API (/api/)

Account (/api/account)

Audit Logs

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

Fields

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>created_at</td>
<td>-</td>
<td>The created_at date and time of the users (ISO 8601) format</td>
</tr>
<tr>
<td>description</td>
<td>-</td>
<td>Description of the event</td>
</tr>
<tr>
<td>event_type</td>
<td>-</td>
<td>Type of event. Can be used with filter[event_type]. One of:</td>
</tr>
<tr>
<td>api_key.create</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>address.create</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>address.delete</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>address.update</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>backend.create</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>backend.delete</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>backend.update</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>billing.contact_update</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>cache_settings.create</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>cache_settings.delete</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>cache_settings.update</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>customer.create</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>customer.pricing</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Function</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>--------------------------</td>
<td>-------------</td>
<td></td>
</tr>
<tr>
<td>customer.update</td>
<td></td>
<td></td>
</tr>
<tr>
<td>director.create</td>
<td></td>
<td></td>
</tr>
<tr>
<td>director.delete</td>
<td></td>
<td></td>
</tr>
<tr>
<td>director.update</td>
<td></td>
<td></td>
</tr>
<tr>
<td>director_backend.create</td>
<td></td>
<td></td>
</tr>
<tr>
<td>director_backend.delete</td>
<td></td>
<td></td>
</tr>
<tr>
<td>domain.create</td>
<td></td>
<td></td>
</tr>
<tr>
<td>domain.delete</td>
<td></td>
<td></td>
</tr>
<tr>
<td>domain.update</td>
<td></td>
<td></td>
</tr>
<tr>
<td>gzip.create</td>
<td></td>
<td></td>
</tr>
<tr>
<td>gzip.delete</td>
<td></td>
<td></td>
</tr>
<tr>
<td>gzip.update</td>
<td></td>
<td></td>
</tr>
<tr>
<td>header.create</td>
<td></td>
<td></td>
</tr>
<tr>
<td>header.delete</td>
<td></td>
<td></td>
</tr>
<tr>
<td>header.update</td>
<td></td>
<td></td>
</tr>
<tr>
<td>healthcheck.create</td>
<td></td>
<td></td>
</tr>
<tr>
<td>healthcheck.delete</td>
<td></td>
<td></td>
</tr>
<tr>
<td>healthcheck.update</td>
<td></td>
<td></td>
</tr>
<tr>
<td>invitation.accept</td>
<td></td>
<td></td>
</tr>
<tr>
<td>invitation.sent</td>
<td></td>
<td></td>
</tr>
<tr>
<td>invoice.failed_payment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>invoice.payment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>logging.create</td>
<td></td>
<td></td>
</tr>
<tr>
<td>logging.delete</td>
<td></td>
<td></td>
</tr>
<tr>
<td>logging.update</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Function</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>---------------------------</td>
<td>-------------</td>
<td></td>
</tr>
<tr>
<td>request_settings.create</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>request_settings.delete</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>request_settings.update</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>response_object.create</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>response_object.delete</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>response_object.update</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>service.move</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>service.move_destination</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>service.move_source</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>service.purge_all</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>two_factor_auth.disable</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>two_factor_auth.enable</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>user.destroy</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>user.lock</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>user.login</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>user.login_failure</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>user.logout</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>user.password_update</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>user.unlock</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>user.update</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>vcl.create</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>vcl.delete</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>vcl.update</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>version.activate</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Action</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>---------------------------------------------</td>
<td>--------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>GET  /events</td>
<td>List all events for a particular customer</td>
<td></td>
</tr>
</tbody>
</table>

**Authentication**

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

**Parameters**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>filter[customer_id]</td>
<td></td>
<td>Limit the returned events to a specific customer.</td>
</tr>
<tr>
<td>filter[service_id]</td>
<td></td>
<td>Limit the returned events to a specific service.</td>
</tr>
<tr>
<td>filter[event_type]</td>
<td></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></td>
<td>Limit the returned events to a specific user.</td>
</tr>
</tbody>
</table>
### GET /events

#### Get a specific event

**Authentication**

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

**Request Example**

```
GET /events/3vHMlphhVZuTxPZQ9vKx8H
Fastly-Key: d3cafb4d4de4d beef
Accept: application/vnd.api+json
```

**Response Example**

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

{
  "data": [
    {
      "id": "6mYw4hVPtebG3WqrmLWKCK",
      "type": "event",
      "attributes": {
        "customer_id": "x4xCwxxJxGCx123Rx5xTx",
        "description": "User One logged in",
        "event_type": "user.login",
        "ip": "127.0.0.0",
        "metadata": {},
        "service_id": null,
        "user_id": "ec8unXZv8tPw1EDsKb6",
        "created_at": "2015-12-22T23:22:22Z",
        "admin": false
      }
    }
  ],
  "links": {
    "last": "http://app.fastly.com/events?filter[customer_id]=x4xCwxxJxGCx123Rx5xTx&page[number]=1&page[size]=1"
  }
}
```
HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
    "data": {
        "id": "3vHMlphhVZuTnP2Q9vKx8H",
        "type": "event",
        "attributes": {
            "customer_id": "x4xCwxxJxGCx123Rx5xTx",
            "description": "Purge all was performed",
            "event_type": "service.purge_all",
            "ip": "127.0.0.0",
            "metadata": {},
            "service_id": "12tzzfMGAc4w9NunvWXfo6",
            "user_id": "ec8unXZv8tPwlEDsKb6",
            "created_at": "2015-12-22T22:23:22Z",
            "admin": false
        }
    }
}

Billing

Get information on current and past bills.

Fields

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>start_time</td>
<td></td>
<td>The start date of this invoice.</td>
</tr>
<tr>
<td>end_time</td>
<td></td>
<td>The end date of this invoice.</td>
</tr>
<tr>
<td>status.status</td>
<td></td>
<td>What the current status of this invoice can be.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Pending (being generated), Outstanding (unpaid), Paid (paid), Month to date (the current month)</td>
</tr>
<tr>
<td>status.sent_at</td>
<td></td>
<td>When the invoice was sent out (if Outstanding or Paid)</td>
</tr>
<tr>
<td>total.plan_name</td>
<td></td>
<td>The name of the plan this invoice was generated under.</td>
</tr>
<tr>
<td>total.plan_code</td>
<td></td>
<td>The short code the plan this invoice was generated under.</td>
</tr>
<tr>
<td>total.plan_minimum</td>
<td></td>
<td>The minimum cost of this plan.</td>
</tr>
<tr>
<td>total.bandwidth</td>
<td></td>
<td>The total amount of bandwidth used this month (See bandwidth_units for measurement).</td>
</tr>
<tr>
<td>total.bandwidth_units</td>
<td></td>
<td>Bandwidth measurement units based on billing plan. Ex:</td>
</tr>
<tr>
<td>Field</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>--------------------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>total.bandwidth_cost</td>
<td>The cost of the bandwidth used this month in USD.</td>
<td></td>
</tr>
<tr>
<td>total.requests</td>
<td>The total number of requests used this month.</td>
<td></td>
</tr>
<tr>
<td>total.requests_cost</td>
<td>The cost of the requests used this month.</td>
<td></td>
</tr>
<tr>
<td>total.incurred_cost</td>
<td>The total cost of bandwidth and requests used this month.</td>
<td></td>
</tr>
<tr>
<td>total.overage</td>
<td>How much over the plan minimum has been incurred.</td>
<td></td>
</tr>
<tr>
<td>totalextras</td>
<td>A list of any extras for this invoice.</td>
<td></td>
</tr>
<tr>
<td>totalextras.name</td>
<td>The name of this extra cost</td>
<td></td>
</tr>
<tr>
<td>totalextras.setup</td>
<td>Initial set up cost in USD (not present if $0.0 or this is not the month the extra was added).</td>
<td></td>
</tr>
<tr>
<td>totalextras.recurring</td>
<td>Recurring monthly cost in USD (not present if $0.0).</td>
<td></td>
</tr>
<tr>
<td>totalextras_cost</td>
<td>Total cost of all extras.</td>
<td></td>
</tr>
<tr>
<td>total.cost_before_discount</td>
<td>Total incurred cost plus extras cost.</td>
<td></td>
</tr>
<tr>
<td>total.discount</td>
<td>Calculated discount rate.</td>
<td></td>
</tr>
<tr>
<td>total.cost</td>
<td>The final amount to be paid.</td>
<td></td>
</tr>
<tr>
<td>total.terms</td>
<td>Payment terms. Almost always Net15.</td>
<td></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-regenerating-your-api-key) or session cookie (/api/auth) with at least **Billing** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

**Request Example**

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

**Response Example**

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

"invoice_id": "6xgTD77CFvSa958dxMRIX",
"start_time": "2012-01-01T00:00:00Z",
"end_time": "2012-01-31T23:59:59Z",
"status": {
  "status": "Outstanding",
  "sent_at": "2012-02-01T00:26:07+00:00"
},
"total": {
  "plan_name": "friends",
  "plan_code": "friends",
  "plan_minimum": 0.0,
  "bandwidth": 149.4003043212,
  "bandwidth_units": "GB",
  "bandwidth_cost": 17.928036518544001,
  "requests": 136350306.0,
  "requests_cost": 102.5957181,
  "incurred_cost": 120.523754618544,
  "overage": 120.523754618544,
  "extras": [
    {
      "name": "EV Certificate Hosting",
      "setup": 0.0,
      "recurring": 100.0,
    }
  ],
  "extras_cost": 100.0,
  "cost_before_discount": 220.523754618544,
  "discount": 54.653411296675401,
  "cost": 100.0,
  "terms": "Net15"
},
"regions": {
  "europe": {
    "requests": {
      "tiers": [
        {
          "units": 0.0,
          "price": 0.012,
          "total": 0.0,
          "name": "per 10,000 HTTPS requests"
        },
        {
          "units": 221.9924,
          "price": 0.00899999999999993,
          "total": 1.9979316,
          "name": "per 10,000 HTTP requests"
        }
      ],
      "total": 1.9979316
    },
    "cost": 3.1379692540795001,
    "bandwidth": {
      "tiers": [
        {
          "units": 9.5003137839958107,
          "price": 0.12,
          "total": 1.1400376540795001,
          "name": "first 10TB"
        }
      ],
      "total": 1.1400376540795001
    }
  }
}
"australia": {
  "requests": {
    "tiers": [
      {
        "units": 0.0,
        "price": 0.012,
        "total": 0.0,
        "name": "per 10,000 HTTPS requests"
      },
      {
        "units": 0.0,
        "price": 0.0089999999999999993,
        "total": 0.0,
        "name": "per 10,000 HTTP requests"
      }
    ],
    "total": 0.0
  },
  "cost": 0.0,
  "bandwidth": {
    "tiers": [
      {
        "units": 0.0,
        "price": 1.0,
        "total": 0.0,
        "name": "first 10TB"
      }
    ],
    "total": 0.0
  }
},
"asia": {
  "requests": {
    "tiers": [
      {
        "units": 0.0,
        "price": 0.012,
        "total": 0.0,
        "name": "per 10,000 HTTPS requests"
      },
      {
        "units": 0.0,
        "price": 0.0089999999999999993,
        "total": 0.0,
        "name": "per 10,000 HTTP requests"
      }
    ],
    "total": 0.0
  },
  "cost": 0.0,
  "bandwidth": {
    "tiers": [
      {
        "units": 0.0,
        "price": 1.0,
        "total": 0.0,
        "name": "first 10TB"
      }
    ],
    "total": 0.0
  }
},
"usa": {
  "requests": {
    "tiers": [
      {
        "units": 0.0,
        "price": 0.012,
        "total": 0.0,
        "name": "per 10,000 HTTPS requests"
      },
      {
        "units": 0.0,
        "price": 0.0089999999999999993,
        "total": 0.0,
        "name": "per 10,000 HTTP requests"
      }
    ],
    "total": 0.0
  },
  "cost": 0.0,
  "bandwidth": {
    "tiers": [
      {
        "units": 0.0,
        "price": 1.0,
        "total": 0.0,
        "name": "first 10TB"
      }
    ],
    "total": 0.0
  }
},
"total": 0.0
}
"requests": {
  "tiers": [
    {
      "units": 0.0,
      "price": 0.01,
      "total": 0.0,
      "name": "per 10,000 HTTPS requests"
    },
    {
      "units": 13413.038200000001,
      "price": 0.0074999999999999997,
      "total": 100.5977865,
      "name": "per 10,000 HTTP requests"
    }
  ],
  "total": 100.5977865
},
"cost": 117.385785364464,
"bandwidth": {
  "tiers": [
    {
      "units": 139.89999053720399,
      "price": 0.12,
      "total": 16.78799864464502,
      "name": "first 10TB"
    }
  ],
  "total": 16.78799864464502
},

"services": {
  "CI2LKXSZs1PkSEUkCxgt3": {
    "europe": {
      "requests": 37.0,
      "ssl_requests": 0.0,
      "bandwidth": 0.00020559784024953799
    },
    "australia": {
      "requests": 0.0,
      "ssl_requests": 0.0,
      "bandwidth": 0.0
    },
    "name": "blog",
    "usa": {
      "requests": 218.0,
      "ssl_requests": 0.0,
      "bandwidth": 0.00049502775073051496
    },
    "asia": {
      "requests": 0.0,
      "ssl_requests": 0.0,
      "bandwidth": 0.0
    }
  },
  "l1jmntMz1ncwA0KC3TBGD0X": {
    "europe": {
      "requests": 59316.0,
      "ssl_requests": 0.0,
      "bandwidth": 0.24078979436308101
    },
    "australia": {
      "requests": 0.0,
      "ssl_requests": 0.0,
      "bandwidth": 0.0
    }
  }
}
Customer

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

Actions

GET /current_customer

Get the logged in customer

Authentication

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

Request Example

GET /current_customer
Response Example

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

