<tr>
<td>main</td>
<td>boolean</td>
<td>Set to true when this is the main VCL, otherwise false.</td>
</tr>
<tr>
<td>name</td>
<td>string</td>
<td>The name of this VCL.</td>
</tr>
<tr>
<td>service_id</td>
<td>string</td>
<td>The alphanumeric string identifying a service.</td>
</tr>
<tr>
<td>version</td>
<td>integer</td>
<td>The current version of a service.</td>
</tr>
<tr>
<td>Actions</td>
<td>type</td>
<td>description</td>
</tr>
<tr>
<td>---------</td>
<td>------</td>
<td>-------------</td>
</tr>
<tr>
<td>GET</td>
<td>/service/ service_id /version/ version /vcl</td>
<td></td>
</tr>
</tbody>
</table>

List the uploaded VCLs for a particular service and version

Authentication

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

Response Example

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

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

GET /service/ service_id /version/ version /boilerplate

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

Authentication

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

Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```
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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>no_content</td>
<td>boolean</td>
<td>Omit VCL content (default 0)</td>
</tr>
</tbody>
</table>

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/vcl/test-vcl
Fastly-Key: d3cafb4dde4de4beef
Accept: application/json
```

Response Example

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

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

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

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

Authentication

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

Request Example
GET /service/SU1Z0isxPaozGVXdv0eY/version/1/vcl/test-vcl/content
Fastly-Key: d3cafb4dde4db6f
Accept: application/json

Response Example

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

```
{
    "content": "<div class="highlight"><pre>
  backend
  default {
    host = "127.0.0.1";
    port = "80";
  }
  sub vcl_recv {
      set req.backend = default;
  }
  sub vcl_hash {
      set req.hash += req.url;
      set req.http.host += "0";
  }
</pre></div>
"}
```

GET /service/service_id/version/1/vcl/name/download

Download the specified VCL

Authentication

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

Request Example

GET /service/SU1Z0isxPaozGVXdv0eY/version/1/vcl/test-vcl/download
Fastly-Key: d3cafb4dde4db6f

Response Example

HTTP/1.1 200 OK
Content-Type: text/plain

```
*VCL*
```
**GET** `/service/ service_id /version/ version /generated_vcl`

Display the generated VCL for a particular service and version

**Authentication**

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-displaying-your-api-key) or session cookie (/api/auth#session) 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: d3cafb4dde4dbef
Accept: application/json
```

**Response Example**

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

{
  "content": "backend default {
    .host = "127.0.0.1";
    .port = "9093";
  }
  ns sub vcl_recv {
    set req.backend = default;
  }
  ns sub vcl_hash {
    set req.hash += req.url;
    set req.hash += req.http.host;
    set req.hash += "0";
  }
  
  main": false,
  "name": "c46e2d848a9d3d9e86b85bd1b71616b7",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
}
```

**GET** `/service/ service_id /version/ version /generated_vcl/content`

Display the content of generated VCL with HTML syntax highlighting Include line numbers by sending `lineno=true` as a request parameter

**Authentication**

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

**Request Example**

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/generated_vcl/content
Fastly-Key: d3cafb4dde4dbef
Accept: application/json
```

**Response Example**

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

{
```
POST /service/service_id/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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/vcl
Fastly-Key: d3cafb4dde4dbeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json
name=test-vcl&content=<URL-encoded VCL code>

Response Example

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

{"content": "backend default {
  .host = "127.0.0.1";
  .port = "9092";
}

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";
}
}"}
**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-displaying-your-api-key) or session cookie (/api/auth#session) 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**

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

{
    "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;
        set req.hash += "0";
    }
    "main": true,
    "name": "test-vcl",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "version": 1
}
```

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

Update the uploaded VCL for a particular service and version

**Authentication**

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

**Parameters**

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>old_name</td>
<td>string</td>
<td>Old name of the VCL object (used to select the correct VCL object if the name has been changed).</td>
</tr>
</tbody>
</table>

**Request Example**

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/vcl/test-vcl
Fastly-Key: d3cafb4dde4dbee
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```
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-displaying-your-api-key) or session cookie (/api/auth#session) 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"
}
```

**Version**

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

**Fields**

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
</table>

```
### 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-displaying-your-api-key) or session cookie (api/auth#session) with at least Engineer permissions (guides/user-access-and-control/user-roles-and-how-to-change-them).

#### Request Example

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

#### Response Example

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

[
    {
        "active": true,
        "comment": ",",
        "created_at": "2016-05-01T19:40:49+00:00",
        "deleted_at": null,
        "deployed": null,
        "locked": true,
        "number": 1,
    }
]
```
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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

GET /service/SU1Z0isxPaozGVXdv0eY/version/1
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json

Response Example

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

{
    "active": true,
    "comment": "",
    "created_at": "2016-05-01T19:40:49+00:00",
    "deployed": null,
    "deleted_at": null,
    "locked": true,
    "number": 1,
    "service_id": "SU1Z0isxPaozGVXdv0eY",
    "staging": null,
    "testing": null,
    "updated_at": "2016-05-09T16:19:09+00:00"
}

GET /service/service_id/version/number(validate

Validate the version for a particular service and version.

Authentication

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

Request Example

GET /service/SU1Z0isxPaozGVXdv0eY/version/1/validate
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-displaying-your-api-key) or session cookie (/api/auth#session) 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: d3cafb4dde4d4eef
Accept: application/json
```

Response Example

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

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

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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1
Fastly-Key: d3cafb4dde4d4eef
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

Response Example

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

{
    "number":1,
    "service_id": "SU1Z0isxPaozGVKXdv0eY"
}
```
deployed=true&staging=true&testing=true

Response Example

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

{
  "active": null,
  "comment": "",
  "created_at": "2016-05-01T19:40:51+00:00",
  "deleted_at": null,
  "deployed": true,
  "locked": false,
  "number": 1,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "staging": true,
  "testing": true,
  "updated_at": "2016-05-09T16:19:09+00:00"
}

PUT /service/service_id/version/number/activate

Activate the current version.

Authentication

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

Request Example

PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/activate
Fastly-Key: d3cafb4dde4d6beef
Accept: application/json

Response Example

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

{
  "active": true,
  "comment": "",
  "created_at": "2016-05-01T19:40:51+00:00",
  "deleted_at": null,
  "deployed": true,
  "locked": true,
  "number": 1,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "staging": true,
  "testing": true,
  "updated_at": "2016-05-09T16:19:09+00:00"
}
PUT /service/service_id/version/number/deactivate

Deactivate the current version.

Authentication

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

Response Example

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

{
  "active": false,
  "comment": "",
  "created_at": "2016-05-01T19:40:51+00:00",
  "deleted_at": null,
  "deployed": false,
  "locked": true,
  "number": 1,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "staging": true,
  "testing": true,
  "updated_at": "2016-05-09T16:19:09+00:00"
}
```

PUT /service/service_id/version/number/clone

Clone the current configuration into a new version.

Authentication

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

Request Example

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

Response Example

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

```
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-displaying-your-api-key) or session cookie (/api/auth#session) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/lock
Fastly-Key: d3cafb4dde4d4beef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

Response Example

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

{
  "active": false,
  "comment": "",
  "created_at": "2016-05-01T19:40:51+00:00",
  "deleted_at": null,
  "deployed": false,
  "locked": true,
  "number": 1,
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "staging": true,
  "testing": true,
  "updated_at": "2016-05-09T16:19:09+00:00"
}

Wordpress

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

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>comment</td>
<td>string</td>
<td>A comment.</td>
</tr>
<tr>
<td>name</td>
<td>string</td>
<td>Name of the WordPress object.</td>
</tr>
<tr>
<td>version</td>
<td>integer</td>
<td>The current version of a service.</td>
</tr>
<tr>
<td>path</td>
<td>string</td>
<td>Requests to this path will use WordPress configuration.</td>
</tr>
<tr>
<td>service_id</td>
<td>string</td>
<td>The alphanumeric string identifying a service.</td>
</tr>
</tbody>
</table>

Actions

GET  `/service/ service_id /version/ version /wordpress`

Get all of the WordPress configurations for a specified service and version.

Authentication

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

Get a specific WordPress configuration.

Authentication
API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-displaying-your-api-key) or session cookie (/api/auth#session) 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/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"
}
```

**POST /service/ service_id /version/ version /wordpress**

Create a WordPress configuration for the specified service and version.

Authentication

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

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/wordpress
Fastly-Key: d3cafb4dde4dbeef
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": "SU1Z0isxPaozGVKXdv0eY"
}
```
PUT /service/ service_id /version/ version /wordpress/ old_name

Update a specified WordPress configuration.

Authentication

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

Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>old_name</td>
<td>string</td>
<td>Old name of the WordPress object (used to select the correct WordPress object if the name has been changed).</td>
</tr>
</tbody>
</table>

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/wordpress/testwordpress
Fastly-Key: d3cafb4dde4d4beef
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": "wordpresstest",
    "path": "/blog",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "version": 1
}
```

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

Delete a specified WordPress configuration.

Authentication

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

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/wordpress/testwordpress
Fastly-Key: d3cafb4dde4d4beef
Accept: application/json
```
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**

Disabled by default. See Authenticating URL purge requests via API (/guides/purging/authenticating-api-purge-requests) to enable.

**Parameters**

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>string</td>
<td>Full path of the URL.</td>
</tr>
</tbody>
</table>

**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"
}
```
Authentication

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

Request Example

```plaintext
POST /service/SU1Z0isxPaozGVKXdv0eY/purge_all
Fastly-Key: d3cafb4dde4dbef
Accept: application/json
```

Response Example

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

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

**POST /service/service_id/purge/key**

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

Authentication


Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>key</td>
<td>string</td>
<td>Surrogate Key to purge.</td>
</tr>
</tbody>
</table>

Request Example

```plaintext
POST /service/SU1Z0isxPaozGVKXdv0eY/purge/hTE5dR1SBICGPJxJwCH4M
Fastly-Key: d3cafb4dde4dbef
Accept: application/json
```

Response Example

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

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

---

**Soft Purging**

https://docs.fastly.com/api/aio
Soft Purging sets an object's TTL to 0s, forcing revalidation. For best results, Soft Purging should be used in conjunction with stale_while_revalidate and stale_if_error. The main entry point http://api.fastly.com/ for the API is not needed for a single URL Soft Purge.

**Actions**

**PURGE */**

Soft Purge an individual URL.

**Authentication**

Disabled by default. See Authenticating URL purge requests via API (/guides/purging/authenticating-api-purge-requests) to enable.

**Parameters**

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>string</td>
<td>Full path of the URL</td>
</tr>
</tbody>
</table>

**Request Example**

curl -X PURGE -H "Fastly-Soft-Purge:1" http://www.example.com/image.jpg

**Response Example**

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

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

**POST /service/service_id/purge/key**

Soft Purge a particular service of items tagged with a key.

**Authentication**

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

**Request Example**

```
POST /service/SU1%0isxPaozGVKXdv0eY/purge/hTE5dR1SBICGPJxJwCH4M
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
Fastly-Soft-Purge: 1
```

**Response Example**
HTTP/1.1 200 OK
Content-Type: application/json

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

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

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

Authentication
To authenticate (/api/auth), use a Fastly-Key header containing your API token (/api/auth#tokens), API key (/api/auth#key), or a session cookie (/api/auth#session).
Here's an example using the command-line tool cURL:

curl -H "Fastly-Key: YOUR_API_KEY" https://api.fastly.com/stats/usage

Query Options (Time Range, Sampling Rate, and Regions)
There are four query parameters that you can use to specify what information is returned by the stats API. The `from` and `to` parameters control the window over which you want to fetch stats information. The `by` controls the sampling rate (day, hour, or minute). And the `region` parameter allows you to restrict the result set to a particular region.

Param: from and to
The `from` and `to` parameters are exact times that control the window over which to fetch historical statistics. By default you can use UNIX timestamps when specifying these parameters, but many forms of human readable inputs are also available, such as:

- `Yesterday`
- `Two weeks ago`
- `2/20/2013`
Date parsing is performed using the Chronic ruby library; for the most detailed information on exactly what formats are available please visit the gem’s GitHub page (https://github.com/mojombo/chronic (https://github.com/mojombo/chronic)).

Let's see some examples:

/\texttt{stats?from=}10\texttt{+days+ago} \hfill

Returns stats for each of your services, by day, for the last ten days

/\texttt{stats?from=}10\texttt{+days+ago} \hfill

Stats from Tuesday 14th May 2013 @ 20:29:37pm UTC to Thursday 16th May 2013 @ 20:29:37pm UTC

/\texttt{stats?from=}1\texttt{/1/2013}&\texttt{to=}2\texttt{/1/2013}\hfill

Daily stats from January 1st, 2013 (1/1/2013) to February 1st, 2013

When the time of day is not specified, the Stats API assumes 12pm. To specify a midnight to midnight range, you would use \texttt{from=}1\texttt{/1/2013}\texttt{00:00}&\texttt{to=}2\texttt{/1/2013}\texttt{00:00}, before encoding).

The \texttt{from} parameter is "inclusive" and the \texttt{to} parameter is "exclusive". This means that we will return only rows with recorded times that match the following inequality:

\texttt{from} \leq \texttt{recorded} < \texttt{to}

\textbf{\textcolor{blue}{\textbf{\textit{\textcolor{red}{\textbullet{}}\ 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.