```json
{
  "can_stream_syslog":null,
  "owner_id":"x9KzsrACXZv8tPw1EDsKb6",
  "can_upload_vcl":null,
  "has_config_panel":null,
  "raw_api_key":"nb35eRl123CGPJxJwCH4g",
  "name":"Test Account",
  "id":"hTE5dR1SBICGPJxJwCH4M",
  "can_configure_wordpress":null,
  "updated_at":"2012-06-16T20:50:45+00:00",
  "created_at":"2008-06-16T05:25:30+00:00",
  "can_reset_passwords":true,
  "pricing_plan":"customer",
  "billing_contact_id":null
}
```

**GET /customer/ id**

Get a specific customer

Authentication

session_or_root_token

Request Example

GET /customer/hTE5dR1SBICGPJxJwCH4M

Response Example

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

```json
{
  "can_stream_syslog":null,
  "owner_id":"x9KzsrACXZv8tPw1EDsKb6",
  "can_upload_vcl":null,
  "has_config_panel":null,
  "raw_api_key":"nb35eRl123CGPJxJwCH4g",
  "name":"Test Account",
  "id":"hTE5dR1SBICGPJxJwCH4M",
  "can_configure_wordpress":null,
  "updated_at":"2012-06-16T20:50:45+00:00",
  "created_at":"2008-06-16T05:25:30+00:00",
  "can_reset_passwords":true,
  "pricing_plan":"customer",
  "billing_contact_id":null
}
```

**PUT /customer/ id**


Update a customer

Authentication

session_or_root_token

Request Example

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

Response Example

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

{
  "can_stream_syslog":null,
  "owner_id":"x9KzsrACXZv8tPwlEDsKb6",
  "can_upload_vcl":null,
  "has_config_panel":null,
  "raw_api_key":"nb35eRl123CGPJxJwCH4g",
  "name":"Test Account",
  "id":"hTE5dR1SBICGPJxJwCH4M",
  "can_configure_wordpress":null,
  "updated_at":"2012-06-16T20:50:45+00:00",
  "created_at":"2008-06-16T05:25:30+00:00",
  "can_reset_passwords":true,
  "pricing_plan":"customer",
  "billing_contact_id":null
}
```

GET /customer/id/users

List all users from a specified customer id

Authentication

session_or_root_token

Request Example

```plaintext
get /customer/4mp6jxt8Z5b4be5jIhXz0O/users
Content-Type: application/x-www-form-urlencoded
```

Response Example

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

[
  {
    "login":"johnowner@example.com",
    "name":"John",
    "id":"x9KzsrACXZv8tPwlEDsKb6",
    "updated_at":"2012-06-20T21:52:44+00:00",
    "created_at":"2012-06-20T21:52:44+00:00",
    "role":"admin",
```
```
"require_new_password":false,
"customer_id":"nb35eRl123CPJxJwCH4g",
"email_hash":"hTE5dRlSBICGPJxJwCH4M"
]
```

**DELETE** `/customer/ id`

Delete a customer

Authentication

`session_or_root_token`

Request Example

```text
DELETE /customer/4mp6jxt825b4be5jIhXz0O
```

Response Example

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

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

**Event Log**

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

**Fields**

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

Actions

**GET /event_log/ id**

Get the specified event log

Authentication

API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) 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>limit</td>
<td>raise or lower number of items returned. (default 20)</td>
<td></td>
</tr>
<tr>
<td>after</td>
<td>offset response (default 0)</td>
<td></td>
</tr>
</tbody>
</table>

Request Example

GET /event_log/SU1Z0isxPaozGVKXdv0eY
Fastly-Key: YourAPIKey
Accept: application/json

Response Example

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

```
[
  {
    "level":5,
    "message":"Activated version 2",
    "details":"
    "timestamp":1339713014104,
    "id":"SU1Z0isxPaozGVKXdv0eY",
    "subsystem":"
    "system":"
    "object_type":"service"
  }
]
```

**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>id</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>invite_id</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>email</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>created_at</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>updated_at</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>deleted_at</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

**Actions**

**GET** /invitation

Get all open invitations created by the customer

Authentication

session cookie (/api/auth).

Request Example

```plaintext
GET /invitation
```

Response Example

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

"open_invitations":
[

  {
    "id":89j4t7s98e4e7tsjeg5s45h,
    "customer_id": "hTE5dRLSB1CGRJxJwCH4M",
    "email": "john@example.com",
    "status_code": 1
    "role": "superuser",
    "created_at": "2012-03-21T15:35:28-07:00",
    "updated_at": "2012-03-21T15:35:28-07:00"
  },

  {
    "id":g944td0dfeeextx1xg5x25x
    "customer_id": "hTE5dRLSB1CGRJxJwCH4M",
    "email": "bob@example.com",
    "status_code": 1
    "role": "billing",
    "created_at": "2012-03-21T15:35:28-07:00",
    "updated_at": "2012-03-21T15:35:28-07:00"
  },

  ...
],
"permissible_roles": ["superuser", "engineer", "billing", "user"]
```
POST /invitation

Create a new invitation and email it to the recipient.

Authentication

session cookie (/api/auth).

Request Example

```
POST /invitation
Fastly-Key: d3cafb4dde4dbee
Accept: application/json
email=john@example.com
```

Response Example

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

"id":89j4t7s98e4e7tsjeg5s45h,
"customer_id": "hTE5dRlsBCGPJxJwCH4M",
"email": "alan@example.com",
"status_code":1
"role": "superuser",
"created_at": "2012-03-21T15:35:28-07:00",
"updated_at": "2012-03-21T15:35:28-07:00"
```

PUT /invitation/:id/cancel

Cancel an open invitation

Authentication

session cookie (/api/auth).

Request Example

```
PUT /invitation/:id/cancel
Fastly-Key: d3cafb4dde4dbee
Accept: application/json
```

Response Example

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

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

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

Fields

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>name</td>
<td>-</td>
<td>The unique name of the pricing extra</td>
</tr>
<tr>
<td>setup</td>
<td>-</td>
<td>The setup cost of the pricing extra, only charged the month it was created</td>
</tr>
<tr>
<td>recurring</td>
<td>-</td>
<td>The recurring cost of the pricing extra, charged every month</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-regenerating-your-api-key](https://docs.fastly.com/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key)) or session cookie ([api/auth](https://docs.fastly.com/api/auth)).

Request Example

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

Response Example

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

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

Get an individual pricing extra for a customer

Authentication

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

Request Example

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

Response Example

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

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

old_password=oldpasswd&password=newpwd

**Response Example**

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

{
    "login": "johnowner@example.com",
    "name": "John Owner",
    "id": "x9KzsrACXZv8tFw1EDsKb6",
    "updated_at": "2012-06-21T03:22:50+00:00",
    "created_at": "2012-06-20T21:52:44+00:00",
    "role": "admin",
    "require_new_password": false,
    "customer_id": "x4xCwxxJxGCx123Rx5xTx",
    "email_hash": "xe8x2dxffx5bx18123x69x3fxefxexfa"
}
```

**GET** /current_user

Get the logged in user

**Authentication**

session cookie (/api/auth).

**Request Example**

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

**Response Example**

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

{
    "login": "johnowner@example.com",
    "name": "John Owner",
    "id": "x9KzsrACXZv8tFw1EDsKb6",
    "updated_at": "2012-06-21T03:22:50+00:00",
    "created_at": "2012-06-20T21:52:44+00:00",
    "role": "admin",
    "require_new_password": false,
    "customer_id": "x4xCwxxJxGCx123Rx5xTx",
    "email_hash": "xe8x2dxffx5bx18123x69x3fxefxexfa"
}
```

**GET** /user/ id

https://docs.fastly.com/api/aio
Get a specific user

Authentication

session cookie (/api/auth).

Request Example

```
GET /user/x9KzsrACXZv8tPwlEDsKb6
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

{
  "login":"johnowner@example.com",
  "name":"John Owner",
  "id":"x9KzsrACXZv8tPwlEDsKb6",
  "updated_at":"2012-06-21T03:22:50+00:00",
  "created_at":"2012-06-20T21:52:44+00:00",
  "role":"admin",
  "require_new_password":false,
  "customer_id":"x4xCwxxJxGCx123Rx5xTx",
  "email_hash":"xe8x2dxffx5bx18123x69x3fxefxefxa"
}
```
**POST** /user

Create a user

Authentication

session cookie (/api/auth).

Request Example

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

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

Response Example

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

{
    "login": "johnowner@example.com",
    "name": "John Owner",
    "id": "x9KzsrACXZv8tPwlEDsKb6",
    "updated_at": "2012-06-21T03:22:50+00:00",
    "created_at": "2012-06-20T21:52:44+00:00",
    "role": "admin",
    "require_new_password": false,
    "customer_id": "x4xCwxxJxGCx123Rx5xTx",
    "email_hash": "xe8x2dxffx5bx18123x69x3fxefxefxa"
}
```

**PUT** /user/ id

Update a user

Authentication

session cookie (/api/auth).

Request Example

```
PUT /user/x9KzsrACXZv8tPwlEDsKb6
Fastly-Key: d3cafb4dde4dbee
Content-Type: application/x-www-form-urlencoded
Accept: application/json

id=Updated+Name
```

Response Example

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

Delete a user

Authentication

session cookie (/api/auth).

Request Example

```plaintext
DELETE /user/x9KzsrACXZv8tPwlEDsKb6
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

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

POST `/user/ login /password/request_reset`

Requests a password reset for the specified user

Authentication

none

Request Example

```plaintext
POST /user/x9KzsrACXZv8tPwlEDsKb6/password/request_reset
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

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

# Config (/api/config)

## Backend

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

### Fields

<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></td>
</tr>
<tr>
<td>comment</td>
<td>string</td>
<td></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>
</tbody>
</table>

Maximum allowed TLS version on SSL connections to this
### max_tls_version
- Type: integer
- Description: Minimum allowed TLS version on SSL connections to this backend.

### min_tls_version
- Type: integer
- Description: Minimum allowed TLS version on SSL connections to this backend.

### name
- Type: string
- Description: The name of the backend.

### port
- Type: integer
- Description: The port number.

### request_condition
- Type: string
- Description: Condition, which if met, will select this backend during a request.

### service_id
- Type: string
- Description: The alphanumeric string identifying a service.

### shield
- Type: string
- Description: 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
- Type: string
- Description: CA certificate attached to origin.

### ssl_cert_hostname
- Type: string
- Description: Overrides ssl_hostname, but only for cert verification. Does not affect SNI at all.

### ssl_check_cert
- Type: boolean
- Description: Be strict on checking SSL certs.

### ssl_ciphers
- Type: string
- Description: List of openssl ciphers (see https://www.openssl.org/docs/manmaster/apps/ciphers.html for details)

### ssl_client_cert
- Type: string
- Description: Client certificate attached to origin.

### ssl_client_key
- Type: string
- Description: Client key attached to origin.

### ssl_hostname
- Type: string
- Description: Used for both SNI during the TLS handshake and to validate the cert.

### ssl_sni_hostname
- Type: string
- Description: Overrides ssl_hostname, but only for SNI in the handshake. Does not affect cert validation at all.

### use_ssl
- Type: boolean
- Description: Whether or not to use SSL to reach the backend.

### version
- Type: integer
- Description: The current version number of a service.

### weight
- Type: integer
- Description: Weight used to load balance this backend against others.

### Actions

**GET**  /service/ service_id /version/ version /backend
List all backends for a particular service and version.

Authentication

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

Request Example

GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/backend
Fastly-Key: d3cafbdde4dbee
Accept: application/json

Response Example

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

[ 
   {
      "address": "127.0.0.1",
      "auto_loadbalance": false,
      "between_bytes_timeout": 10000,
      "client_cert": null,
      "comment": "",
      "connect_timeout": 1000,
      "error_threshold": 0,
      "first_byte_timeout": 15000,
      "healthcheck": null,
      "hostname": null,
      "ipv4": "127.0.0.1",
      "ipv6": null,
      "locked": true,
      "max_conn": 200,
      "max_tls_version": null,
      "min_tls_version": null,
      "name": "backend-name",
      "port": 80,
      "request_condition": "",
      "service_id": "SU1Z0isxPaozGVKXdv0eY",
      "shield": null,
      "ssl_ca_cert": null,
      "ssl_cert_hostname": null,
      "ssl_check_cert": true,
      "ssl_ciphers": null,
      "ssl_client_cert": null,
      "ssl_client_key": null,
      "ssl_hostname": null,
      "ssl_sni_hostname": null,
      "use_ssl": false,
      "version": 1,
      "weight": 100
   }
]
Get the backend for a particular service and version.