\textbf{Param:} \texttt{by}

The \texttt{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:

- \texttt{minute} - Stats will be sampled by minute for each recorded minute in the specified window
- \texttt{hour} - Sample by hour within the specified window
- \texttt{day} - Sample by day within the specified window

If you do not provide a \texttt{by} parameter in your query it will default to 'day'. Each sampling rate also specifies default \texttt{to} and \texttt{from} parameters if you omit them:

Each value for the \texttt{by} parameter has associated defaults for the \texttt{to} and \texttt{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:

```
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).

**Response Format**

To make it easier to understand how a query is being processed we use a specific JSON response format. Here is an example:

```
/stats?from=l+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

Historical Stats

Fields

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>requests</td>
<td>integer</td>
<td>Number of requests processed</td>
</tr>
<tr>
<td>hits</td>
<td>integer</td>
<td>Number of cache hits</td>
</tr>
<tr>
<td>hits_time</td>
<td>float</td>
<td>Amount of time spent processing cache hits (in seconds)</td>
</tr>
<tr>
<td>miss</td>
<td>integer</td>
<td>Number of cache misses</td>
</tr>
<tr>
<td>miss_time</td>
<td>float</td>
<td>Amount of time spent processing cache misses (in seconds)</td>
</tr>
<tr>
<td>pass</td>
<td>integer</td>
<td>Number of requests that passed through the CDN without being cached</td>
</tr>
<tr>
<td>errors</td>
<td>integer</td>
<td>Number of cache errors</td>
</tr>
<tr>
<td>hit_ratio</td>
<td>float</td>
<td>Ratio of cache hits to cache misses (between 0 and 1)</td>
</tr>
<tr>
<td>bandwidth</td>
<td>integer</td>
<td>Total bytes delivered (body_size + header_size)</td>
</tr>
<tr>
<td>body_size</td>
<td>integer</td>
<td>Total body bytes delivered</td>
</tr>
<tr>
<td>header_size</td>
<td>integer</td>
<td>Total header bytes delivered</td>
</tr>
<tr>
<td>uncachable</td>
<td>integer</td>
<td>Number of requests that were denoted uncachable.</td>
</tr>
<tr>
<td>pipe</td>
<td>integer</td>
<td>Optional. Pipe operations performed (legacy feature)</td>
</tr>
<tr>
<td>status_200</td>
<td>integer</td>
<td>Number of responses sent with status code 200 (Success)</td>
</tr>
<tr>
<td>status_204</td>
<td>integer</td>
<td>Number of responses sent with status code 204 (No Content)</td>
</tr>
<tr>
<td>status_301</td>
<td>integer</td>
<td>Number of responses sent with status code 301 (Moved Permanently)</td>
</tr>
<tr>
<td>status_302</td>
<td>integer</td>
<td>Number of responses sent with status code 302 (Found)</td>
</tr>
<tr>
<td>status_304</td>
<td>integer</td>
<td>Number of responses sent with status code 304 (Not Modified)</td>
</tr>
<tr>
<td>status_503</td>
<td>integer</td>
<td>Number of responses sent with status code 503 (Service Unavailable)</td>
</tr>
</tbody>
</table>
### Fastly API Documentation

**Fastly API Documentation**

**GET**

```
field    | type   | description
------    | ------ | -------------
status_1xx | integer | Number of "Informational" category status codes delivered
status_2xx | integer | "Success" status codes delivered
status_3xx | integer | "Redirection" codes delivered
status_4xx | integer | "Client Error" codes delivered
status_5xx | integer | "Server Error" codes delivered
```

**Actions**

**GET /stats**

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

**Authentication**

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

**Request Example**

```plaintext
GET /stats?from=1+day+ago
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

**Response Example**

```json
{
  "status": "success",
  "meta": {
    "to": "Thu May 16 20:08:35 UTC 2013",
    "from": "Wed May 15 20:08:35 UTC 2013",
    "by": "day",
    "region": "all"
  },
  "msg": null,
  "data": {
    "6ElZZvtumbwtLBDJvFwepx": [
      {
        "requests": "1925645",
        "miss_time": "55.153864891000005",
        "start_time": "1368662400",
        "service_id": "6ElZZvtumbwtLBDJvFwepx",
        "bandwidth": "176544526854",
        "hits": "1902348",
        "hits_time": "520.0779119150006",
        "miss": "8354",
        "body_size": "175900019026",
        "pass": "4212",
        "header_size": "644507828",
        "status_200": "1208426",
        "status_204": "0",
```
GET /stats/field/ field

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

Authentication

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

Request Example

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

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

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

Request Example

```plaintext
GET /stats/aggregate?from=1368563377&to=1368736177
Fastly-Key: d3cafb4de4beef
Accept: application/json
```

Response Example

```plaintext
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",
            "miss_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_5xxx": "21642",
            "uncacheable": "0"
        },
        {
            "requests": "7908607",
            "miss_time": "31645.078110511986",
            "start_time": "1368662400",
            "bandwidth": "201478840738",
            "hits": "3455867",
            "miss_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_503": "41246",
"pipe": "0",
"status_5xx": "41389",
"uncacheable": "0"
}
```

**GET /stats/service/ service_id**

Fetches historical stats for a given service.

**Authentication**

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

**Request Example**

```
GET /stats/service/1jlmtMz1ncwA0KC3TBGD0X?
from=40+minutes+ago&to=38+minutes+ago&by=minute
Fastly-Key: d3cafb4ddee4beef
Accept: application/json
```

**Response Example**

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

{
    "status": "success",
    "meta": {
        "to": "Thu May 16 19:57:24 UTC 2013",
        "from": "Thu May 16 19:55:24 UTC 2013",
        "by": "minute",
        "region": "all"
    },
    "msg": null,
    "data": [
        {
            "requests": "21",
            "miss_time": "0",
            "start_time": "1368734160",
            "service_id": "1jlmtMz1ncwA0KC3TBGD0X",
            "bandwidth": "160238",
            "hits": "0",
            "hits_time": "0",
            "miss": "0",
            "body_size": "150948",
            "pass": "19"
        }
    ]
}
```
Fetches the specified field from the historical stats for a given service.

Authentication

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

Request Example

```
GET /stats/service/1jlmtMz1ncwA0KC3TBGD0X/field/bandwidth?from=2+days+ago
Fastly-Key: d3cafb4d4de4dbee
```
GET /stats/usage

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

Authentication

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

Request Example

GET /stats/usage?from=1%2F1%2F2013&to=2%2F1%2F2013
Fastly-Key: d3cafb4dde4db0eef
Accept: application/json

Response Example

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

{  "status": "success",
  "meta": {  "to": "Fri Feb 01 12:00:00 UTC 2013",
              "from": "Tue Jan 01 12:00:00 UTC 2013",
              "by": "day",
              "region": "all"
   },
  "msg": null,
  "data": [  {  "service_id": "1jlmtMz1ncwA0KC3TBGDOX",
                "start_time": "1368576000",
                "bandwidth": "376983356"
   },
   {  "service_id": "1jlmtMz1ncwA0KC3TBGDOX",
                "start_time": "1368662400",
                "bandwidth": "322029360"
   }
  ]
}
GET /stats/usage_by_service

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

Authentication

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

Request Example

```
GET /stats/usage_by_service?from=2%2F1%2F2013&to=3%2F1%2F2013
Fastly-Key: d3cafb4dde4dbee
Accept: application/json
```

Response Example

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

{
    "status": "success",
    "meta": {
        "to": "Fri Mar 01 12:00:00 UTC 2013",
        "from": "Fri Feb 01 12:00:00 UTC 2013",
        "by": "day",
        "region": "all"
    },
    "msg": null,
    "data": {
        "apac": {
            "1iPMGAF44YgzB7sINv4KTF": {
                "requests": "60524",
                "bandwidth": "6004223792"
            },
            "7mai6mbwwRz0JXhAY8ZSN2": {
                "requests": "3",
                "bandwidth": "1305"
            }
        },
        "ausnz": {
            "requests": "2888860",
            "bandwidth": "173220202333"
        },
        "usa": {
            "requests": "163546563",
            "bandwidth": "153220202333"
        },
        "europe": {
            "requests": "2888860",
            "bandwidth": "10735282284"
        }
    }
}
```
GET /stats/regions

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

Authentication

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

Request Example

```
GET /stats/regions
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

{
  "status": "success",
  "meta": {
    "to": "Thu May 16 19:52:15 UTC 2013",
    "from": "Tue Apr 16 19:52:15 UTC 2013",
    "by": "day",
    "region": "all"
  }
}
```
Real-time analytics (/api/analytics)
Fastly provides an HTTPS endpoint to poll for real-time analytics.

Endpoint
The base endpoint for the real-time analytics system is https://rt.fastly.com. All URLs are relative to that endpoint. All requests must be sent over HTTPS.

Authentication
To authenticate (/api/auth), use a Fastly-Key header containing your API token (/api/auth#tokens), API key (/api/auth#key), or a session cookie (/api/auth#session).

Channels
A channel ID is equivalent to a service ID, so each channel will provide real-time analytics for one service. The provided service ID must be owned by the account specified by the API key used for authentication.

There is a special channel ID demo which is used for the analytics on the fastly.com homepage.

URL structure
For regular real-time analytics, this call allows you to get (and potentially wait for) any messages after a given timestamp. A message covers a one second interval:

```
<endpoint>/v1/channel/<service id>/ts/<timestamp in seconds>
```

For the first request, the timestamp can be 0. The response will then return a new timestamp field which should be used for the next request.

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

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

This can be modified by fetching the last N entries.
Response structure

The response is a JSON object. The top level object has two keys: `Timestamp` and `Data`. The `Timestamp` value should be extracted and used for the next API call, e.g.:

1. Set `Timestamp` to 0
2. Make API call
3. Set `Timestamp` to Timestamp value of returned JSON object
4. Do something with the rest of the data
5. Goto #2

The `Data` value is a JSON array. For regular real-time analytics calls, it will only have one or two items. For the history call, it will have as many items as were requested.

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

Each item is a JSON object with two keys: `recorded` is a Unix time stamp (e.g., seconds since Jan 1st, 1970) of when this data was generated on our cache servers, and `datacenter` with another JSON object as a value.

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

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

```
"datacenter" => {
  "AMS" => { ... },
  "SIN" => { ... },
  "SJC" => { ... },
  ...
  "aggregated" => { ... }
}
```

The value of each of the POP keys is another JSON object that has various statistics. For example, here are the statistics for our San Jose POP during that time:

```
"SJC" => {
  "hits" => 10000,
  "misses" => 5000,
  ...
  "aggregated" => { ... }
}
```
The keys are the same as those mentioned on the Historical Stats (/api/stats) page, but they show some statistics that have occurred since the last request, including the following:

- Number of requests
- Number of bytes transmitted in headers
- Number of bytes transmitted in bodies
- Number of hits
- Number of misses
- Number of synthetic responses
- Number of errors
- Amount of time spent delivering hits
- Amount of time spent delivering misses

The `miss_histogram` object is a JSON object. The keys are time buckets in 10s of milliseconds, and the values are the number of requests to origin. In this example provided above, 33 requests went to origin that took between 80 and 89 milliseconds to fetch.

The `miss_histogram` tops out at 60s. Any origin request that takes more than 60 seconds to return will be in the 60000 bucket.

### Rate limiting
The real-time analytics API is rate limited internally. However, it is also cached behind Fastly with an expiration time of 1s. Under normal use there should be no reason for customers to hit that rate limit.

Remote Logging (/api(logging)

S3

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

**Fields**

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>access_key</td>
<td>string</td>
<td>Your S3 account access key.</td>
</tr>
<tr>
<td>bucket_name</td>
<td>string</td>
<td>The bucket name for S3 account.</td>
</tr>
<tr>
<td>created_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was created.</td>
</tr>
<tr>
<td>deleted_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was deleted.</td>
</tr>
<tr>
<td>domain</td>
<td>string</td>
<td>The domain of the Amazon S3 endpoint.</td>
</tr>
<tr>
<td>format</td>
<td>string</td>
<td>Apache style log formatting.</td>
</tr>
<tr>
<td>format_version</td>
<td>integer</td>
<td>The version of the custom logging format used for the configured endpoint. Can be either 1 (the default, version 1 log format) or 2 (the version 2 log format).</td>
</tr>
<tr>
<td>gzip_level</td>
<td>integer</td>
<td>What level of GZIP encoding to have when dumping logs (default 0, no compression).</td>
</tr>
<tr>
<td>message_type</td>
<td>string</td>
<td>How the message should be formatted One of:</td>
</tr>
<tr>
<td>classic</td>
<td>-</td>
<td>(default) RFC 3164 syslog prefix.</td>
</tr>
<tr>
<td>loggly</td>
<td>-</td>
<td>RFC 5424 structured syslog.</td>
</tr>
<tr>
<td>logplex</td>
<td>-</td>
<td>Heroku-style length prefixed syslog.</td>
</tr>
<tr>
<td>blank</td>
<td>-</td>
<td>No prefix. Useful for writing JSON and CSV.</td>
</tr>
<tr>
<td>name</td>
<td>string</td>
<td>The name of the s3 rule.</td>
</tr>
</tbody>
</table>
## API Documentation

### GET /service/service_id/version/version/logging/s3

List all of the S3s for a particular service and version

#### Authentication

none

#### Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/s3
Fastly-Key: d3cafb4dde4dbef
Accept: application/json
```

#### Response Example

```
HTTP/1.1 200 OK
```

---

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>path</td>
<td>string</td>
<td>The path to upload logs to.</td>
</tr>
<tr>
<td>period</td>
<td>integer</td>
<td>How frequently the logs should be dumped (in seconds, default 3600).</td>
</tr>
<tr>
<td>placement</td>
<td>string</td>
<td>Where in the generated VCL the logging call should be placed.</td>
</tr>
<tr>
<td>redundancy</td>
<td>string</td>
<td>The S3 redundancy level.</td>
</tr>
<tr>
<td>response_condition</td>
<td>string</td>
<td>When to execute the s3. If empty, always execute.</td>
</tr>
<tr>
<td>secret_key</td>
<td>string</td>
<td>Your S3 account secret key.</td>
</tr>
<tr>
<td>server_side_encryption_kms_key_id</td>
<td>string</td>
<td>Optional server-side KMS Key Id. Must be set if server_side_encryption is set to aws:kms.</td>
</tr>
<tr>
<td>server_side_encryption</td>
<td>-</td>
<td>String Set this to AES256 or aws:kms to enable S3 Server Side Encryption.</td>
</tr>
<tr>
<td>service_id</td>
<td>string</td>
<td>The alphanumeric string identifying a service.</td>
</tr>
<tr>
<td>timestamp_format</td>
<td>string</td>
<td>strftime specified timestamp formatting (default &quot;%Y-%m-%dT%H:%M:%S.000&quot;).</td>
</tr>
<tr>
<td>updated_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was deleted.</td>
</tr>
<tr>
<td>version</td>
<td>integer</td>
<td>The current version of a service.</td>
</tr>
</tbody>
</table>
GET /service/service_id/version/version/logging/s3/name