Authentication

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

Request Example

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

Response Example

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

{
    "address": "127.0.0.1",
    "auto_loadbalance": false,
    "between_bytes_timeout": 10000,
    "client_cert": null,
    "comment": "",
    "connect_timeout": 1000,
    "error_threshold": 0,
    "first_byte_timeout": 15000,
    "healthcheck": null,
    "hostname": null,
    "ipv4": "127.0.0.1",
    "ipv6": null,
    "locked": true,
    "max_conn": 200,
    "max_tls_version": null,
    "min_tls_version": null,
    "name": "backend-name",
    "port": 80,
    "request_condition": "",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "shield": null,
    "ssl_ca_cert": null,
    "ssl_cert_hostname": null,
    "ssl_check_cert": true,
    "ssl_ciphers": null,
    "ssl_client_cert": null,
    "ssl_client_key": null,
    "ssl_hostname": null,
    "ssl_sni_hostname": null,
    "use_ssl": false,
    "version": 1,
    "weight": 100
}
```

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

Create a backend for a particular service and version.
Authentication

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

Request Example

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

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

Response Example

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

{
    "address": "127.0.0.1",
    "auto_loadbalance": false,
    "between_bytes_timeout": 10000,
    "client_cert": null,
    "comment": "",
    "connect_timeout": 1000,
    "error_threshold": 0,
    "first_byte_timeout": 15000,
    "healthcheck": null,
    "hostname": null,
    "ipv4": "127.0.0.1",
    "ipv6": null,
    "locked": true,
    "max_conn": 200,
    "max_tls_version": null,
    "min_tls_version": null,
    "name": "backend-name",
    "port": 80,
    "request_condition": "",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "shield": null,
    "ssl_ca_cert": null,
    "ssl_cert_hostname": null,
    "ssl_check_cert": true,
    "ssl_ciphers": null,
    "ssl_client_cert": null,
    "ssl_client_key": null,
    "ssl_hostname": null,
    "ssl_sni_hostname": null,
    "use_ssl": false,
    "version": 1,
    "weight": 100
}
```

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

Update the backend for a particular service and version.
Authentication

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

Parameters

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

Request Example

```
PUT /service/SU1Z0isxPaozGVXdv0eY/version/1/backend/backend-name
Fastly-Key: d3cafb4dde4beef
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": "SU1Z0isxPaozGVXdv0eY",
  "shield": null,
  "ssl_ca_cert": null,
  "ssl_cert_hostname": null,
  "ssl_check_cert": true,
  "ssl_ciphers": null,
  "ssl_client_cert": null,
  "ssl_client_key": null,
  "ssl_hostname": null,
  "ssl_sni_hostname": null,
  "use_ssl": false,
  "version": 1,
}
```
DELETE /service/service_id/version/service_id/version/backend/name

Delete the backend for a particular service and version.

Authentication

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

Request Example

DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/backend/backend-name
Fastly-Key: d3cafb4dde4dbfeef
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-regenerating-your-api-key) or session cookie (/api/auth) with at least [Engineer] permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

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

Response Example

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

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

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

Get a specific cache settings object.

Authentication

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

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/cache_settings/testcache
Fastly-Key: d3cafb4dde4dbee
Accept: application/json
```

Response Example

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

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

Authentication

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

Request Example

```plaintext
POST /service/SU1Z0isxPaozGVXdv0eY/version/l/cache_settings
Fastly-Key: d3cafb4dde4d@ef
ContentType: 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": "SU1Z0isxPaozGVXdv0eY",
  "stale_ttl": "1200",
  "ttl": "3600",
  "version": "1"
}
```

Update a specific cache settings object.

Authentication

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

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/cache_settings/testcache
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

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

**Request Example**

```
GET /service/SU1z0isxPaozGVKXdv0eY/version/1/condition
Fastly-Key: d3cafb4dde4dbee4
Accept: application/json
```

**Response Example**

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

[
 ]
```
GET /service/service_id/version/version/condition/name

Gets the specified condition.

Authentication

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

Request Example

GET /service/SU1Z0isxPaozGVXdv0eY/version/1/condition/testcondition
Fastly-Key: d3cafb4dde4dbee
Accept: application/json

Response Example

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

{
    "comment": "",
    "name": "testcondition",
    "priority": "10",
    "service_id": "SU1Z0isxPaozGVXdv0eY",
    "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-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/condition
Fastly-Key: d3cafb4dde4dbeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json
name=testcondition&statement=req.url~+"index.html"&priority=10

Response Example

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

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

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

Updates the specified condition.

Authentication

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

Request Example

PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/condition/testcondition
Fastly-Key: d3cafb4dde4dbeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json
name=updatedtestcondition&statement=req.url~+"index.html"&priority=10

Response Example

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

{
    "comment": "",
    "name": "updatedtestcondition",
    "priority": "10",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "statement": "req.url~ "index.html"",
    "type": "CACHE",
    "version": "1"
}
**DELETE** /service/ service_id /version/ version /condition/ name

Deletes the specified condition.

**Authentication**

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

**Request Example**

```plaintext
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/condition/testcondition
Fastly-Key: d3cafb4dde4dbeef
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>
<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

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

Request Example

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

Response Example

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

[
  {
    "created_at": "2016-04-29T22:16:23+00:00",
    "deleted_at": null,
    "id": "3vJTN8v107nOAY7aNDGOL",
    "name": "my_dictionary",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "updated_at": "2016-04-29T22:16:23+00:00",
    "version": 1
  }
]
```

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

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

Authentication

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

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/dictionary/my_dictionary
Fastly-Key: d3cafb4dde4dbee
Accept: application/json
```

Response Example

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

```
POST /service/ service_id /version/ version /dictionary

Create named dictionary for a particular service and version.

Authentication

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

Request Example

POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/dictionary
Fastly-Key: d3cafb4dde4dbee
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": "5clCytcTJrvnP8wqPH0q",
    "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-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

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

Delete named dictionary for a particular service and version.

Authentication

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

Request Example

DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/dictionary/my_dictionary
Fastly-Key: d3cafb4dde4dbeeef
Accept: application/json

Response Example

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

{  
  "status": "ok"
}

Dictionary Item

A DictionaryItem holds a key and value that make up an entry in a Dictionary. DictionaryItems are versionless so they can be modified without activating a new version.
Fields

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

Request Example

GET /service/SU1Z0isxPaozGVKXdv0eY/dictionary/5clCytcTJrvnPi8wjqPH0q/items
Fastly-Key: d3c4eb4d3e4d4beef
Accept: application/json

Response Example

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

[  
  {  
    "dictionary_id": "5clCytcTJrvnPi8wjqPH0q",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "item_key": "some_key",
    "item_value": "some_value",
    "created_at": "2016-04-21T18:14:32+00:00",
    "deleted_at": null,
    "updated_at": "2016-04-21T18:14:32+00:00"
  }
]
GET  /service/ service_id /dictionary/ dictionary_id /item/ item_key

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

Authentication

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

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/dictionary/5clCytcTJrvnP18wjqPH0q/item/some_key
Fastly-Key: d3cafb4dde4dbee
Accept: application/json
```

Response Example

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

{
  "dictionary_id": "5clCytcTJrvnP18wjqPH0q",
  "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-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/dictionary/5clCytcTJrvnP18wjqPH0q/item
Fastly-Key: d3cafb4dde4dbee
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
```
PUT /service/ service_id /dictionary/ dictionary_id /item/ item_key

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

Authentication

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

Request Example

```plaintext
PUT /service/SU1Z0isxPaozGVKXdv0eY/dictionary/5clCytcTJrnvPi8wjqPH0q/item/some_key
Fastly-Key: d3cafb4dde4dbee
Content-Type: application/x-www-form-urlencoded
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": "new_value",
  "created_at": "2016-04-21T18:14:32+00:00",
  "deleted_at": null,
  "updated_at": "2016-04-21T18:14:32+00:00"
}
```

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

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

Authentication

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

PATCH /service/SU1Z0isxPaozGVXx0eY/dictionary/5clCytcTJrnvPi8wjqPH0q/item/some_key
Fastly-Key: d3cafb4dde4dbef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

item_value=new_value

Response Example

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

{
  "dictionary_id": "5clCytcTJrnvPi8wjqPH0q",
  "service_id": "SU1Z0isxPaozGVXx0eY",
  "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"
}
Response Example

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

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

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

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

Authentication

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

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/dictionary/5clCytcTJrnvPi8wjqPH0q/item/some_key
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

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

**Diff**

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

**Fields**

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

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/SU1Z0isxPacgGVKXdvOeY/diff/from/1/to/2
Fastly-Key: d3cafb4de4dbee
Accept: application/json
```

Response Example

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

{
   "from": 1,
   "to": 2,
   "format": "text",
   "diff":
   
   backends:
   - name: My Backend
     address: backend.example.com
     auto_loadbalance: '0'
     between_bytes_timeout: 10000
     client_cert: 
     comment: ''
     connect_timeout: 1000
     error_threshold: 0
     first_byte_timeout: 15000
     healthcheck:
     hostname: www.example.com
     ipv4:
     ipv6:
     max_conn: 200
     port: 80

```
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>request_condition:</td>
<td>''</td>
<td></td>
</tr>
<tr>
<td>shield:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ssl_ca_cert:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ssl_client_cert:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ssl_client_key:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ssl_hostname:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>use_ssl:</td>
<td>false</td>
<td></td>
</tr>
<tr>
<td>weight:</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>cache_settings:</td>
<td>[]</td>
<td></td>
</tr>
<tr>
<td>comment:</td>
<td>''</td>
<td></td>
</tr>
<tr>
<td>conditions:</td>
<td>[]</td>
<td></td>
</tr>
<tr>
<td>deployed:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>directors:</td>
<td>[]</td>
<td></td>
</tr>
<tr>
<td>domains:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- name: <a href="http://www.example.com">www.example.com</a></td>
<td>comment: ''</td>
<td></td>
</tr>
<tr>
<td>gzips:</td>
<td>[]</td>
<td></td>
</tr>
<tr>
<td>-headers:</td>
<td>[]</td>
<td></td>
</tr>
<tr>
<td>+headers:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>+- name: Debug</td>
<td></td>
<td></td>
</tr>
<tr>
<td>+ action: set</td>
<td></td>
<td></td>
</tr>
<tr>
<td>+ cache_condition:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>+ dst: http.X-Test</td>
<td></td>
<td></td>
</tr>
<tr>
<td>+ ignore_if_set:</td>
<td>'0'</td>
<td></td>
</tr>
<tr>
<td>+ priority:</td>
<td>'10'</td>
<td></td>
</tr>
<tr>
<td>+ regex:</td>
<td>''</td>
<td></td>
</tr>
<tr>
<td>+ request_condition:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>+ response_condition:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>+ src: &quot;testing&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>+ substitution:</td>
<td>''</td>
<td></td>
</tr>
<tr>
<td>+ type: request</td>
<td></td>
<td></td>
</tr>
<tr>
<td>healthchecks:</td>
<td>[]</td>
<td></td>
</tr>
<tr>
<td>matches:</td>
<td>[]</td>
<td></td>
</tr>
<tr>
<td>origins:</td>
<td>[]</td>
<td></td>
</tr>
<tr>
<td>request_settings:</td>
<td>[]</td>
<td></td>
</tr>
<tr>
<td>response_objects:</td>
<td>[]</td>
<td></td>
</tr>
<tr>
<td>service_id:</td>
<td>SU1Z0isxPaozGVKXdv0eY</td>
<td></td>
</tr>
<tr>
<td>settings:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>general.default_host:</td>
<td>''</td>
<td></td>
</tr>
<tr>
<td>general.default_ttl:</td>
<td>3600</td>
<td></td>
</tr>
<tr>
<td>staging:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>syslogs:</td>
<td>[]</td>
<td></td>
</tr>
<tr>
<td>testing:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>vcls:</td>
<td>[]</td>
<td></td>
</tr>
<tr>
<td>wordpress:</td>
<td>[]</td>
<td></td>
</tr>
<tr>
<td>&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Fastly API Documentation

**backends**  
`array`  
List of backend associated with this director.

**capacity**  
`integer`  
Load balancing weight for the backends.

**comment**  
`string`  
Description field.

**created_at**  
`string`  
Time-stamp (GMT) when the Director was created.

**deleted_at**  
`string`  
Time-stamp (GMT) when the Director was deleted.

**name**  
`string`  
Name for the Director.

**quorum**  
`integer`  
The percentage of capacity that needs to be up for a director to be considered up. Integer, 0 to 100 (default: 75)

**service_id**  
`string`  
The alphanumeric string identifying a service.

**shield**  
`string`  
Selected POP to serve as a "shield" for origin servers.

**type**  
`integer`  
What type of load balance group to use. Integer, 1 to 4. Values:  
1=random, 2=round-robin, 3=hash, 4=client. (default: 1)

**updated_at**  
`string`  
Time-stamp (GMT) when the Director was updated.

**retries**  
`integer`  
How many backends to search if it fails. (default: 5)

**version**  
`integer`  
The current version of a service.

### Actions

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

List the directors for a particular service and version

**Authentication**

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

**Request Example**

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

**Response Example**

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

```json
[
]
```
GET /service/service_id/version/director/name

Get the director for a particular service and version

Authentication

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

Request Example

GET /service/SU1Z0isxPaozGVXKXdv0eY/version/1/director/test-director

Fastly-Key: d3cafb4dde4bee
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": "SU1Z0isxPaozGVXKXdv0eY",
  "shield": null,
  "type": 1,
  "updated_at": "2016-05-04T21:29:15+00:00",
  "version": 1
}
Create a director for a particular service and version

Authentication

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

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/director
Fastly-Key: d3cafb4dde4dbbeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=test-director
```

Response Example

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

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

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

Update the director for a particular service and version

Authentication

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

Request Example

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

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

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

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

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

Delete the director for a particular service and version

**Authentication**

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

**Request Example**

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

**Response Example**

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

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

**Director Backend**

Maps and relates backends as belonging to directors. Backends can belong to any number of directors but directors can only hold one reference to a specific backend.

**Fields**
<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/director/director_name/backend/backend_name

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

Authentication

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

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/director/test-director/backend/test-backend
HTTP/1.1
Fastly-Key: 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": "SU1Z0isxPaozGVKXdv0eY",
   "updated_at": "2016-05-05T20:26:56+00:00",
   "version": 1
}
```

**POST** /service/service_id/version/director/director_name/backend/backend_name
Establishes a relationship between a Backend and a Director. The Backend is then considered a member of the Director and can be used to balance traffic onto.

Authentication

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

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/director/test-director/backend/test-backend
HTTP/1.1
Fastly-Key: d3cafb4dde4dbef
Accept: application/json
```

Response Example

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

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

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

Authentication

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

Request Example

GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/domain/check_all
Fastly-Key: d3cafb4dde4db9eef
Accept: application/json

Response Example

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

```json
[
  {
    "comment": "",
    "name": "www.example.com",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "version": 1
  },
]```
GET /service/ service_id /version/ version /domain/ name /check

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

Authentication

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

Request Example

GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/domain/www.example.com/check
Fastly-Key: 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 /domain

List all the domains for a particular service and version

Authentication

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

Request Example

GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/domain
Fastly-Key: d3cafb4dde4dbeeef
Accept: application/json
Response Example

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

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

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

Get the domain for a particular service and version

Authentication

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

Request Example

```plaintext
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/domain/www.example.com
Fastly-Key: d3cafbdde4dbbeef
Accept: application/json
```

Response Example

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

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

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

Create a domain for a particular service and version

Authentication

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

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/domain
Fastly-Key: d3cafb4dde4dbf
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-regenerating-your-api-key) or session cookie (api/auth) with at least Engineer permissions (guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/domain/www.example.com
Fastly-Key: d3cafb4dde4dbf
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-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

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

Response Example

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

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

Gzip

Gzip configuration allows you to choose resources to automatically compress.

Actions

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

List all gzip configurations for a particular service and version

Authentication

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

Request Example

```plaintext
GET /service/SU1Z0isxPaozGVKXdv0eY/version/2/gzip
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

[
  {
    "cache_condition": "",
    "content_types": "text/html text/css application/javascript",
    "extensions": "html css js",
  }
]```
GET /service/ service_id /version/ version /gzip/ name

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

Authentication

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

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/2/gzip/fonts
Fastly-Key: d3cafb4dde4dbeeef
Accept: application/json
```

Response Example

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

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

POST /service/ service_id /version/ version /gzip

Create a named gzip configuration on a particular service and version

Authentication

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

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/2/gzip
Fastly-Key: d3cafb4dde4dbeeef
Accept: application/json

name=gzip-config-name \
&cache_condition= \
&extensions=html%20css%20js
```
PUT /service/service_id/version/version/gzip/old_name

Update a named gzip configuration on a particular service and version

Authentication

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

Request Example

POST /service/SU1Z0isxPaozGVXKXdv0eY/version/2/gzip
Fastly-Key: d3cafB4dD4dD6ebf
Accept: application/json

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

Response Example

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

{
  "cache_condition": "",
  "content_types": "text/html text/css application/javascript",
  "extensions": "html css js",
  "name": "gzip-config-name",
  "service_id": "SU1Z0isxPaozGVXKXdv0eY",
  "version": "1"
}

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

https://docs.fastly.com/api/aio
Delete a named gzip configuration on a particular service and version

Authentication

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

Request Example

```
DELETE /service/SU120isxPaozGVXdv0eY/version/2/gzip
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

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

Header

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

Fields

<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></td>
<td></td>
<td>Don't add the header if it is added already. (Only applies to</td>
</tr>
<tr>
<td><strong>ignore_if_set</strong></td>
<td><strong>integer</strong></td>
<td>'set' action)</td>
</tr>
<tr>
<td>------------------------</td>
<td>-------------</td>
<td>---------------</td>
</tr>
<tr>
<td><strong>name</strong></td>
<td><strong>string</strong></td>
<td>A handle to refer to this Header object</td>
</tr>
<tr>
<td><strong>priority</strong></td>
<td><strong>integer</strong></td>
<td>Lower priorities execute first. (Default: 100.)</td>
</tr>
<tr>
<td><strong>regex</strong></td>
<td><strong>string</strong></td>
<td>Regular expression to use (Only applies to 'regex' and 'regex_repeat' actions).</td>
</tr>
<tr>
<td><strong>request_condition</strong></td>
<td><strong>string</strong></td>
<td>Optional name of a RequestCondition to apply.</td>
</tr>
<tr>
<td><strong>response_condition</strong></td>
<td><strong>string</strong></td>
<td>Optional name of a ResponseCondition to apply.</td>
</tr>
<tr>
<td><strong>service_id</strong></td>
<td><strong>string</strong></td>
<td>The alphanumeric string identifying a service.</td>
</tr>
<tr>
<td><strong>src</strong></td>
<td><strong>string</strong></td>
<td>Variable to be used as a source for the header content. (Does not apply to 'delete' action)</td>
</tr>
<tr>
<td><strong>substitution</strong></td>
<td><strong>string</strong></td>
<td>Value to substitute in place of regular expression. (Only applies to 'regex' and 'regex_repeat')</td>
</tr>
<tr>
<td><strong>type</strong></td>
<td><strong>string</strong></td>
<td>Accepts a string value, one of:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>request</td>
</tr>
<tr>
<td></td>
<td></td>
<td>fetch</td>
</tr>
<tr>
<td></td>
<td></td>
<td>cache</td>
</tr>
<tr>
<td></td>
<td></td>
<td>response</td>
</tr>
<tr>
<td><strong>version</strong></td>
<td><strong>integer</strong></td>
<td>The current version of a service.</td>
</tr>
</tbody>
</table>

**Actions**

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

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

**Authentication**

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

**Request Example**

GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/header
Fastly-Key: d3cafb4dde4dbee
Accept: application/json
GET/service/service_id/version/version/header/name

Retrieves a Header object by name.