Get the S3 for a particular service and version

Authentication
none

Request Example

GET /service/SU1Z0isxPaozGVuxd0eY/version/1/logging/s3/test-s3

Fastly-Key: d3cafb4dde4debeef
Accept: application/json

Response Example

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

```json
{
  "access_key": "AKIAIOSFODNN7EXAMPLE",
  "bucket_name": "my_bucket_name",
  "created_at": "2016-05-23T19:48:33+00:00",
  "deleted_at": null,
  "domain": "s3.amazonaws.com",
  "format": "%h %t %u %t "\"r" %s %b",
  "format_version": "1",
  "gzip_level": 0,
  "message_type": "classic",
  "name": "test-s3",
  "path": null,
  "period": "3600",
  "placement": null,
  "redundancy": null,
  "response_condition": "",
  "secret_key": "wJalrXUtFEMI/K7MDENG/bPxFiCYEXAMPLEKEY",
  "service_id": "SU1Z0isxPaozGVXv0eY",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "updated_at": "2016-05-23T19:48:33+00:00",
  "version": "1"
}
```
POST /service/service_id/version/version/logging/s3

Create a S3 for a particular service and version

Authentication

none

Request Example

POST /service/SU1Z0isxPaozGVXdv0eY/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=wJalrXUt
FEMI/K7MDENGBPyRfiCYEXAMPLEKEY

Response Example

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

{
"access_key": "AKIAIOSFODNN7EXAMPLE",
"bucket_name": "my_bucket_name",
"created_at": "2016-05-23T19:48:33+00:00",
"deleted_at": null,
"domain": "s3.amazonaws.com",
"format": "%h %l %u %t "%r" %>s %b",
"format_version": "1",
"gzip_level": 0,
"message_type": "classic",
"name": "test-s3",
"path": null,
"period": "3600",
"placement": null,
"redundancy": null,
"response_condition": "",
"secret_key": "wJalrXUtFEMI/K7MDENGBPyRfiCYEXAMPLEKEY",
"service_id": "SU1Z0isxPaozGVXdv0eY",
"timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
"updated_at": "2016-05-23T19:48:33+00:00",
"version": "1"
}
Update the S3 for a particular service and version

Authentication
none

Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>old_name</td>
<td>string</td>
<td>Old name of the S3 object (used to select the correct S3 object if the name has been changed).</td>
</tr>
</tbody>
</table>

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/s3/test-s3
Fastly-Key: d3cafb4dde4dbeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=updated-test-s3
```

Response Example

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

{
    "access_key": "AKIAIOSFODNN7EXAMPLE",
    "bucket_name": "my_bucket_name",
    "created_at": "2016-05-23T19:48:33+00:00",
    "deleted_at": null,
    "domain": "s3.amazonaws.com",
    "format": "%h %l %u %t "%r" %>s %b",
    "format_version": "1",
    "gzip_level": 0,
    "message_type": "classic",
    "name": "updated-test-s3",
    "path": null,
    "period": "3600",
    "placement": null,
    "redundancy": null,
    "response_condition": "",
    "secret_key": "wJalrXUtnFEMI/K7MDENG/bPxRfiCYEXAMPLEKEY",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
    "updated_at": "2016-05-23T19:48:33+00:00",
    "version": "1"
}
```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/s3/test-s3
Fastly-Key: d3cafb4dde4dbee
Accept: application/json

Response Example

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

{
  "status":"ok"
}

S3 Canary

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

Fields

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>access_key</td>
<td>string</td>
<td>Your S3 account access key.</td>
</tr>
<tr>
<td>bucket_name</td>
<td>string</td>
<td>The bucket name for S3 account.</td>
</tr>
<tr>
<td>created_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was created.</td>
</tr>
<tr>
<td>deleted_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was deleted.</td>
</tr>
<tr>
<td>domain</td>
<td>string</td>
<td>The domain of the Amazon S3 endpoint.</td>
</tr>
<tr>
<td>format</td>
<td>string</td>
<td>Apache style log formatting.</td>
</tr>
<tr>
<td>format_version</td>
<td>integer</td>
<td>The version of the custom logging format used for the configured endpoint.</td>
</tr>
<tr>
<td>gzip_level</td>
<td>integer</td>
<td>What level of GZIP encoding to have when dumping logs (default 0, no compression).</td>
</tr>
</tbody>
</table>
### Field Description Table

<table>
<thead>
<tr>
<th>Field</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>message_type</td>
<td>string</td>
<td>How the message should be formatted One of:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>classic - (default) RFC 3164 syslog prefix.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>loggly - RFC 5424 structured syslog.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>logplex - Heroku-style length prefixed syslog.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>blank - No prefix. Useful for writing JSON and CSV.</td>
</tr>
<tr>
<td>name</td>
<td>string</td>
<td>The name of the s3 rule.</td>
</tr>
<tr>
<td>path</td>
<td>string</td>
<td>The path to upload logs to.</td>
</tr>
<tr>
<td>period</td>
<td>integer</td>
<td>How frequently the logs should be dumped (in seconds, default 3600).</td>
</tr>
<tr>
<td>placement</td>
<td>string</td>
<td>Where in the generated VCL the logging call should be placed.</td>
</tr>
<tr>
<td>redundancy</td>
<td>string</td>
<td>The S3 redundancy level.</td>
</tr>
<tr>
<td>response_condition</td>
<td>string</td>
<td>When to execute the s3. If empty, always execute.</td>
</tr>
<tr>
<td>secret_key</td>
<td>string</td>
<td>Your S3 account secret key.</td>
</tr>
<tr>
<td>server_side_encryption_kms_key_id</td>
<td>string</td>
<td>Optional server-side KMS Key Id. Must be set if server_side_encryption is set to aws:kms.</td>
</tr>
<tr>
<td>server_side_encryption</td>
<td>string</td>
<td>Set this to AES256 or aws:kms to enable S3 Server Side Encryption.</td>
</tr>
<tr>
<td>service_id</td>
<td>string</td>
<td>The alphanumeric string identifying a service.</td>
</tr>
<tr>
<td>timestamp_format</td>
<td>string</td>
<td>strftime specified timestamp formatting (default &quot;%Y-%m-%dT%H:%M:%S.000&quot;).</td>
</tr>
<tr>
<td>updated_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was deleted.</td>
</tr>
<tr>
<td>version</td>
<td>integer</td>
<td>The current version of a service.</td>
</tr>
</tbody>
</table>

### Actions

**GET**  `/service/service_id/version/version/logging/s3canary`
List all of the S3s for a particular service and version

Authentication
none

Request Example

```
GET /service/SU1Z0isxPaozGVXdv0eY/version/1/logging/s3canary
Fastly-Key: d3cafb4dde4dbee
Accept: application/json
```

Response Example

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

[{
   "access_key": "AKIAIOSFODNN7EXAMPLE",
   "bucket_name": "my_bucket_name",
   "created_at": "2016-05-23T19:48:33+00:00",
   "deleted_at": null,
   "domain": "s3.amazonaws.com",
   "format": "%h %l %u %t \"%r\" %s %b",
   "format_version": "1",
   "gzip_level": 0,
   "message_type": "classic",
   "name": "test-s3canary",
   "path": null,
   "period": "3600",
   "placement": null,
   "redundancy": null,
   "response_condition": "",
   "secret_key": "wJalrXUtnFEMI/K7MDENG/bPxRfiCYEXAMPLEKEY",
   "service_id": "SU1Z0isxPaozGVXdv0eY",
   "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
   "updated_at": "2016-05-23T19:48:33+00:00",
   "version": "1"
}]
```

```
GET /service/ service_id /version/ version /logging/s3canary/ name
```

Get the S3 Canary for a particular service and version

Authentication
none

Request Example

```
GET /service/SU1Z0isxPaozGVXdv0eY/version/1/logging/s3canary/test-s3canary
Fastly-Key: d3cafb4dde4dbee
Accept: application/json
```

Response Example

```
HTTP/1.1 200 OK
```
POST /service/service_id/version/logs/s3canary

Create a S3 Canary for a particular service and version

Authentication
none

Request Example

POST /service/SU1%0176sPsAz0vKvKX0eY/version/1/logs/s3canary
Fastly-Key: d3cafb4dde4d4beef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=test-s3canary&bucket_name=my_corporate_bucket&access_key=AKIAIOSFODNN7EXAMPLE&secret_key=wJa1rXUtFEMI/K7MDENG/bPxRfCYEXAMPLEKEY

Response Example

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

```json
{
  "access_key": "AKIAIOSFODNN7EXAMPLE",
  "bucket_name": "my_bucket_name",
  "created_at": "2016-05-23T19:48:33+00:00",
  "deleted_at": null,
  "domain": "s3.amazonaws.com",
  "format": "%h %l %u %t "%r" %s %b",
  "format_version": "1",
  "gzip_level": 0,
  "message_type": "classic",
  "name": "test-s3canary",
  "path": null,
  "placement": "3600",
  "redundancy": null,
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "updated_at": "2016-05-23T19:48:33+00:00",
  "version": "1"
}
```
PUT /service/ service_id /version/ version /logging/s3canary/ old_name

Update the S3 Canary for a particular service and version

Authentication

none

Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>old_name</td>
<td>string</td>
<td>Old name of the S3 object (used to select the correct S3 object if the name has been changed).</td>
</tr>
</tbody>
</table>

Request Example

PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/s3canary/test-s3canary
Fastly-Key: 4f3cafb4dde4d5eef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=updated-test-s3canary

Response Example

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

{
   "access_key": "AKIAIOSFODNN7EXAMPLE",
   "bucket_name": "my_bucket_name",
   "created_at": "2016-05-23T19:48:33+00:00",
   "deleted_at": null,
   "domain": "s3.amazonaws.com",
   "format": "%h %l %u %t "%r" %>s %b",
   "format_version": "1",
   "gzip_level": 0,
   "message_type": "classic",
   "name": "updated-test-s3canary",
   "path": null,
   "period": "3600",
   "placement": null,
   "redundancy": null,
   "response_condition": "",
   "secret_key": "wJalrXUtFEMI/K7MDENG/bPxFrifiCYEXAMPLEKEY",
   "service_id": "SU1Z0isxPaozGVKXdv0eY",
   "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
   "updated_at": "2016-05-23T19:48:33+00:00",
   "version": "1"
}
DELETESERVICE/service/service_id/VERSIOn/LOGGIING/S3CANAry/NAME

Delete the S3 Canary for a particular service and version

Authentication

none

Request Example

DELETE service/SU1Z0isxPaozGVKXdv0eY/VERSIOn/1/LOGGIING/S3CANAry/test-s3canary
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json

Response Example

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

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

Cloudfiles

Fastly will upload log messages to your Rackspace Cloud Files account.

Fields

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>access_key</td>
<td>string</td>
<td>Your Cloudfile account access key.</td>
</tr>
<tr>
<td>bucket_name</td>
<td>string</td>
<td>The name of your Cloudfiles container.</td>
</tr>
<tr>
<td>created_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was created.</td>
</tr>
<tr>
<td>deleted_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was deleted.</td>
</tr>
<tr>
<td>format</td>
<td>string</td>
<td>Apache style log formatting.</td>
</tr>
<tr>
<td>format_version</td>
<td>integer</td>
<td>The version of the custom logging format used for the configured endpoint.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Can be either 1 (the default, version 1 log format) or 2 (the version 2 log format).</td>
</tr>
</tbody>
</table>
**field** | **type** | **description**
--- | --- | ---
gzip_level | integer | What level of GZIP encoding to have when dumping logs (default 0, no compression).
message_type | string | How the message should be formatted One of:
classic | - | (default) RFC 3164 syslog prefix.
loggly | - | RFC 5424 structured syslog.
logplex | - | Heroku-style length prefixed syslog.
blank | - | No prefix. Useful for writing JSON and CSV.
name | string | The name of the Cloudfiles rule.
path | string | The path to upload logs to.
period | integer | How frequently the logs should be dumped (in seconds, default 3600).
placement | string | Where in the generated VCL the logging call should be placed.
response_condition | string | When to execute the cloudfiles. If empty, always execute.
service_id | string | The alphanumeric string identifying a service.
timestamp_format | string | The specified format of the log's timestamp.
updated_at | string | Time-stamp (GMT) when the endpoint was deleted.
user | string | The username for your Cloudfile account.
version | integer | The current version of a service.

**Actions**

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

List all of the cloudfiles for a particular service and version

**Authentication**

none

**Request Example**

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

**Response Example**

https://docs.fastly.com/api/aio
GET /service/ service_id /version/ version /logging/cloudfiles/ name

Get the cloudfiles for a particular service and version

Authentication

none

Request Example

GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/cloudfiles/test-cloudfiles
Fastly-Key: d3cafb4dde4d4beef
Accept: application/json

Response Example

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

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

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

Create a cloudfiles for a particular service and version

Authentication

none

Request Example

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

name=test-cloudfiles \ 
  &bucket_name=my_corporate_bucket \ 
  &access_key=AKIAIOSFODNN7EXAMPLE \ 
  &secret_key=wJalrXUtnFEMI/K7MDENG/bPxRfiCYEXAMPLEKEY

Response Example

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

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

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

Update the cloudfiles for a particular service and version

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

Delete the cloudfiles for a particular service and version

Authentication

none

Request Example

DELETE /service/SU1Z0isxPaozGVXdv0eY/version/1/logging/cloudfiles/test-cloudfiles
Fastly-Key: d3cafb4dde4dbeeef
Accept: application/json

Response Example

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

{ "status": "ok" }
FTP

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

Fields

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>address</td>
<td>string</td>
<td>An hostname or IPv4 address.</td>
</tr>
<tr>
<td>created_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was created.</td>
</tr>
<tr>
<td>deleted_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was deleted.</td>
</tr>
<tr>
<td>format</td>
<td>string</td>
<td>Apache style log formatting.</td>
</tr>
<tr>
<td>format_version</td>
<td>integer</td>
<td>The version of the custom logging format used for the configured endpoint. Can be either 1 (the default, version 1 log format) or 2 (the version 2 log format).</td>
</tr>
<tr>
<td>gzip_level</td>
<td>integer</td>
<td>What level of GZIP encoding to have when dumping logs (default 0, no compression).</td>
</tr>
<tr>
<td>hostname</td>
<td>string</td>
<td>Hostname used.</td>
</tr>
<tr>
<td>ipv4</td>
<td>string</td>
<td>IPv4 address of the host.</td>
</tr>
<tr>
<td>message_type</td>
<td>string</td>
<td>How the message should be formatted One of:</td>
</tr>
<tr>
<td>classic</td>
<td>-</td>
<td>(default) RFC 3164 syslog prefix.</td>
</tr>
<tr>
<td>loggly</td>
<td>-</td>
<td>RFC 5424 structured syslog.</td>
</tr>
<tr>
<td>logplex</td>
<td>-</td>
<td>Heroku-style length prefixed syslog.</td>
</tr>
<tr>
<td>blank</td>
<td>-</td>
<td>No prefix. Useful for writing JSON and CSV.</td>
</tr>
<tr>
<td>name</td>
<td>string</td>
<td>The name of the ftp endpoint.</td>
</tr>
<tr>
<td>password</td>
<td>string</td>
<td>The password for the server (for anonymous use an email address).</td>
</tr>
<tr>
<td>path</td>
<td>string</td>
<td>The path to upload log files to. If the path ends in / then it is treated as a directory.</td>
</tr>
</tbody>
</table>
**field** | **type** | **description**
---|---|---
period | integer | How frequently the logs should be dumped (in seconds, default 3600).
placement | string | Where in the generated VCL the logging call should be placed.
port | integer | The port number.
response_condition | string | When to execute the ftp. If empty, always execute.
service_id | string | The alphanumeric string identifying a service.
timestamp_format | string | strftime specified timestamp formatting (default "%Y-%m-%dT%H:%M:%S.000").
updated_at | string | Time-stamp (GMT) when the endpoint was updated.
user | string | The username for the server (can be anonymous).
version | integer | The current version of a service.

**Actions**

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

List all of the FTPs for a particular service and version

**Authentication**

none

**Request Example**

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/ftp
Fastly-Key: d3cafb4de4de4de4beef
Accept: application/json
```