Authentication

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

Request Example

GET /service/SU1Z0isxPaozGVXxdv0eY/version/1/header/testheader
Fastly-Key: d3cafb4dde4dbee
Accept: application/json

Response Example

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

{
    "action": "set",
    "cache_condition": null,
    "dst": "http.foo",
    "ignore_if_set": 0,
    "name": "testheader",
    "priority": "10",
    "regex": "",
    "request_condition": null,
    "response_condition": null,
    "service_id": "SU1Z0isxPaozGVXxdv0eY",
    "src": "client.ip",
    "substitution": "",
    "type": "request",
    "version": "1"
}
POST  /service/ service_id /version/ version /header

Creates a new Header object.

Authentication

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

Request Example

```text
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/header
Fastly-Key: d3cafb4dde4d6beef
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

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

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

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

Modifies an existing Header object by name.

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

Request Example

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

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

Response Example

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

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

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

Deletes a Header object by name.

Authentication

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

Request Example

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

Response Example

```
HTTP/1.1 200 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></td>
</tr>
<tr>
<td>expected_response</td>
<td>integer</td>
<td>The status code expected from the host.</td>
</tr>
<tr>
<td>host</td>
<td>string</td>
<td>Which host to check.</td>
</tr>
<tr>
<td>http_version</td>
<td>integer</td>
<td>Whether to use version 1.0 or 1.1 HTTP.</td>
</tr>
<tr>
<td>initial</td>
<td>integer</td>
<td>When loading a config, the initial number of probes to be seen as OK.</td>
</tr>
<tr>
<td>method</td>
<td>string</td>
<td>Which HTTP method to use.</td>
</tr>
<tr>
<td>name</td>
<td>string</td>
<td>The name of the healthcheck.</td>
</tr>
<tr>
<td>path</td>
<td>string</td>
<td>The path to check.</td>
</tr>
<tr>
<td>service_id</td>
<td>string</td>
<td>The alphanumeric string identifying a service.</td>
</tr>
<tr>
<td>threshold</td>
<td>integer</td>
<td>How many healthchecks must succeed to be considered healthy.</td>
</tr>
<tr>
<td>timeout</td>
<td>integer</td>
<td>Timeout in milliseconds.</td>
</tr>
<tr>
<td>version</td>
<td>integer</td>
<td>The current version of a service.</td>
</tr>
<tr>
<td>window</td>
<td>integer</td>
<td>The number of most recent healthcheck queries to keep for this healthcheck.</td>
</tr>
</tbody>
</table>
Actions

GET /service/ service_id /version/ version /healthcheck

List all of the healthchecks for a particular service and version

Authentication

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

Request Example

GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/healthcheck
Fastly-Key: d3cafb4dde4dbbeef
Accept: application/json

Response Example

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

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

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

Get the healthcheck for a particular service and version

Authentication

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

Request Example

GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/healthcheck/example-healthcheck
Fastly-Key: d3cafb4dde4dbbeef
POST /service/service_id/version/healthcheck

Create a healthcheck for a particular service and version

Authentication

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

Request Example

POST /service/SU1Z0isxPaozGvKXdv0eY/version/1/healthcheck
Fastly-Key: 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

```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
}
```
Update the healthcheck for a particular service and version

Authentication

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

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/healthcheck/example-healthcheck
Fastly-Key: d3caf64dde4dbb0e2f
Content-Type: application/x-www-form-urlencode
Accept: application/json
```

Response Example

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

{
  "check_interval": 5000,
  "comment": "",
  "expected_response": 200,
  "host": "example.com",
  "http_version": "1.1",
  "initial": 2,
  "method": "HEAD",
  "name": "updated-healthcheck",
  "path": "/test.txt",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "threshold": 3,
  "timeout": 500,
  "version": 1,
  "window": 5
}
```
API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/healthcheck/test-healthcheck
Fastly-Key: d3cafb4dfe4dbee
Accept: application/json
```

Response Example

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

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

Request Settings

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

Fields

<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 lookup or pass (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><strong>max_stale_age</strong></td>
<td><strong>integer</strong></td>
<td>How old an object is allowed to be to serve stale-if-error or stale-while-revalidate.</td>
</tr>
<tr>
<td><strong>name</strong></td>
<td><strong>string</strong></td>
<td>Name for the request settings.</td>
</tr>
<tr>
<td><strong>request_condition</strong></td>
<td><strong>string</strong></td>
<td>Name of condition object used to test whether or not these settings should be used.</td>
</tr>
<tr>
<td><strong>service_id</strong></td>
<td><strong>string</strong></td>
<td>The alphanumeric string identifying a service.</td>
</tr>
<tr>
<td><strong>timer_support</strong></td>
<td><strong>boolean</strong></td>
<td>Injects the X-Timer info into the request for viewing origin fetch durations.</td>
</tr>
<tr>
<td><strong>version</strong></td>
<td><strong>integer</strong></td>
<td>The current version of a service.</td>
</tr>
<tr>
<td><strong>xff</strong></td>
<td></td>
<td>X-Forwarded-For -- String. should be clear, leave, append, append_all, or overwrite.</td>
</tr>
</tbody>
</table>

**Actions**

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

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

**Authentication**

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

**Request Example**

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/request_settings
Fastly-Key: d3cafb4dde4dbfe
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",
  }
]
```
GET /service/service_id/version/version/request_settings/name

Gets the specified Request Settings object.

Authentication

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

Request Example

```
GET /service/SU1Z0isxFaozGVXdv0eY/version/1/request_settings/testrequest
Fastly-Key: d3cafb4dde4db0ef
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": "SU1Z0isxFaozGVXdv0eY",
    "timer_support": "0",
    "version": "1",
    "xff": "append"
}
```

POST /service/service_id/version/version/request_settings

Creates a new Request Settings object.

Authentication

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

Request Example
**POST**  /service/SU1Z0isxPaozGVKXdv0eY/version/1/request_settings

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

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

**Response Example**

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

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

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

Updates the specified Request Settings object.

**Authentication**

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

**Request Example**

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

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

Removes the specified Request Settings object.

Authentication

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

Request Example

DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/request_settings/testrequest
Fastly-Key: d3cafb4dde4d8beef
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 maintainence 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>
</table>
| Name of the condition checked after we have retrieved an
### Response Object

<table>
<thead>
<tr>
<th>Field</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>cache_condition</td>
<td>string</td>
<td>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>
<tr>
<td>content_type</td>
<td>string</td>
<td>The MIME type of the content, can be empty.</td>
</tr>
<tr>
<td>name</td>
<td>string</td>
<td>Name that identifies the Response Object</td>
</tr>
<tr>
<td>status</td>
<td>string</td>
<td>The HTTP Status Code, defaults to 200.</td>
</tr>
<tr>
<td>response</td>
<td>string</td>
<td>The HTTP Response, defaults to &quot;Ok&quot;</td>
</tr>
<tr>
<td>request_condition</td>
<td>string</td>
<td>Name of the condition to be checked during the request phase. If the condition passes then this object will be delivered.</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

<table>
<thead>
<tr>
<th>Method</th>
<th>URI</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GET</td>
<td>/service/ service_id /version/ version /response_object</td>
<td>Returns all Response Objects for the specified service and version.</td>
</tr>
</tbody>
</table>

#### Authentication

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

#### Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/response_object
Fastly-Key: d3caf4d4de4dbee
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-regenerating-your-api-key) or session cookie (/api/auth) with at least [Engineer](/guides/user-access-and-control/user-roles-and-how-to-change-them) permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/response_object/testresponse
Fastly-Key: d3cafb4dde4dbeef
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-regenerating-your-api-key) or session cookie (/api/auth) with at least [Engineer](/guides/user-access-and-control/user-roles-and-how-to-change-them) permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

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

status=200&response=Ok&name=testresponse&content=this+message+means+all+is+okay
```
**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-regenerating-your-api-key](https://docs.fastly.com/api/aio)) or session cookie ([api/auth](https://docs.fastly.com/api/aio)) with at least Engineer permissions ([guides/user-access-and-control/user-roles-and-how-to-change-them](https://docs.fastly.com/api/aio)).

**Request Example**

```plaintext
PUT /service/SU1Z0isxFaozGVXdv0eY/version/1/response_object/testresponse
Fastly-Key: d3cafb4dde4dbeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

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

**Response Example**

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

{
    "cache_condition": "",
    "content": "THIS MESSAGE MEANS ALL IS OKAY",
    "content_type": null,
    "name": "testresponse",
    "request_condition": "",
    "response": "Ok",
    "service_id": "SU1Z0isxFaozGVXdv0eY",
    "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-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

```plaintext
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/response_object/testresponse
Fastly-Key: d3cafb4dde4dbef
Accept: application/json
```