**Response Example**

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

[
  {
    "address": "example.com",
    "created_at": "2016-05-17T18:27:29+00:00",
    "deleted_at": null,
    "format": "%h %l %u %t "%r" %>s %b",
    "format_version": "1",
    "gzip_level": "0",
    "hostname": "example.com",
    "ipv4": 127.0.0.1,
    "message_type": "classic",
    "name": "test-ftp",
    "password": "ftp@example.com",
  }
]
```
GET /service/service_id/version/version/logging/ftp/name

Get the FTP for a particular service and version

Authentication

none

Request Example

GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/ftp/test-ftp
Fastly-Key: d3caf4b4de4dbee
Accept: application/json

Response Example

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

{  "address": "example.com",
  "created_at": "2016-05-17T18:27:29+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "1",
  "gzip_level": 0,
  "hostname": "example.com",
  "ipv4": 127.0.0.1,
  "message_type": "classic",
  "name": "test-ftp",
  "password": "ftp@example.com",
  "path": "/",
  "period": "3600",
  "placement": null,
  "port": "514",
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "updated_at": "2016-05-17T18:27:29+00:00",
  "user": "anonymous",
  "version": "1"
}
Create a FTP for a particular service and version

**Authentication**

none

**Request Example**

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/ftp
Fastly-Key: d3cafb4dde4dbeeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=test-ftp&address@example.com&user=anonymous&password=ftp@example.com&path=/
```

**Response Example**

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

{
    "address": "example.com",
    "created_at": "2016-05-17T18:27:29+00:00",
    "deleted_at": null,
    "format": "%h %l %u %t \"%r\" %>s %b",
    "format_version": "1",
    "gzip_level": 0,
    "hostname": "example.com",
    "ipv4": 127.0.0.1,
    "message_type": "classic",
    "name": "test-ftp",
    "password": "ftp@example.com",
    "path": "/",
    "period": "3600",
    "placement": null,
    "port": "514",
    "response_condition": "",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
    "updated_at": "2016-05-17T18:27:29+00:00",
    "user": "anonymous",
    "version": "1"
}
```

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

Update the FTP for a particular service and version

**Authentication**

none

**Parameters**

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>old_name</td>
<td>string</td>
<td>Old name of the FTP object (used to select the correct FTP object if the name has been changed).</td>
</tr>
</tbody>
</table>
DELETE  /service/ service_id /version/ version /logging/ftp/ name

Delete the FTP for a particular service and version

Authentication

none

Request Example

DELETE /service/SUlZ0isxPaozGVKXdv0eY/version/1/logging/ftp/test-ftp
Fastly-Key: d3cafb4dde4debeef
Accept: application/json

Response Example

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

{ "status": "ok" }
GCS Logging

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

Fields

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>bucket_name</td>
<td>string</td>
<td>The bucket of the GCS bucket.</td>
</tr>
<tr>
<td>created_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was created.</td>
</tr>
<tr>
<td>deleted_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was deleted.</td>
</tr>
<tr>
<td>format</td>
<td>string</td>
<td>Apache style log formatting (default (default %h %l %u %t &quot;%r&quot; %&gt;=s %b')).</td>
</tr>
<tr>
<td>format_version</td>
<td>integer</td>
<td>The version of the custom logging format used for the configured endpoint. Can be either 1 (the default, version 1 log format) or 2 (the version 2 log format).</td>
</tr>
<tr>
<td>gzip_level</td>
<td>integer</td>
<td>What level of GZIP encoding to have when dumping logs (default 0, no compression).</td>
</tr>
<tr>
<td>message_type</td>
<td>string</td>
<td>How the message should be formatted One of: classic (default) RFC 3164 syslog prefix.</td>
</tr>
<tr>
<td>path</td>
<td>string</td>
<td>The path to upload logs to (default &quot;/&quot;).</td>
</tr>
<tr>
<td>period</td>
<td>integer</td>
<td>How frequently the logs should be dumped (in seconds, default 3600).</td>
</tr>
<tr>
<td>placement</td>
<td>string</td>
<td>Where in the generated VCL the logging call should be placed.</td>
</tr>
<tr>
<td>field</td>
<td>type</td>
<td>description</td>
</tr>
<tr>
<td>------------------</td>
<td>---------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>response_condition</td>
<td>string</td>
<td>When to execute the GCS logging rule. If empty, always execute.</td>
</tr>
<tr>
<td>secret_key</td>
<td>string</td>
<td>Your GCS account secret key. The private_key field in your service account authentication JSON.</td>
</tr>
<tr>
<td>service_id</td>
<td>string</td>
<td>The alphanumeric string identifying a service.</td>
</tr>
<tr>
<td>timestamp_format</td>
<td>string</td>
<td>strftime specified timestamp formatting (default &quot;%Y-%m-%dT%H:%M:%S.000&quot;).</td>
</tr>
<tr>
<td>updated_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was updated.</td>
</tr>
<tr>
<td>user</td>
<td>string</td>
<td>Your GCS service account email address. The client_email field in your service account authentication JSON.</td>
</tr>
<tr>
<td>version</td>
<td>integer</td>
<td>The current version of a service.</td>
</tr>
</tbody>
</table>

Actions

**GET** /service/service_id/version/version/logging/gcs

List all of the GCSs for a particular service and version

Authentication

none

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/gcs
Fastly-Key: d3caf4dde4dbeeef
Accept: application/json
```

Response Example

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

[
  {
    "bucket_name": "my_log_bucket",
    "created_at": "2016-05-17T20:23:15+00:00",
    "deleted_at": null,
    "format": "%h %l %u %t "%r"
    %"s %b",
    "format_version": "1",
    "gzip_level": 0,
    "message_type": "classic",
    "name": "my_gcs_logging",
    "path": null,
    "period": "3600",
    "placement": null,
    "response_condition": "",
  }
]`
```
GET /service/service_id/version/logging/gcs/name

Authentication

none

Request Example

GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/gcs/my_gcs_logging
Fastly-Key: d3cafb4dde4beef
Accept: application/json

Response Example

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

```json
{
    "bucket_name": "my_log_bucket",
    "created_at": "2016-05-17T23:15:00+00:00",
    "deleted_at": null,
    "format": "%h %l %u %t "%r" %>s %b",
    "gzip_level": 0,
    "message_type": "classic",
    "name": "my_gcs_logging",
    "path": null,
    "period": "3600",
    "updated_at": "2016-05-17T23:15:00+00:00"
}
```
POST /service/service_id/version/logging/gcs

Create GCS Logging for a particular service and version

Authentication

none

Request Example

POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/gcs

Fastly-Key: d3caf4d4de4b6f

Content-Type: application/x-www-form-urlencoded

Accept: application/json

name=my_gcs_logging&bucket_name=my_log_bucket&access_key=1447182772-deadbeef47374nnnhvohd4nlp@developer.gserviceaccount.com&secret_key=-----BEGIN PRIVATE KEY--

"placement": "null",
"response_condition": "",
"secret_key": "-----BEGIN PRIVATE KEY-----

"service_id": "SU120isxPaozGVXdv0eY",
"timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
"updated_at": "2016-05-17T20:13:15.000",
"user": null,
"version": "1"

-----END PRIVATE KEY-----

"service_id": "SU1Z0isxPaozGVXdv0eY",
"timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
"updated_at": "2016-05-17T20:13:15.000",
"user": null,
"version": "1"


Response Example

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

```json
{
  "bucket_name": "my_log_bucket",
  "created_at": "2016-05-17T20:23:15+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t "%r" %>s %b",
  "format_version": "1",
  "gzip_level": 0,
  "message_type": "classic",
  "name": "my_gcs_logging",
  "path": null,
  "period": "3600",
  "placement": null,
  "response_condition": "",
  "secret_key": "-----BEGIN PRIVATE KEY-----
MIIEvgIBADANBgkqhkiG9w0BAQEFAASCBKgwggSkAgEAAoIBAQC7bPG9yaIYd5AL
mvOaYvNozFJB/VWS5KWB1769Jv1mgMk5a6xrXrv86w6rjxWkJ2eDrnXVF7uDA0F\nncKPPIFyXRxahftWFMGArw01IvQzgT4/BnDxU5RNxfah/8m7q/GIF6oNYWzfjwvjwv\n/zozdxUgIRHe2JWiwDRNjELhuogYHhLVu40/od5pAfkfzkq/iuuhu/2VA3Auwb3nph\nndvPKZUTYYUUSqQ5IMsxYUQA4Q7Vi4w21x1EnJt+biX0rERk1ri4meXE\n\nU3WkJr5c5vgG8xCWyYod87RNPELMhCCTyI1+t5C3Em/jpsQFfLzWhpNhW04Em/n\n70d6n75agMBAACEGqEAWRh261N\nZfoWJSs5sDRlbXgu/uAnSdIIJmxC6Mhzc4vGvdg\n\nT57y6DLrWuA4A4UKYM3goriSXWFP5QthAVb/\fb8bxyY7n\n\nZyEPbWhnC909b5aAAq/nReP0v0Mx8aWQ709KYJug+zDUo7u2d3YmWH88H5TD43c1DFJ1IsNE3N4A0p+Nxz+\n\nmw60FPW+fz/etwrIvNyhr1TsbMbgSUG+pGPFqBqipCd0ini5d1yMr1saAUpmkwdjlgj\n\n/nds+H+L/htqfHyYN\w8jBF7EJVXEn1iL7/\n\nNL0rINhyO28FC56t/\n\nAG5nzKFKi/c%\n\nI07d6MOqiGRLRWZf\n\nEpnyzuV8DZ046wyl\nhsqfKGBqDS2Q2CHtTrbW8x0A\n\n3rbW/B/ygdDkxmo1rYfioT+jBneRufUPVFIMaZ2pBBGKEedAm1Gn/8f9X\n\nAHHkJ18\n\nEsPrEg206e4+hncrC7awiWVpM9DFrkq\n\nC0jFJuJrN9y9mJt8gs7Annoa9u\n\n/JnAaWnet/cf8uf0\n\ns7kdzblDhcRQf8hrWbKbgDU+\n\nN4kPziDuUJdaddTxKb nb7UNPff2z0u+5+\nt/Ii1e2VSRRa1pxAvx1unDtsbT0WJ\n\nKi9w7guI9MkA8E+\nmL5N5NMTdts77tcCQRodu1\n\n/v71luali1CJe+\n\n/jMbl+PiJ7FvWHEECULQ9nFqBV56Z21dA\n\nA+w6m2bIidlrOboz0\ncXqV0zE3wfvKbgasaOuu/\nbCHLP0ChnCRe038aU+1/gWnDi00nKvQDxaia0zD1\n\n/qAG6h2JEKFBDMWp2q6coKv+gPpgRkFmV0DenHnGrhrG3p2IYoCOgsu\n\n/QupPA+nsP+u+jDmhPQ130uzU+\nrQq+y/D4+aoSXYB3XAtb02x6dM8QpZ/hmnAOGBAIf\n\n/nesebCQ708FGkmrwxzeNvNyC57R7/WU/FImW\n\nm6onJGNmsM06Q2jjiT12KKkgj8\n\n/0nxryGz7TfoIOddAy1pXPUYyF/3uvCr1ZUsmeueU8xq9dWvQ5HS3p\n\nYuKVfDg\n\nXYHbG4w9UJaFiA+3xEdusYs1L90u7z/67zhrtZxAOBAKpsdj3dR+11aAv2HQ8\n\n/qM1N92UTr5\n\ni+9w++QXwq4gq8H5NYeq3NHbKuYth2qerUZBm0eDU4jvxKvFV1J \n\n/LBFINP6B+3AsIme0yCyaleB/Cy03\n\n47miSinSv2i6QiH6qXdhHzrG+xlevs/76f\n\n/KTOKS+y5jCAEw€g4+4+mJUDUV\n\n

-----END PRIVATE KEY-----
---

"service_id": "SU1Z0isxPaozGVXKdx0\n", "timestamp_format": "%Y-%m-%d %H:%M:%S.000",
  "updated_at": "2016-05-17T20:23:15+00:00",
  "user": null,
  "version": "1"
}
```

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

Update the GCS for a particular service and version

Authentication

https://docs.fastly.com/api/ai0

176/244
Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>old_name</td>
<td>string</td>
<td>Old name of the GCS object (used to select the correct GCS object if the name has been changed).</td>
</tr>
</tbody>
</table>

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/gcs/my_gcs_logging
Fastly-Key: d3cafb4dde4beef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=my_new_gcs_name
```