Response Example

```plaintext
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>directors</td>
<td>array</td>
<td>List of directors associated to this service.</td>
</tr>
<tr>
<td>Field</td>
<td>Type</td>
<td>Description</td>
</tr>
<tr>
<td>------------------</td>
<td>---------</td>
<td>------------------------------------------------------------------------------</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>matches</td>
<td>array</td>
<td>Unused at this time.</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-regenerating-your-api-key](https://docs.fastly.com/api/aio)) or session cookie ([api/auth](https://docs.fastly.com/api/aio)).

**Request Example**
GET /service
Fastly-Key: d3cafb4dde4dbee
Accept: application/json

Response Example

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

[{{"active":null,"comment":","customer_id":"x4xCwxxJxGCx123Rx5xTx","id":"SU1Z0isxPaozGVKXdv0eY","name":"test service","version":1,"versions":[]}}]

GET /service/ id /details
List detailed information on a specified service

Authentication

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

Request Example

GET /service/SU1Z0isxPaozGVKXdv0eY/details
Fastly-Key: d3cafb4dde4dbee
Accept: application/json

Response Example

HTTP/1.1 200 OK
Content-Type: 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-regenerating-your-api-key) or session cookie (/api/auth).

Request Example

GET /service/search?name=test-service
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json

Response Example

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

```json
{
  "comment": ",
  "customer_id": "x4xCwxxJxGCx123Rx5xTx",
  "id": "SU1Z0isxPaozGVKXdv0eY",
  "name": "test service",
}
```
"versions": [ 
  
  "active": "1",
  "backend": [],
  "cache_settings": [],
  "comment": "",
  "condition": [],
  "created": "2016-04-27 19:40:52",
  "deleted": "0000-00-00 00:00:00",
  "deployed": "1",
  "director": [],
  "domain": [],
  "gzip": [],
  "header": [],
  "healthcheck": [],
  "inherit_service_id": null,
  "locked": "1",
  "logging_syslog": [],
  "match": [],
  "number": "2",
  "request_settings": [],
  "response_object": [],
  "service_id": "SU1Z0isxPaozGVXvdv0eY",
  "settings": {
    "general.default_host": "",
    "general.default_pci": 0,
    "general.default_ttl": 3600
  },
  "staging": "1",
  "testing": "1",
  "updated": "2016-05-09 16:28:18",
  "vcl": [],
  "waf": [],
  "wordpress": []
  ]
]}

GET /service/ id

Get a specific service by id

Authentication

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

Request Example

GET /service/SU1Z0isxPaozGVXvdv0eY
Fastly-Key: d3cafbdde4dbee
Accept: application/json

Response Example

HTTP/1.1 200 OK
Content-Type: application/json
GET /service/id/domain

List the domains within a service

Authentication

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

Request Example

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

Response Example

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

[
{
"comment": "",
"locked": true,
"name": "www.example.com",
"service_id": "SU1Z0isxPaozGVKXdv0eY",
"version": 1
}
]
**POST** /service

Create a service

Authentication

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

Request Example

```
Fastly-Key: d3cafb4d4d4dbef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=test-service
```

Response Example

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

{
    "comment": "",
    "created_at": "2016-05-09T20:46:46+00:00",
    "customer_id": "x4xCwxxJxGCx123Rx5xTx",
    "deleted_at": null,
    "id": "SU1Z0isxPaozGVKXdv0eY",
    "name": "test-service",
    "publish_key": "6c8a846405a7293dd13c0c7291ebf011fa4354e3",
    "updated_at": "2016-05-09T20:46:46+00:00",
    "versions": [
        {
            "active": null,
            "backend": 0,
            "comment": "",
            "created_at": "2016-05-09T20:46:46",
            "deleted_at": null,
            "deployed": null,
            "inherit_service_id": null,
            "locked": "0",
            "number": "1",
            "service": "SU1Z0isxPaozGVKXdv0eY",
            "service_id": "SU1Z0isxPaozGVKXdv0eY",
            "staging": null,
            "testing": null,
            "updated_at": "2016-05-09T20:46:46"
        }
    ]
}
```
API key (/guides/account-management-and-security/finding-and-managing-your-account-info#finding-and-regenerating-your-api-key) or session cookie (/api/auth).

Request Example

```
PUT /service/SU1Z0isxPaozGVXdv0eY
Fastly-Key: d3cafb4dde4dbeeef
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": "x4xCwxxJxGCx123Rx5xTxx",
  "deleted_at": null,
  "id": "SU1Z0isxPaozGVXdv0eY",
  "name": "updated-test-service",
  "publish_key": "6c8a846405a7293dd13c0c7291ebf011fa4354e3",
  "updated_at": "2016-05-09T20:46:46+00:00",
  "versions": [
    {
      "active": null,
      "backend": 0,
      "comment": "",
      "created_at": "2016-05-09T20:46:46",
      "deleted_at": null,
      "deployed": null,
      "inherit_service_id": null,
      "locked": "0",
      "number": "1",
      "service": "SU1Z0isxPaozGVXdv0eY",
      "service_id": "SU1Z0isxPaozGVXdv0eY",
      "staging": null,
      "testing": null,
      "updated_at": "2016-05-09T20:46:46"
    }
  ]
}
```
DELETE /service/SU1Z0isxPaozGVKXdv0eY
Fastly-Key: d3cafb4dde4dbee
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_ttl</td>
<td>-</td>
<td>The default Time-to-live (TTL) for the version.</td>
</tr>
<tr>
<td>general.default_host</td>
<td>-</td>
<td>The default host name for the version.</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-regenerating-your-api-key) or session cookie (/api/auth) with at least **Engineer** permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

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

Response Example

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

{ "service_id": "SU1Z0isxPaozGVKXdv0eY", "version": "3", "general.default_ttl": 3600, "general.default_host": "www.example.com" }
**PUT** /service/service_id /version/ version /settings

Update the settings for a particular service and version

Authentication


Request Example

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

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

Response Example

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

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

**Stats**

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

**Fields**

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>start_time</td>
<td>-</td>
<td>epoch timestamp for period request</td>
</tr>
<tr>
<td>end_time</td>
<td>-</td>
<td>epoch timestamp for period request</td>
</tr>
<tr>
<td>year</td>
<td>-</td>
<td>summarize a specific Y/M (requires month)</td>
</tr>
<tr>
<td>month</td>
<td>-</td>
<td>summarize a specific month (requires year)</td>
</tr>
</tbody>
</table>
Actions

GET /service/service/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-regenerating-your-api-key) or session cookie (/api/auth).

Request Example

GET /service/SU1%01sz%00aozGVXvd0eY/stats/summary?year=2013&month=7
Fastly-Key: d3cafb4dde4d3e0
Accept: application/json

Response Example

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

```json
{
  "stats": {
    "AMS": {
      "attack_block": 0,
      "attack_body_size": 0,
      "attack_header_size": 0,
      "attack_synth": 0,
      "blacklist": 0,
      "body_size": 47156,
      "header_size": 2548,
      "hits": 0,
      "hits_time": 0.0,
      "http2": 0,
      "imgopt": 0,
      "ipv6": 0,
      "log": 0,
      "miss": 0,
      "miss_time": 0.0,
      "orig_req_body_size": 0,
      "orig_req_header_size": 0,
      "orig_resp_body_size": 0,
      "orig_resp_header_size": 0,
      "otfp": 0,
      "pass": 3,
      "pci": 0,
      "pipe": 0,
      "requests": 3,
      "shield": 0,
      "status_1xx": 0,
      "status_200": 3,
      "status_204": 0,
      "status_2xx": 3,
      "status_301": 0,
      "status_302": 0,
      "status_304": 0,
      "status_3xx": 0,
    }
  }
}```
GET /service/ service /stats/ type

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

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

Parameters

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

Request Example

GET /service/SU1Z0isxPaczGVXKxvd0eY/stats/daily
Fastly-Key: d3cafb4dde4dbef
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,
            "status_4xx": 0,
            "status_503": 0,
            "status_5xx": 0,
            "synth": 0,
            "tls": 0,
            "uncacheable": 0,
            "video": 0
        }
    }
}
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>
</tbody>
</table>

Actions

GET /service/ [service_id] /version/ [version] /vcl

List the uploaded VCLs for a particular service and version

Authentication
GET /service/SU1Z0isxPaozGVXdv0eY/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;"
  }
  
  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": "test-vcl",  
  "service_id": "SU1Z0isxPaozGVXdv0eY",  
  "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-regenerating-your-api-key) or session cookie (/api/auth) with at least Engineer permissions (/guides/user-access-and-control/user-roles-and-how-to-change-them).

Request Example

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

Response Example

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

*VCL*

GET /service/ service_id /version/ version /vcl/ name
Get the uploaded VCL for a particular service and version

Authentication

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

Parameters

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

Request Example

```
GET /service/SU1Z0isxPaozGVXKXdv0eY/version/1/vcl/test-vcl
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";
  }
  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";
  }
  "main": false,
  "name": "test-vcl",
  "service_id": "SU1Z0isxPaozGVXKXdv0eY",
  "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