Response Example

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

{
  "name": "my_new_gcs_name",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "bucket_name": "my_log_bucket",
  "user": "1447182772-deadbeef479374nnphvhodh4nlp@developer.gserviceaccount.com",
  "secret_key": "-----BEGIN PRIVATE KEY------
  MIIEvgIBADANBgkqhkiG9w0BAQEFAABELCBIG0EAFACBkwgawsqAeAIBAQ7bPG9yaY5D5AL/nmVoAYnvoZJFB/VWS53KWB11769J1yMmKs6rXrwv6rfJNIWhJd2mXV7U0a0F/kcPPP1FvRxahtWFMGrw01hQaGT4/T1nldXU5Rnf/bf87gqG/fI60NYzwjJvww/nzodqDUirHR2e2WidNRjElHuoqYHL/v40/o/od5pAkFdwak/ihuuZ/2VA3/Auw3m3h/b/ndX2F0JtBk31/QKZVTUYUZsUQY5IMsXuU4Q7W4v21x1EnJt+biXOERk1Ir4iEEnU3Wkj5c
5gvG8cWYjYd0tRNFELmHCCytI1+5tCE7/jPqFlTlzwHbndw640Em/n7ns/bn766755aqMBABAEcggEA/Wz261N
Zf0owjS5sD1bXgju/anDsdI1JmC6Mh14cVGdq/NT57Y6DLrWuA4A4UKyM3gorzi/eXWF5QThvAhb/bf8bxy7
nZyPeWvnc09Sd5aAAq/n/Ep0vMx8aWQ709K2fUJg+zDUo2d3YnVH85H5D geometrical 37c17DFIIsNE3N4A0p+NxZ+/
wa06Fawf+f/etfWlnYhcrLsbbMbSgU/GpFBqlpCd0ni5dIMIr77saAUpkmvdjgg/lnDn+M/L/HztqfEhYzNd
w8JF7EJXEVE1bd17/NL0RlnHy0O28Fcb56/AG5nzXKF/1/c/n+I75d6M0qiqGRLRWZTepnzyVz8D061wyl
hsqVKBQGQDhsSe2cHkTrrTQw8x0A/v3BwR/ygdkkxm10IfioT+JBnbeRufUPvVIM2aZBvGKBedDAIgN/o8f9X
AHNfhks8BncEfgRb206X4/whnTcK7eUWcFQHjKqRcOjfuJrNy9mJt8e7AnnoBa9u/Xj4aW/nt1cf8UFu
sa7kdzbU1HcrQQH75QhBkoD4/N4kPzIuUjDadd6Tkbb/jUNPefz2zU5+t/nlIke2VRSHApAxvUinTDsTRowJrz
Kik9w7gImaka8E+nmLMNfedts77tcQGQu6/n+Tv/lualicJe/ImHbl+PlJtFwHEECULU9QfgBVS6z1DA1Z
a+6wncRiidi0Rbzo\nCXqVoZ3nfwKbgAsruOuU/bC1HP0CnCcre038aU1+g/WnDioOQNvQdXhaAiaDz1P\nqAg6h2LeKFBDMPWzq62dOKc+g/PgPQKfVWQDUnYGrhhG3p21xyOCUsQ/QuPA\nP6U+xJDMphqI3Ozuu4
/rQg/+by14+aasKX83Xatb0Zq6dMuUpQpZ/hmnaOGBAIFu/nIesbcQR708FGhDrnMZeWnNrcTQ57R/WU/FImW
m6oNfNGnMsM6O2jjiT12Kkkgjg\nOxrYg27vTfODOddyAixQHUeSPYyF+/uvCvFzUusmeJ8xq9DwWH53s
YUkVQDdq/XYHbG4wUjULaF1+a+/3xEdusYgLsoj07z/7D2H9z2XaOGBApsdJsd3R+11aAv2Hqv\n/GM1N2U6Tr5
4w++QXg4qsHp5NEYqz3NhByuyU62h2qXesRZbR50eDw4UjxVFrj\n/LBd05n6B+3AsIm3eOCyOa/eL/Cy0347miSinSv216iQh6QxHdHzet+xiLeV/76f/nKTOPK+sYjCAEwgg4v+mjDUDV/n-----END PRIVATE KEY-----

"path": "",
"response_condition": "",
"format": "%h %l %u %t "%r" %>s %b",
"timestamp_format": "%Y-%m-%dT%H:%M:%S.000"
```
Delete the GCS Logging for a particular service and version

Authentication

none

Request Example

```
DELETE /service/SU1Z0isxPaozGVXdx0eY/version/1/logging/gcs/my_gcs_logging
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

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

Logshuttle

Fastly will upload log messages to the log-shuttle bucket, and in the format, specified in the logshuttle object.

Fields

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

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>updated_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was updated.</td>
</tr>
<tr>
<td>url</td>
<td>string</td>
<td>Your Log Shuttle endpoint url.</td>
</tr>
<tr>
<td>version</td>
<td>integer</td>
<td>The current version of a service.</td>
</tr>
</tbody>
</table>

#### Actions

**GET**

/service/ service_id /version/ version /logging/logshuttle

List all of the logshuttles for a particular service and version

Authentication

none

**Request Example**

GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logshuttle

Fastly-Key: d3cafb4dde4dbeef

Accept: application/json

**Response Example**

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

```json
[
  {
    "created_at": "2016-06-02T22:31:06+00:00",
    "deleted_at": null,
    "format": "%h %l %u %t "[%r]" %>s %b",
    "format_version": 1,
    "name": "test-logshuttle",
    "placement": null,
    "response_condition": "",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "token": null,
    "updated_at": "2016-06-02T22:31:06+00:00",
    "url": "https://east.logplex.io/logs",
    "version": "1"
  }
]
```

**GET**

/service/ service_id /version/ version /logging/logshuttle/ name

Get the logshuttle for a particular service and version

Authentication

none

**Request Example**

GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logshuttle/test-logshuttle
POST /service/ service_id /version/ version /logging/logshuttle

Create a logshuttle for a particular service and version

Authentication

none

Request Example

POST /service/SU1Z0isxPaozGVXKdv0eY/version/1/logging/logshuttle
Fastly-Key: d3cafb4de4dbeeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=test-logshuttle \
&app_name=t.abc123 \
&url=https%3A%2F%2Feast.logplex.io%2Flogs

Response Example

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

{
  "created_at": "2016-06-02T22:31:06+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t "%r" %>s %b",
  "format_version": 1,
  "name": "test-logshuttle",
  "placement": null,
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVXKdv0eY",
  "token": null,
  "updated_at": "2016-06-02T22:31:06+00:00",
  "url": https://east.logplex.io/logs,
  "version": "1"
}
PUT /service/service_id/version/ version/logging/logshuttle/ old_name

Update the logshuttle for a particular service and version

Authentication
none

Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>old_name</td>
<td>string</td>
<td>Old name of the logshuttle object (used to select the correct logshuttle object if the name has been changed).</td>
</tr>
</tbody>
</table>

Request Example

PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logshuttle/test-logshuttle
Fastly-Key: d3cafb4dde4dheef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

Response Example

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

```json
{
    "created_at": "2016-06-02T22:31:06+00:00",
    "deleted_at": null,
    "format": "%h %l %u %t "%r" %>s %b",
    "format_version": 1,
    "name": "updated-test-logshuttle",
    "placement": null,
    "response_condition": "",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "token": null,
    "updated_at": "2016-06-02T22:31:06+00:00",
    "url": "https://east.logplex.io/logs",
    "version": "1"
}
```

DELETE /service/service_id/version/ version/logging/logshuttle/ name

Delete the logshuttle for a particular service and version

Authentication
none

Request Example

none
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logshuttle/test-logshuttle
Fastly-Key: d3cafb4dde4debeef
Accept: application/json

Response Example

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

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

## Logentries

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

### Fields

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>created_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was created.</td>
</tr>
<tr>
<td>deleted_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was deleted.</td>
</tr>
<tr>
<td>format</td>
<td>string</td>
<td>Apache style log formatting.</td>
</tr>
<tr>
<td>format_version</td>
<td>integer</td>
<td>The version of the custom logging format used for the configured endpoint. Can be either 1 (the default, version 1 log format) or 2 (the version 2 log format).</td>
</tr>
<tr>
<td>name</td>
<td>string</td>
<td>The name of the logentries rule.</td>
</tr>
<tr>
<td>placement</td>
<td>string</td>
<td>Where in the generated VCL the logging call should be placed.</td>
</tr>
<tr>
<td>port</td>
<td>integer</td>
<td>The port number.</td>
</tr>
<tr>
<td>response_condition</td>
<td>string</td>
<td>When to execute the logentry. If empty, always execute.</td>
</tr>
<tr>
<td>service_id</td>
<td>string</td>
<td>The alphanumeric string identifying a service.</td>
</tr>
<tr>
<td>token</td>
<td>string</td>
<td>Use token based authentication (<a href="https://logentries.com/doc/input-token/">https://logentries.com/doc/input-token/</a>).</td>
</tr>
<tr>
<td>updated_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was updated.</td>
</tr>
<tr>
<td>use_tls</td>
<td>boolean</td>
<td>Whether to use TLS for secure logging.</td>
</tr>
</tbody>
</table>
### GET /service/service_id/version /logging/logentries

List all of the Logentries for a particular service and version

**Authentication**

none

**Request Example**

```plaintext
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logentries
Fastly-Key: d3cafb4dde4debeef
Accept: application/json
```

**Response Example**

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

[
  {
    "created_at": "2016-05-18T18:23:29+00:00",
    "deleted_at": null,
    "format": "%h %l %u %t "%r" %>s %b",
    "format_version": "1",
    "name": "test-logentries",
    "placement": null,
    "port": "5140",
    "response_condition": "",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "token": "790545ca-a792-4166-be69-970d1308512d",
    "updated_at": "2016-05-18T18:23:29+00:00",
    "use_tls": "0",
    "version": "1"
  }
]
```

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

Get the Logentry for a particular service and version

**Authentication**

none

**Request Example**

```plaintext
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logentries/test-logentries
Fastly-Key: d3cafb4dde4debeef
Accept: application/json
```
Response Example

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

{
"created_at": "2016-05-18T18:23:29+00:00",
"deleted_at": null,
"format": "%h %l %u %t \"%r\" %>s %b",
"format_version": "1",
"name": "test-logentries",
"placement": null,
"port": "5140",
"response_condition": "",
"service_id": "SU1Z0isxPaozGVXdv0eY",
"token": 790545ca-a792-4166-be69-970d1308512d,
"updated_at": "2016-05-18T18:23:29+00:00",
"use_tls": "0",
"version": "1"
}

POST /service/service_id/version/logging/logentries

Create a Logentry for a particular service and version

Authentication

none

Request Example

POST /service/SU1Z0isxPaozGVXdv0eY/version/1/logging/logentries
Fastly-Key: d3cafb4dfe4dfeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=test-logentries&port=5140&token=790545ca-a792-4166-be69-970d1308512d

Response Example

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

{
"created_at": "2016-05-18T18:23:29+00:00",
"deleted_at": null,
"format": "%h %l %u %t \"%r\" %>s %b",
"format_version": "1",
"name": "test-logentries",
"placement": null,
"port": "5140",
"response_condition": "",
"service_id": "SU1Z0isxPaozGVXdv0eY",
"token": 790545ca-a792-4166-be69-970d1308512d,
"updated_at": "2016-05-18T18:23:29+00:00",
"use_tls": "0",
"version": "1"
}
**PUT**  /service/ service_id /version/ version /logging/logentries/ old_name

Update the Logentry for a particular service and version

Authentication

none

Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>old_name</td>
<td>string</td>
<td>Old name of the Logentry object (used to select the correct Logentry object if the name has been changed).</td>
</tr>
</tbody>
</table>

Request Example

```plaintext
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logentries/test-logentries
Fastly-Key: d3cafb4dde4dbef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=updated-test-logentries
```

Response Example

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

{
    "created_at": "2016-05-18T18:23:29+00:00",
    "deleted_at": null,
    "format": "%h %l %u %t "%r" %>s %b",
    "format_version": "1",
    "name": "updated-test-logentries",
    "placement": null,
    "port": "5140",
    "response_condition": "",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "token": "790545ca-a792-4166-be69-970d1308512d",
    "updated_at": "2016-05-18T18:23:29+00:00",
    "use_tls": "0",
    "version": "1"
}
```

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

Delete the Logentry for a particular service and version

Authentication

none

Request Example

```plaintext
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logentries/test-logentries
Fastly-Key: d3cafb4dde4dbef
Accept: application/json
```
Response Example

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

{
  "status":"ok"
}

Loggly

Fastly will stream log messages to the Loggly account, and in the format specified in the Loggly object. This feature is part of a limited availability release. For more information, see our product and feature life cycle descriptions (/guides/customer-support/product-and-feature-life-cycles#limited-availability). If you would like to try it, please contact support@fastly.com.

Fields

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>name</td>
<td>string</td>
<td>The name of the loggly rule.</td>
</tr>
<tr>
<td>format</td>
<td>string</td>
<td>Apache style log formatting.</td>
</tr>
<tr>
<td>format_version</td>
<td>integer</td>
<td>The version of the custom logging format used for the configured endpoint. Can be either 1 (the default, version 1 log format) or 2 (the version 2 log format).</td>
</tr>
<tr>
<td>response_condition</td>
<td>string</td>
<td>When to execute the loggly. If empty, always execute.</td>
</tr>
<tr>
<td>placement</td>
<td>string</td>
<td>Where in the generated VCL the logging call should be placed.</td>
</tr>
</tbody>
</table>

Actions

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

Get the Loggly for a particular service and version

Authentication

none

Request Example
GET /service/SUL20isxPaozGVKXdv0eY/version/1/logging/loggly/test-loggly
Fastly-Key: d3cafb4d4de4beef
Accept: application/json

Response Example

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

```
{

"name": "test-loggly",
"service_id": "SU1Z0isxPaozGVKXdv0eY",
"version": "1",
"response_condition": "",
"format": "%h %l %u %t "%r" %>s %b",
"format_version": "1",
"token": "deadbeef",
"placement": null,
}
```

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

List all of the Logglies for a particular service and version

Authentication

none

Request Example

GET /service/SUL20isxPaozGVKXdv0eY/version/1/logging/loggly
Fastly-Key: d3cafb4d4de4beef
Accept: application/json

Response Example

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

```
[

{

"name": "test-loggly",
"service_id": "SU1Z0isxPaozGVKXdv0eY",
"version": "1",
"response_condition": "",
"format": "%h %l %u %t "%r" %>s %b",
"format_version": "1",
"token": "deadbeef",
"placement": null,
}
]
```

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

Create a Loggly for a particular service and version
Authentication

none

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/loggly
Fastly-Key: d3cafb4dde4dbef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=test-loggly&token=deadbeef
```

Response Example

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

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

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

Update the Loggly for a particular service and version

Authentication

none

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/loggly/test-loggly
Fastly-Key: d3cafb4dde4dbef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=updated-loggly
```

Response Example

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

{
    "name": "updated-loggly",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "version": "1",
    "response_condition": ",",
    "format": "%h %l %u %t "%r" %>s %b",
    "format_version": "1",
    "token": "deadbeef"
}
```
DELETE /service/service_id/version/logging/loggly/ name

Delete the Loggly for a particular service and version

Authentication
none

Request Example

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

Response Example

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

{  "status":"ok"
}

Heroku

Fastly will stream log messages to the Heroku account, and in the format specified in the Heroku object. This feature is part of a limited availability release. For more information, see our product and feature life cycle descriptions (/guides/customer-support/product-and-feature-life-cycles#limited-availability). If you would like to try it, please contact support@fastly.com (mailto:support@fastly.com).

Fields

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>name</td>
<td>string</td>
<td>The name of the heroku rule.</td>
</tr>
<tr>
<td>format</td>
<td>string</td>
<td>Apache style log formatting.</td>
</tr>
<tr>
<td>format_version</td>
<td>integer</td>
<td>The version of the custom logging format used for the configured endpoint. Can be either 1 (the default, version 1 log format) or 2 (the version 2 log format).</td>
</tr>
<tr>
<td>placement</td>
<td>string</td>
<td>Where in the generated VCL the logging call should be placed.</td>
</tr>
</tbody>
</table>
### GET

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>token</td>
<td>string</td>
<td>The token to use for authentication (<a href="https://devcenter.heroku.com/articles/add-on-provider-log-integration">https://devcenter.heroku.com/articles/add-on-provider-log-integration</a>).</td>
</tr>
<tr>
<td>url</td>
<td>string</td>
<td>The url to stream logs to.</td>
</tr>
<tr>
<td>response_condition</td>
<td>string</td>
<td>When to execute the heroku. If empty, always execute.</td>
</tr>
</tbody>
</table>

### Actions

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

Get the Heroku for a particular service and version

**Authentication**

none

**Request Example**

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

**Response Example**

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

{
  "name": "test-heroku",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "response_condition": ",",
  "format": "%%h %l %u %t "%r" %>s %b",
  "format_version": "1",
  "placement": null,
  "token": "deadbeef",
  "url": "https://1.us.logplex.io/logs"
}
```

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

List all of the Herokus for a particular service and version

**Authentication**

none

**Request Example**

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

Create a Heroku for a particular service and version

Authentication
none

Request Example

POST /service/SU1Z0iszPaozGVKXdv0eY/version/1/logging/heroku
Fastly-Key: d3cafb4dde4dbeeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=test-heroku&token=deadbeef&url=https://1.us.logplex.io/logs

Response Example

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

```json
[
  {
    "name": "test-heroku",
    "service_id": "SU1Z0iszPaozGVKXdv0eY",
    "version": "1",
    "response_condition": "",
    "format": "%h %l %u %t "%r" %>s %b",
    "format_version": "1",
    "placement": null,
    "token": "deadbeef",
    "url": "https://1.us.logplex.io/logs"
  }
]
```
PUT /service/service_id/version/logging/heroku/old_name

Update the Heroku for a particular service and version

Authentication

none

Request Example

PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/heroku/test-heroku
Fastly-Key: d3cafb4dde4debeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=updated-heroku

Response Example

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

{
    "name": "updated-heroku",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "version": "1",
    "response_condition": "",
    "format": "%h %l %u %t "%r" %>s %b",
    "format_version": "1",
    "placement": null,
    "token": "deadbeef",
    "url": "https://1.us.logplex.io/logs"
}

DELETE /service/service_id/version/logging/heroku/name

Delete the Heroku for a particular service and version

Authentication

none

Request Example

DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/heroku/test-heroku
Fastly-Key: d3cafb4dde4debeef
Accept: application/json

Response Example

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

{
    "status": "ok"
}
**Openstack**

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

**Fields**

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>access_key</td>
<td>string</td>
<td>Your OpenStack account access key.</td>
</tr>
<tr>
<td>bucket_name</td>
<td>string</td>
<td>The name of your OpenStack container.</td>
</tr>
<tr>
<td>created_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was created.</td>
</tr>
<tr>
<td>deleted_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was deleted.</td>
</tr>
<tr>
<td>format</td>
<td>string</td>
<td>Apache style log formatting.</td>
</tr>
<tr>
<td>format_version</td>
<td>integer</td>
<td>The version of the custom logging format used for the configured endpoint.</td>
</tr>
<tr>
<td>gzip_level</td>
<td>integer</td>
<td>What level of GZIP encoding to have when dumping logs (default 0, no compression).</td>
</tr>
<tr>
<td>message_type</td>
<td>string</td>
<td>How the message should be formatted One of:</td>
</tr>
<tr>
<td>classic</td>
<td></td>
<td>(default) RFC 3164 syslog prefix.</td>
</tr>
<tr>
<td>loggly</td>
<td></td>
<td>RFC 5424 structured syslog.</td>
</tr>
<tr>
<td>logplex</td>
<td></td>
<td>Heroku-style length prefixed syslog.</td>
</tr>
<tr>
<td>blank</td>
<td></td>
<td>No prefix. Useful for writing JSON and CSV.</td>
</tr>
<tr>
<td>name</td>
<td>string</td>
<td>The name of the OpenStack rule.</td>
</tr>
<tr>
<td>path</td>
<td>string</td>
<td>The path to upload logs to.</td>
</tr>
<tr>
<td>period</td>
<td>integer</td>
<td>How frequently the logs should be dumped (in seconds, default 3600).</td>
</tr>
<tr>
<td>placement</td>
<td>string</td>
<td>Where in the generated VCL the logging call should be placed.</td>
</tr>
<tr>
<td>response_condition</td>
<td>string</td>
<td>When to execute the openstack. If empty, always execute.</td>
</tr>
<tr>
<td>service_id</td>
<td>string</td>
<td>The alphanumeric string identifying a service.</td>
</tr>
<tr>
<td>field</td>
<td>type</td>
<td>description</td>
</tr>
<tr>
<td>------------------</td>
<td>----------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>timestamp_format</td>
<td>string</td>
<td>strftime specified timestamp formatting (default &quot;%Y-%m-%dT%H:%M:%S.000&quot;).</td>
</tr>
<tr>
<td>updated_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was updated.</td>
</tr>
<tr>
<td>url</td>
<td>string</td>
<td>Your OpenStack auth url.</td>
</tr>
<tr>
<td>user</td>
<td>string</td>
<td>The username for your OpenStack account.</td>
</tr>
<tr>
<td>version</td>
<td>integer</td>
<td>The current version of a service.</td>
</tr>
</tbody>
</table>

Actions

GET /service/ service_id /version/ version /logging/openstack

List all of the openstacks for a particular service and version

Authentication

none

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/openstack
Fastly-Key: d3cafb4dde4dde4dbee
Accept: application/json
```

Response Example

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

[
    {
        "access_key": "AKIAIOSFODNN7EXAMPLE",
        "bucket_name": "my_corporate_bucket",
        "created_at": "2016-06-03T21:33:16+00:00",
        "deleted_at": null,
        "format": "%h %l %u %t \"%r\" %>s %b",
        "format_version": "1",
        "gzip_level": "0",
        "message_type": "classic",
        "name": "test-openstack",
        "path": ",",
        "period": "3600",
        "placement": null,
        "response_condition": ",",
        "service_id": "SU1Z0isxPaozGVKXdv0eY",
        "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
        "updated_at": "2016-06-03T21:37:21+00:00",
        "url": "https://auth.storage.memset.com/v1.0",
        "user": "Openstack Username",
        "version": "1"
    }
]
```


### GET /service/ service_id /version/ version /logging/openstack/ name

Get the openstack for a particular service and version

**Authentication**

none

**Request Example**

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/openstack/test-openstack
Fastly-Key: d3cafb4dde4dbeeef
Accept: application/json
```

**Response Example**

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

{
    "access_key": "AKIAIOSFODNN7EXAMPLE",
    "bucket_name": "my_corporate_bucket",
    "created_at": "2016-06-03T21:33:16+00:00",
    "deleted_at": null,
    "format": "%h %l %u %t "%r" %>s %b",
    "format_version": "1",
    "gzip_level": "0",
    "message_type": "classic",
    "name": "test-openstack",
    "path": "",
    "period": "3600",
    "placement": null,
    "response_condition": "",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
    "updated_at": "2016-06-03T21:37:21+00:00",
    "url": "https://auth.storage.memset.com/v1.0",
    "user": "Openstack Username",
    "version": "1"
}
```

### POST /service/ service_id /version/ version /logging/openstack

Create a openstack for a particular service and version

**Authentication**

none

**Request Example**

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/openstack
Fastly-Key: d3cafb4dde4dbeeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=test-openstack \\n  &bucket_name=my_corporate_bucket \\n  &access_key=AKIAIOSFODNN7EXAMPLE \\n```
PUT /service/ service_id /version/ version /logging/openstack/ old_name

Update the openstack for a particular service and version

Authentication

none

Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>old_name</td>
<td>string</td>
<td>Old name of the openstack object (used to select the correct openstack object if the name has been changed).</td>
</tr>
</tbody>
</table>

Request Example

PUT /service/SU1Z0isxPaozGVXdv0eY/version/1/logging/openstack/test-openstack
Fastly-Key: d3cafb4dde4dbeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=updated-test-openstack

Response Example

HTTP/1.1 200 OK
Content-Type: application/json
DELETE /service/ service_id /version/ version /logging/openstack/ name

Delete the openstack for a particular service and version

Authentication
none

Request Example

DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/openstack/test-openstack
Fastly-Key: d3cafb4dde4beef
Accept: application/json

Response Example

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

{
   "status":"ok"
}

Papertrail

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

Fields

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
</table>

https://docs.fastly.com/api/aio
<table>
<thead>
<tr>
<th>Field</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>address</td>
<td>string</td>
<td>An hostname or IPv4 address.</td>
</tr>
<tr>
<td>created_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was created.</td>
</tr>
<tr>
<td>deleted_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was deleted.</td>
</tr>
<tr>
<td>format</td>
<td>string</td>
<td>Apache style log formatting.</td>
</tr>
<tr>
<td>format_version</td>
<td>integer</td>
<td>The version of the custom logging format used for the configured endpoint.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Can be either 1 (the default, version 1 log format) or 2 (the version 2 log format).</td>
</tr>
<tr>
<td>name</td>
<td>string</td>
<td>The name of the papertrail rule.</td>
</tr>
<tr>
<td>placement</td>
<td>string</td>
<td>Where in the generated VCL the logging call should be placed.</td>
</tr>
<tr>
<td>port</td>
<td>integer</td>
<td>The port number.</td>
</tr>
<tr>
<td>response_condition</td>
<td>string</td>
<td>When to execute the papertrail. If empty, always execute.</td>
</tr>
<tr>
<td>service_id</td>
<td>string</td>
<td>The alphanumeric string identifying a service.</td>
</tr>
<tr>
<td>updated_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was updated.</td>
</tr>
<tr>
<td>version</td>
<td>integer</td>
<td>The current version of a service.</td>
</tr>
</tbody>
</table>

Actions

GET  /service/ service_id /version/ version /logging/papertrail

List all of the Papertrails for a particular service and version

Authentication

none

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/papertrail
Fastly-Key: d3cafb4dde4dbeeef
Accept: application/json
```

Response Example

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

[
  {
    "address": "example.com",
    "created_at": "2016-05-18T18:51:50+00:00",
    "deleted_at": null,
    "format": "%h %l %u %t "%r" %>s %b",
    "format_version": "1",
    "hostname": "example.com",
    "name": "test-papertrail",
    "placement": null,
    "port": null,
    "response_condition": null,
    "service_id": null,
    "updated_at": null
  }
]
```
**GET**  /service/ service_id /version/ version /logging/papertrail/ name

Get the Papertrail for a particular service and version

Authentication
none

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/papertrail/test-papertrail
Fastly-Key: d3cafb4dde4dbeeef
Accept: application/json
```

Response Example

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

{
    "address": "example.com",
    "created_at": "2016-05-18T18:51:50+00:00",
    "deleted_at": null,
    "format": "%h %l %u %t "%r" %>s %b",
    "format_version": "1",
    "hostname": "example.com",
    "name": "test-papertrail",
    "placement": null,
    "port": "5140",
    "response_condition": "",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "updated_at": "2016-05-18T18:51:50+00:00",
    "version": "1"
}
```

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

Create a Papertrail for a particular service and version

Authentication
none

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/papertrail
Fastly-Key: d3cafb4dde4dbeeef
```
PUT /service/service_id/version/version/logging/papertrail/old_name

Update the Papertrail for a particular service and version

Authentication

none

Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>old_name</td>
<td>string</td>
<td>Old name of the Papertrail object (used to select the correct Papertrail object if the name has been changed).</td>
</tr>
</tbody>
</table>

Request Example

PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/papertrail/test-papertrail
Fastly-Key: d3c9bd4de4d3beef
Content-Type: application/x-www-form-urlencoded
Accept: application/json
name=updated-test-papertrail

Response Example

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

{ "address": "example.com",
DELETE /service/service_id/version/logging/papertrail/name

Delete the Papertrail for a particular service and version

Authentication

none

Request Example

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

Response Example

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

{  
  "status":"ok"
}

Scalyr

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

Fields

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>name</td>
<td>string</td>
<td>The name of the scalyr rule.</td>
</tr>
<tr>
<td>format</td>
<td>string</td>
<td>Apache style log formatting.</td>
</tr>
</tbody>
</table>
**Actions**

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

Get the Scalyr for a particular service and version

Authentication

none

Request Example

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

Response Example

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

{
  "name": "test-scalyr",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "response_condition": "",
  "placement": null,
  "format": "%h %l %u %t "%r" %>s %b",
  "format_version": "1",
  "token": "deadbeef"
}
```

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

List all of the Logglies for a particular service and version

Authentication

none

Request Example
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/scalyr
Fastly-Key: d3cafb4dde4de4beef
Accept: application/json

Response Example

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

[
{
  "name": "test-scalyr",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "response_condition": "",
  "placement": null,
  "format": "%h %l %u %t "%r" %>s %b",
  "format_version": "1",
  "token": "deadbeef"
}
]

POST /service/service_id/version/logging/scalyr

Create a Scalyr for a particular service and version

Authentication

none

Request Example

POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/scalyr
Fastly-Key: d3cafb4dde4de4beef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=test-scalyr&token=deadbeef&url=https://1.us.logplex.io/logs

Response Example

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

{
  "name": "test-scalyr",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "response_condition": "",
  "placement": null,
  "format": "%h %l %u %t "%r" %>s %b",
  "format_version": "1",
  "token": "deadbeef"
}

PUT /service/service_id/version/logging/scalyr/old_name
Update the Scalyr for a particular service and version

Authentication

none

Request Example

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

name=updated-scalyr
```

Response Example

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

{
  "name": "updated-scalyr",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "response_condition": "",
  "placement": null,
  "format": "%h %l %u %t \"%r\" %s %b",
  "format_version": "1",
  "token": "deadbeef"
}
```

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

Delete the Scalyr for a particular service and version

Authentication

none

Request Example

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

Response Example

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

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

SFTP

https://docs.fastly.com/api/aio
Fastly will upload log messages periodically to the server, and in the format, specified in the SFTP object. This feature is part of a limited availability release. For more information, see our product and feature life cycle descriptions (/guides/customer-support/product-and-feature-life-cycles#limited-availability). If you would like to try it, please contact support@fastly.com (mailto:support@fastly.com).

Fields

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>address</td>
<td>string</td>
<td>An hostname or IPv4 address.</td>
</tr>
<tr>
<td>created_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was created.</td>
</tr>
<tr>
<td>deleted_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was deleted.</td>
</tr>
<tr>
<td>format</td>
<td>string</td>
<td>Apache style log formatting.</td>
</tr>
<tr>
<td>format_version</td>
<td>integer</td>
<td>The version of the custom logging format used for the configured endpoint.</td>
</tr>
<tr>
<td>gzip_level</td>
<td>integer</td>
<td>What level of GZIP encoding to have when dumping logs (default 0, no compression).</td>
</tr>
<tr>
<td>hostname</td>
<td>string</td>
<td>Hostname used.</td>
</tr>
<tr>
<td>ipv4</td>
<td>string</td>
<td>IPv4 address of the host.</td>
</tr>
<tr>
<td>message_type</td>
<td>string</td>
<td>How the message should be formatted. One of:</td>
</tr>
<tr>
<td>classic</td>
<td>-</td>
<td>(default) RFC 3164 syslog prefix.</td>
</tr>
<tr>
<td>loggly</td>
<td>-</td>
<td>RFC 5424 structured syslog.</td>
</tr>
<tr>
<td>logplex</td>
<td>-</td>
<td>Heroku-style length prefixed syslog.</td>
</tr>
<tr>
<td>blank</td>
<td>-</td>
<td>No prefix. Useful for writing JSON and CSV.</td>
</tr>
<tr>
<td>name</td>
<td>string</td>
<td>The name of the sftp endpoint.</td>
</tr>
<tr>
<td>password</td>
<td>string</td>
<td>The password for the server.</td>
</tr>
<tr>
<td>secret_key</td>
<td>string</td>
<td>The ssh key for the server. If both password and secret_key are passed, secret key will be used in preference.</td>
</tr>
<tr>
<td>path</td>
<td>string</td>
<td>The path to upload log files to. If the path ends in / then it is treated as a directory.</td>
</tr>
<tr>
<td>field</td>
<td>type</td>
<td>description</td>
</tr>
<tr>
<td>---------------</td>
<td>-------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>period</td>
<td>integer</td>
<td>How frequently the logs should be dumped (in seconds, default 3600).</td>
</tr>
<tr>
<td>placement</td>
<td>string</td>
<td>Where in the generated VCL the logging call should be placed.</td>
</tr>
<tr>
<td>port</td>
<td>integer</td>
<td>The port number.</td>
</tr>
<tr>
<td>response_condition</td>
<td>string</td>
<td>When to execute the ftp. If empty, always execute.</td>
</tr>
<tr>
<td>service_id</td>
<td>string</td>
<td>The alphanumeric string identifying a service.</td>
</tr>
<tr>
<td>timestamp_format</td>
<td>string</td>
<td>strftime specified timestamp formatting (default &quot;%Y-%m-%dT%H:%M:%S.000&quot;).</td>
</tr>
<tr>
<td>updated_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was updated.</td>
</tr>
<tr>
<td>user</td>
<td>string</td>
<td>The username for the server.</td>
</tr>
<tr>
<td>version</td>
<td>integer</td>
<td>The current version of a service.</td>
</tr>
</tbody>
</table>

**Actions**

**GET /service/service_id/version/logging/sftp**

List all of the SFTPs for a particular service and version

**Authentication**

none

**Request Example**

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/sftp
Fastly-Key: d3c4f4de4beef
Accept: application/json
```

**Response Example**

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

[

```
```
{
  "address": "example.com",
  "created_at": "2016-05-17T18:27:29+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "1",
  "gzip_level": 0,
  "hostname": "example.com",
  "ipv4": 127.0.0.1,
  "message_type": "classic",
  "name": "test-sftp",
  "password": "mysecretpassword",
  "path": "/",
  "period": "3600",
  "placement": null,
  "port": "22",
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "updated_at": "2016-05-17T18:27:29+00:00",
  "user": "anonymous",
  "version": "1"
}
```

**GET**  `/service/ service_id /version/ version /logging/sftp/ name`

Get the SFTP for a particular service and version

**Authentication**

none

**Request Example**

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/sftp/test-sftp
Fastly-Key: d3cafb4dde4dde4bedbfa4b3b2ba4d
Accept: application/json
```

**Response Example**

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

{
  "address": "example.com",
  "created_at": "2016-05-17T18:27:29+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": "1",
  "gzip_level": 0,
  "hostname": "example.com",
  "ipv4": 127.0.0.1,
  "message_type": "classic",
  "name": "test-sftp",
  "password": "mysecretpassword",
  "path": "/",
  "period": "3600",
  "placement": null,
  "port": "22",
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "updated_at": "2016-05-17T18:27:29+00:00",
  "user": "anonymous",
  "version": "1"
}
```

**POST**  `/service/ service_id /version/ version /logging/sftp`
Create a SFTP for a particular service and version

Authentication
none

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/sftp
Fastly-Key: d3cafb4dde4dbbeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=test-sftp&address=example.com&port=22&user=simon&password=mysecretpassword&path=/
```

Response Example

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

{
  "address": "example.com",
  "created_at": "2016-05-17T18:27:29+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t "%r" %>s %b",
  "format_version": "1",
  "gzip_level": 0,
  "hostname": "example.com",
  "ipv4": 127.0.0.1,
  "message_type": "classic",
  "name": "test-sftp",
  "password": "mysecretpassword",
  "path": "/",
  "period": "3600",
  "placement": null,
  "port": "22",
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "updated_at": "2016-05-17T18:27:29+00:00",
  "user": "anonymous",
  "version": "1"
}
```

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

Update the SFTP for a particular service and version

Authentication
none

Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
</table>

**Delete old name string**

Old name of the SFTP object (used to select the correct SFTP object if the name has been changed).

**Request Example**

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/sftp/test-sftp
Fastly-Key: d3cafb4dde4dbef
Content-Type: application/x-www-form-urlencoded
Accept: application/json
name=updated-test-sftp
```

**Response Example**

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

{
  "address": "example.com",
  "created_at": "2016-05-17T18:27:29+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t "%r" %>s %b",
  "format_version": "1",
  "gzip_level": 0,
  "hostname": "example.com",
  "ipv4": 127.0.0.1,
  "message_type": "classic",
  "name": "updated-test-sftp",
  "password": "mysecretpassword",
  "path": "/",
  "period": "3600",
  "placement": null,
  "port": "22",
  "response_condition": ",",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "updated_at": "2016-05-17T18:27:29+00:00",
  "user": "anonymous",
  "version": "1"
}
```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "status": "ok"
}

Sumologic

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

Fields

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>created_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was created.</td>
</tr>
<tr>
<td>deleted_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was deleted.</td>
</tr>
<tr>
<td>format</td>
<td>string</td>
<td>Apache style log formatting.</td>
</tr>
<tr>
<td>format_version</td>
<td>integer</td>
<td>The version of the custom logging format used for the configured endpoint. Can be either 1 (the default, version 1 log format) or 2 (the version 2 log format).</td>
</tr>
<tr>
<td>message_type</td>
<td>string</td>
<td>How the message should be formatted. One of:</td>
</tr>
<tr>
<td>classic</td>
<td>-</td>
<td>(default) RFC 3164 syslog prefix.</td>
</tr>
<tr>
<td>loggly</td>
<td>-</td>
<td>RFC 5424 structured syslog.</td>
</tr>
<tr>
<td>logplex</td>
<td>-</td>
<td>Heroku-style length prefixed syslog.</td>
</tr>
<tr>
<td>blank</td>
<td>-</td>
<td>No prefix. Useful for writing JSON and CSV.</td>
</tr>
<tr>
<td>name</td>
<td>string</td>
<td>The name of the sumologic rule.</td>
</tr>
<tr>
<td>placement</td>
<td>string</td>
<td>Where in the generated VCL the logging call should be placed.</td>
</tr>
<tr>
<td>response_condition</td>
<td>string</td>
<td>When to execute the sumologic. If empty, always execute.</td>
</tr>
<tr>
<td>url</td>
<td>string</td>
<td>The URL to POST to.</td>
</tr>
<tr>
<td>version</td>
<td>integer</td>
<td>The current version of a service.</td>
</tr>
</tbody>
</table>

Actions
**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: d3cafb4dde4d6eef
Accept: application/json
```

**Response Example**

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

[
  {
    "created_at": "2016-05-23T21:37:09+00:00",
    "deleted_at": null,
    "format": "%h %l %u %t "%r" %>s %b",
    "format_version": "1",
    "message_type": "classic",
    "name": "test-sumologic",
    "placement": null,
    "response_condition": "",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "updated_at": "2016-05-23T21:37:09+00:00",
    "url": "https://endpoint1.collection.us2.sumologic.com/receiver/v1/http/your_end_point_here",
    "version": "1"
  }
]
```

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

Get the Sumologic for a particular service and version

**Authentication**

none

**Request Example**

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/sumologic/test-sumologic
Fastly-Key: d3cafb4dde4d6eef
Accept: application/json
```

**Response Example**

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

{
}
POST /service/service_id/version/logging/sumologic

Create a Sumologic for a particular service and version

Authentication

none

Request Example

POST /service/SU1Z0isxPaozGVXdxv0eY/version/1/logging/sumologic
Fastly-Key: d3cafb4dde4dbeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json
name=test-sumologic&url=https://sumologic.net/v1/http/your_end_point_here

Response Example

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

{
"created_at": "2016-05-23T21:37:09+00:00",
"deleted_at": null,
"format": "%h %l %u %t "%r" %>s %b",
"format_version": "1",
"message_type": "classic",
"name": "test-sumologic",
"placement": null,
"response_condition": "",
"service_id": "SU1Z0isxPaozGVXdxv0eY",
"updated_at": "2016-05-23T21:37:09+00:00",
"url":
"https://endpoint1.collection.us2.sumologic.com/receiver/v1/http/your_end_point_here",
"version": "1"
}

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

Update the Sumologic for a particular service and version
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: d3cafb4dde4dbee
Accept: application/json

Response Example

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

{  "message": "Delete successful" }
HTTP/1.1 200 OK
Content-Type: application/json

{
  "status":"ok"
}

**Syslog**

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

**Fields**

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>address</td>
<td>string</td>
<td>A hostname or IPv4 address.</td>
</tr>
<tr>
<td>created_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was created.</td>
</tr>
<tr>
<td>deleted_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was deleted.</td>
</tr>
<tr>
<td>format</td>
<td>string</td>
<td>Apache style log formatting.</td>
</tr>
<tr>
<td>format_version</td>
<td>integer</td>
<td>The version of the custom logging format used for the configured endpoint.</td>
</tr>
<tr>
<td>hostname</td>
<td>string</td>
<td>The hostname used for the syslog endpoint.</td>
</tr>
<tr>
<td>ipv4</td>
<td>string</td>
<td>The IPv4 address used for the syslog endpoint.</td>
</tr>
<tr>
<td>message_type</td>
<td>string</td>
<td>How the message should be formatted One of:</td>
</tr>
<tr>
<td>classic</td>
<td></td>
<td>(default) RFC 3164 syslog prefix.</td>
</tr>
<tr>
<td>loggly</td>
<td></td>
<td>RFC 5424 structured syslog.</td>
</tr>
<tr>
<td>logplex</td>
<td></td>
<td>Heroku-style length prefixed syslog.</td>
</tr>
<tr>
<td>blank</td>
<td></td>
<td>No prefix. Useful for writing JSON and CSV.</td>
</tr>
<tr>
<td>name</td>
<td>string</td>
<td>The name of the syslog rule.</td>
</tr>
<tr>
<td>placement</td>
<td>string</td>
<td>Where in the generated VCL the logging call should be placed.</td>
</tr>
<tr>
<td>port</td>
<td>integer</td>
<td>The port number.</td>
</tr>
<tr>
<td>response_condition</td>
<td>string</td>
<td>When to execute the syslog. If empty, always execute.</td>
</tr>
</tbody>
</table>
## GET Field

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>service_id</td>
<td>string</td>
<td>The alphanumeric string identifying a service.</td>
</tr>
<tr>
<td>tls_ca_cert</td>
<td>string</td>
<td>A secure certificate to authenticate the server with.</td>
</tr>
<tr>
<td>tls_hostname</td>
<td>string</td>
<td>Used during the TLS handshake to validate the certificate.</td>
</tr>
<tr>
<td>token</td>
<td>string</td>
<td>Whether to prepend each message with a specific token.</td>
</tr>
<tr>
<td>updated_at</td>
<td>string</td>
<td>Time-stamp (GMT) when the endpoint was updated.</td>
</tr>
<tr>
<td>use_tls</td>
<td>boolean</td>
<td>Whether to use TLS for secure logging.</td>
</tr>
<tr>
<td>version</td>
<td>integer</td>
<td>The current version of a service.</td>
</tr>
</tbody>
</table>

### Actions

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

[{
  "address": "example.com",
  "created_at": "2016-05-26T16:41:38+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t \"%r\" %>s %b",
  "format_version": 1,
  "hostname": "example.com",
  "ipv4": null,
  "message_type": "classic",
  "name": "test-syslog",
  "placement": null,
  "port": "514",
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "tls_ca_cert": null,
  "tls_hostname": null,
  "token": null,
}
```
GET /service/ service_id /version/ version /syslog/ name

Get the Syslog for a particular service and version

Authentication

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

Request Example

GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/syslog/test-syslog
Fastly-Key: d3cafb4dde4d4beef
Accept: application/json

Response Example

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

{  "address": "example.com",
  "created_at": "2016-05-26T16:41:38+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t "%r" %>s %b",
  "format_version": 1,
  "hostname": "example.com",
  "ipv4": null,
  "message_type": "classic",
  "name": "test-syslog",
  "placement": null,
  "port": "514",
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "tls_ca_cert": null,
  "tls_hostname": null,
  "token": null,
  "updated_at": "2016-05-26T16:41:38+00:00",
  "use_tls": "0",
  "version": "1"
}

POST /service/ service_id /version/ version /syslog

Create a Syslog for a particular service and version

Authentication
API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-displaying-your-api-key) or session cookie (/api/auth#session) 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: d3cafb4dde4db6ef
Content-Type: application/x-www-form-urlencoded
Accept: application/json
name=test-syslog&address=example.com

Response Example

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

{
  "address": "example.com",
  "created_at": "2016-05-26T16:41:38+00:00",
  "deleted_at": null,
  "format": "%h %l %u %t "%r" %>s %b",
  "format_version": 1,
  "hostname": "example.com",
  "ipv4": null,
  "message_type": "classic",
  "name": "test-syslog",
  "placement": null,
  "port": "514",
  "response_condition": "",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "tls_ca_cert": null,
  "tls_hostname": null,
  "token": null,
  "updated_at": "2016-05-26T16:41:38+00:00",
  "use_tls": "0",
  "version": "1"
}

PUT /service/ service_id /version/ version /syslog/ old_name

Update the Syslog for a particular service and version

Authentication

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

Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>old_name</td>
<td>string</td>
<td>Old name of the Syslog object (used to select the correct Syslog object if the name has been changed).</td>
</tr>
</tbody>
</table>
DELETE /service/service_id/version/1/syslog/name

Delete the Syslog for a particular service and version

Authentication

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

Request Example

DELETE /service/SU1Z0isxPaoz GVXdv0eY/version/1/syslog/test-syslog
Fastly-Key: d3cafb4d4de4de4beef
Accept: application/json

Response Example

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

{"status": "ok"}
Utilities (/api/tools)

Content

Fastly makes it possible to see which version of a particular URL is cached on each edge server.

Actions

GET /content/edge_check

Retrieve headers and MD5 hash of the content for a particular URL from each Fastly edge server

Authentication

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

Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>url</td>
<td>string</td>
<td>Full URL (host and path) to check on all nodes. if protocol is omitted, http will be assumed</td>
</tr>
</tbody>
</table>

Request Example

GET /content/edge_check?url=www.example.com/foo/bar
Accept: application/json

Response Example

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

[
  {
    "hash": "c6447943be2cffe04787d9367dd58fa0",
    "request": {
      "headers": {
        "Host": "www.example.com/foo/bar",
        "User-Agent": "Fastly/cache-check"
      },
      "method": null,
      "url": null
    },
    "response": {
      "headers": {
        "Accept-Ranges": "bytes",
        "Age": "0",
      }
    }
  }
]
Datacenter

List Fastly datacenters and their locations.

Actions

**GET** /datacenters

Get a list of all Fastly datacenters.

Authentication

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

Request Example

```
GET /datacenters
```

Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```
GET [ { "code": "AMS", "coordinates": { "latitude": 52.3081, "longitude": 4.7642, "x": 129, "y": 42 }, "group": "Europe", "name": "Amsterdam", "shield": "amsterdam-nl" }, ]

Docs

Documentation of the endpoints that return the Fastly API Documentation.

Actions

GET /docs

Gets all documentation associated with the Fastly API.

Authentication

none

Request Example

GET /docs

Response Example

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

{ "actions": [ { "authentication": "key_or_engineer", "description": [ "List all backends for a particular service and version." ], "http_method": "GET", "request": [ "GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/backend", "Fastly-Key: d3cafb4dde4dbeeef", "Accept: application/json" ], "response": [ "HTTP/1.1 200 OK", "Content-Type: application/json" ], "response_body": [ "]" ] }, ] }
"    "address": "127.0.0.1",",
"    "auto_loadbalance": false,",
"    "between_bytes_timeout": 10000,",
"    "client_cert": null,",
"    "comment": "",",
"    "connect_timeout": 1000,",
"    "error_threshold": 0,",
"    "first_byte_timeout": 15000,",
"    "healthcheck": null,",
"    "hostname": null,
"    "ipv4": "127.0.0.1",
"    "ipv6": null,
"    "locked": true,
"    "max_conn": 200,
"    "max_tls_version": null,
"    "min_tls_version": null,
"    "name": "backend-name",
"    "port": 80,
"    "request_condition": "",
"    "service_id": "SU1Z0isxPaozGVKXdv0eY",
"    "shield": null,
"    "ssl_ca_cert": null,
"    "ssl_cert_hostname": null,
"    "ssl_check_cert": true,
"    "ssl_ciphers": null,
"    "ssl_client_cert": null,
"    "ssl_client_key": null,
"    "ssl_hostname": null,
"    "ssl_sni_hostname": null,
"    "use_ssl": false,
"    "version": 1,
"    "weight": 100,
"  }",
"}]",
"url": "/service/:service_id/version/:version/backend"
},

"description": {
  "A backend is an address (IP or domain) from which Fastly pulls content. There can be multiple backends for a service."
},
"fields": {
  "address String. An hostname, IPv4, or IPv6 address for the backend.",
  "auto_loadbalance Boolean. Whether or not this backend should be automatically load balanced.",
  "between_bytes_timeout Integer. How long to wait between bytes in milliseconds.",
  "client_cert String."
  "comment String."
  "connect_timeout Integer. How long to wait for a timeout in milliseconds."
  "error_threshold Integer. Number of errors to allow before the backend is marked as down."
  "first_byte_timeout Integer. How long to wait for the first bytes in milliseconds."
  "healthcheck String. The name of the healthcheck to use with this backend. Can be empty."
  "hostname String. The hostname of the backend."
  "ipv4 String. IPv4 address of the host."
  "ipv6 String. IPv6 address of the host."
  "locked Boolean. Specifies whether or not the version is locked for editing."
  "max_conn Integer. Maximum number of connections."
  "max_tls_version Integer. Maximum allowed TLS version on SSL connections to this backend."
GET /docs/subject/:subject

Gets all documentation relating to a given 'Subject'

Authentication

none

Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>subject</td>
<td>string</td>
<td>The subject to search for.</td>
</tr>
</tbody>
</table>

Request Example

GET /docs/subject/:subject

Response Example

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

{
    "actions": [
        {
            "authentication": "key_or_engineer",
            "description": [
                "List all backends for a particular service and version."
            ],
            "http_method": "GET",
        }
    ]
}
"request": [  "GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/backend",  "Fastly-Key: d3cafb4dde4dbef",  "Accept: application/json"
],  "response": [  "HTTP/1.1 200 OK",  "Content-Type: application/json"
],  "response_body": [  "{    "address": "127.0.0.1",    "auto_loadbalance": false,    "between_bytes_timeout": 10000,    "client_cert": null,    "comment": "",    "connect_timeout": 1000,    "error_threshold": 0,    "first_byte_timeout": 15000,    "healthcheck": null,    "hostname": null,    "ipv4": "127.0.0.1",    "ipv6": null,    "locked": true,    "max_conn": 200,    "max_tls_version": null,    "min_tls_version": null,    "name": "backend-name",    "port": 80,    "request_condition": ",    "service_id": "SU1Z0isxPaozGVKXdv0eY",    "shield": null,    "ssl_ca_cert": null,    "ssl_cert_hostname": null,    "ssl_check_cert": true,    "ssl_ciphers": null,    "ssl_client_cert": null,    "ssl_client_key": null,    "ssl_hostname": null,    "ssl_sni_hostname": null,    "use_ssl": false,    "version": 1,    "weight": 100,    "}"
],  "url": "/service/:service_id/version/:version/backend"
},  "description": [  "A backend is an address (IP or domain) from which Fastly pulls content. There can be multiple backends for a service."
],  "fields": [  "address String. An hostname, IPv4, or IPv6 address for the backend.",  "auto_loadbalance Boolean. Whether or not this backend should be automatically load balanced.",  "between_bytes_timeout Integer. How long to wait between bytes in milliseconds.",  "client_cert String.",  "comment String.",  "connect_timeout Integer. How long to wait for a timeout in milliseconds.",  "error_threshold Integer. Number of errors to allow before the backend is marked as down."}
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

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>section</td>
<td>string</td>
<td>The subject to search for.</td>
</tr>
<tr>
<td>invert</td>
<td>boolean</td>
<td>Get everything that does not match section</td>
</tr>
</tbody>
</table>

Request Example
GET /docs/section/:section

Response Example

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

{
  "actions": [
    {
      "authentication": "key_or_engineer",
      "description": ["List all backends for a particular service and version."],
      "http_method": "GET",
      "request": ["GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/backend",
                   "Fastly-Key: d3cafb4d4de4d6eef",
                   "Accept: application/json"],
      "response": ["HTTP/1.1 200 OK",
                   "Content-Type: application/json"],
      "response_body": [
        {
          "address": "127.0.0.1",
          "auto_loadbalance": false,
          "between_bytes_timeout": 10000,
          "client_cert": null,
          "comment": "",
          "connect_timeout": 1000,
          "error_threshold": 0,
          "first_byte_timeout": 15000,
          "healthcheck": null,
          "hostname": null,
          "ipv4": "127.0.0.1",
          "ipv6": null,
          "locked": true,
          "max_conn": 200,
          "max_tls_version": null,
          "min_tls_version": null,
          "name": "backend-name",
          "port": 80,
          "request_condition": "",
          "service_id": "SU1Z0isxPaozGVKXdv0eY",
          "shield": null,
          "ssl_ca_cert": null,
          "ssl_cert_hostname": null,
          "ssl_check_cert": true,
          "ssl_ciphers": null,
          "ssl_client_cert": null,
          "ssl_client_key": null,
          "ssl_hostname": null,
          "ssl_sni_hostname": null,
          "use_ssl": false,
          "version": 1,
          "weight": 100
        }
      ]
    }
  ]
}

url": "/service/:service_id/version/:version/backend"
"description": [  "A backend is an address (IP or domain) from which Fastly pulls content. There can be multiple backends for a service."
],  "fields": [  "address String. An hostname, IPv4, or IPv6 address for the backend.",  "auto_loadbalance Boolean. Whether or not this backend should be automatically load balanced.",  "between_bytes_timeout Integer. How long to wait between bytes in milliseconds.",  "client_cert String.",  "comment String.",  "connect_timeout Integer. How long to wait for a timeout in milliseconds.",  "error_threshold Integer. Number of errors to allow before the backend is marked as down.",  "first_byte_timeout Integer. How long to wait for the first bytes in milliseconds.",  "healthcheck String. The name of the healthcheck to use with this backend. Can be empty.",  "hostname String. The hostname of the backend.",  "ipv4 String. IPv4 address of the host.",  "ipv6 String. IPv6 address of the host.",  "locked Boolean. Specifies whether or not the version is locked for editing.",  "max_conn Integer. Maximum number of connections.",  "max_tls_version Integer. Maximum allowed TLS version on SSL connections to this backend.",  "min_tls_version Integer. Minimum allowed TLS version on SSL connections to this backend.",  "name String. The name of the backend.",  "port Integer. The port number.",  "request_condition String. Condition, which if met, will select this backend during a request.",  "service_id String. The alphanumeric string identifying a service.",  "shield String. The shield POP designated to reduce inbound load on this origin by serving the cached data to the rest of the network.",  "ssl_ca_cert String. CA certificate attached to origin.",  "ssl_cert_hostname String. Overrides ssl_hostname, but only for cert verification. Does not affect SNI at all.",  "ssl_check_cert Boolean. Be strict on checking SSL certs.",  "ssl_ciphers String. List of openssl ciphers (see https://www.openssl.org/docs/manmaster/apps/ciphers.html for details)",  "ssl_client_cert String. Client certificate attached to origin.",  "ssl_client_key String. Client key attached to origin.",  "ssl_hostname String. Used for both SNI during the TLS handshake and to validate the cert.",  "ssl_sni_hostname String. Overrides ssl_hostname, but only for SNI in the handshake. Does not affect cert validation at all.",  "use_ssl Boolean. Whether or not to use SSL to reach the backend.",  "version Integer. The current version number of a service.",  "weight Integer. Weight used to load balance this backend against others."
],  "section": "backend"}
GET /public-ip-list

List public IP addresses for Fastly network

Authentication

none

Request Example

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

Response Example

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

```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"
    ]
}
```