Authentication

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

Request Example

```
GET /service/SU1Z0isxPaozGVXKXdv0eY/version/1/vcl/test-vcl/content
Fastly-Key: d3cafb4dde4dbee
Accept: application/json
```

Response Example

```
HTTP/1.1 200 OK
```
GET /service/service_id /version/ version /vcl/ name /download

Download the specified VCL

Authentication

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

Parameters

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

Request Example

GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/vcl/test-vcl/download
Fastly-Key: d3cafbd4dede4beef
Accept: application/json

Response Example

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

```json
{
  "backend default {
    .host = "127.0.0.1";
    .port = "9093";
  }
  sub vcl_recv {
    set req.backend = default;
  }
  sub vcl_hash {
    set req.hash += req.url;
    set req.hash += req.http.host;
    set req.hash += "0";
  }
}
```
GET /service/ service_id /version/ version /generated_vcl

Display the generated VCL for a particular service and version

Authentication

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

Request Example

GET /service/SU1Z0isxPaozGVXdv0eY/version/1/generated_vcl
Fastly-Key: d3cafb4d4de4beef
Accept: application/json

Response Example

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

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

  "main": false,
  "name": "c46e2d848a9d39d9e86b85b1d1b71616b7",
  "service_id": "SU1Z0isxPaozGVXdv0eY",
  "version": "1",
}

GET /service/ service_id /version/ version /generated_vcl/content

Display the content of generated VCL with HTML syntax highlighting

Authentication

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

Request Example

GET /service/SU1Z0isxPaozGVXdv0eY/version/1/generated_vcl/content
Fastly-Key: d3cafb4d4de4beef
Accept: application/json

Response Example

HTTP/1.1 200 OK
POST /service/ service_id /version/ version /vcl

Upload a VCL for a particular service and version

Authentication

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

Request Example

POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/vcl
Fastly-Key: d3cafb4dde4dbee
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 = "8092";
    }

    vcl_recv {
        req.backend = default;
    }

    vcl_hash {
        req.hash += req.url;
        req.hash += req.http.host;
        req.hash += "0";
    }

    main: false,
    name: "test-vcl",
    service_id: "SU1Z0isxPaozGVKXdv0eY",
    version: 1
}
**PUT** /service/ service_id /version/ version /vcl/ name /main

Set the specified VCL as the main

**Authentication**

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

**Request Example**

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/vcl/test-vcl/main
Fastly-Key: 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";
  }
  vcl_recv {
    set req.backend = default;
  }
  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
}
```
Delete the uploaded VCL for a particular service and version

Authentication

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

Request Example

DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/vcl/test-vcl
Fastly-Key: d3cafb4dde4dbeef
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>
<tbody>
<tr>
<td>active</td>
<td>-</td>
<td>Whether this is the active version or not.</td>
</tr>
<tr>
<td>comment</td>
<td>string</td>
<td></td>
</tr>
</tbody>
</table>
### created_at

**string**

Time-stamp (GMT) when the version was created.

### deleted_at

**string**

Time-stamp (GMT) when the version was deleted.

### deployed

**boolean**

Whether or not this version is deployed.

### locked

**boolean**

Whether this version is locked or not. Objects can not be added or edited on locked versions.

### number

**integer**

The number of this version.

### service_id

**string**

The alphanumeric string identifying a service.

### staging

**boolean**

Whether or not this version is for staging.

### testing

**boolean**

Whether or not this version is for testing.

### updated_at

**string**

Time-stamp (GMT) when the version was updated.

#### Actions

**GET**

```
/service/ service_id /version
```

List the versions for a particular service.

#### Authentication

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

#### Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/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,
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "staging": null,
    "testing": null,
    "updated_at": "2016-05-09T16:19:09+00:00"
  }
]
```
GET /service/ service_id /version/ number

Get the version for a particular service.

Authentication

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

Request Example

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

Response Example

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

```
{
   "active": true,
   "comment": "",
   "created_at": "2016-05-01T19:40:49+00:00",
   "deleted_at": null,
   "deployed": null,
   "locked": true,
   "number": 1,
   "service_id": "SU1Z0isxPaozGVKXdv0eY",
   "staging": null,
   "testing": null,
   "updated_at": "2016-05-09T16:19:09+00:00"
}
```

GET /service/ service_id /version/ number /validate

Validate the version for a particular service and version.

Authentication

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

Request Example

GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/validate
Fastly-Key: d3cafb4dde4dbef
Accept: application/json

Response Example

HTTP/1.1 200 OK
Content-Type: application/json
POST /service/service_id/version

Create a version for a particular service.

Authentication

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

Request Example

POST /service/SU1Z0isxPaozGVKXdv0eY/version
Fastly-Key: d3cafb4dde4dbee
Accept: application/json

Response Example

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

```json
{
  "number":1,
  "service_id": "SU1Z0isxPaozGVKXdv0eY"
}
```

PUT /service/service_id/version/number

Update a particular version for a particular service.

Authentication

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

Request Example

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

Response Example

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

```json
```
`{  
  "active": null,  
  "comment": "",  
  "created_at": "2016-05-01T19:40:51+00:00",  
  "deleted_at": null,  
  "deployed": true,  
  "locked": false,  
  "number": 1,  
  "service_id": "SU1Z0isxPaozGVKXdvOeY",  
  "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-regenerating-your-api-key) or session cookie (/api/auth).

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdvOeY/version/1/activate
Fastly-Key: d3cafb4dde4dbef
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": "SU1Z0isxPaozGVKXdvOeY",  
  "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-regenerating-your-api-key) or session cookie (/api/auth).

**Request Example**

```plaintext
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/3/deactivate
Fastly-Key: d3cafb4dde4dbee
Accept: application/json
```

**Response Example**

```plaintext
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-regenerating-your-api-key) or session cookie (/api/auth).

**Request Example**

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

**Response Example**

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

{
    "active": false,
    "comment": "",
    "created_at": "2016-05-01T19:40:51+00:00",
    "deleted_at": null,
    "deployed": false,
    "locked": false,
    "number": 2,
```
PUT /service/service_id /version/ number /lock

Locks the specified version.

Authentication

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

Request Example

```plaintext
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/lock
Fastly-Key: d3cafb4dde4dde4dbeef
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></td>
</tr>
<tr>
<td>name</td>
<td>string</td>
<td>Name of the WordPress object.</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-securityfinding-and-managing-your-account-info#finding-and-regenerating-your-api-key](https://docs.fastly.com/api/aio)) or session cookie ([api/auth](https://docs.fastly.com/api/aio#session)) with at least **Engineer** permissions ([guides/user-access-and-control/user-roles-and-how-to-change-them](https://docs.fastly.com/api/aio)).

**Request Example**

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/wordpress
Fastly-Key: d3cafb4dde4db0e
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-securityfinding-and-managing-your-account-info#finding-and-regenerating-your-api-key](https://docs.fastly.com/api/aio)) or session cookie ([api/auth](https://docs.fastly.com/api/aio#session)) with at least **Engineer** permissions ([guides/user-access-and-control/user-roles-and-how-to-change-them](https://docs.fastly.com/api/aio)).

**Request Example**

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/wordpress/testwordpress
Fastly-Key: d3cafb4dde4db0e
Accept: application/json
```
Response Example

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

{
    "comment": "",
    "name": "testwordpress",
    "version": "1",
    "path": "/blog",
    "service_id": "SU1Z0isxPaozGVXdv0eY"
}
```

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

Request Example

```
POST /service/SU1Z0isxPaozGVXdv0eY/version/1/wordpress
Fastly-Key: d3cafb4dde4dbef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=testwordpress&path=/blog
```

Response Example

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

{
    "comment": "",
    "name": "testwordpress",
    "version": "1",
    "path": "/blog",
    "service_id": "SU1Z0isxPaozGVXdv0eY"
}
```

**PUT** /service/service_id/version/version/wordpress/old_name

Update a specified WordPress configuration.

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

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/wordpress/testwordpress
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": "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/find-and-managing-your-account-info#find-and-regenerating-your-api-key](https://docs.fastly.com/api/account-management-and-security/find-and-regenerating-your-api-key) or session cookie ([api/auth](https://docs.fastly.com/api/auth)) with at least [Engineer](https://docs.fastly.com/api/user-access-and-control/user-roles-and-how-to-change-them) permissions ([guides/user-access-and-control/user-roles-and-how-to-change-them](https://docs.fastly.com/api/user-access-and-control/user-roles-and-how-to-change-them)).

Request Example

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

Response Example

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

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

**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></td>
<td>Full path of the URL</td>
</tr>
</tbody>
</table>

Request Example

```bash
curl -X PURGE http://www.example.com/image.jpg
```

Response Example

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

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

**POST** /service/ id /purge_all

Instant Purge everything from a service

Authentication

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

Request Example

```bash
POST /service/SU1Z0isxPaozGVKXdv0eY/purge_all
Fastly-Key: d3cafb4dde4d6eef
Accept: application/json
```
### Instant Purge a particular service of items tagged with a Surrogate Key

**Authentication**


**Request Example**

```plaintext
POST /service/SU1Z0isxPaozGVKXdv0eY/purge/hTE5dRlSBICGPJxJwCH4M
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

**Response Example**

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

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

### Soft Purge an individual URL

**Authentication**

none

**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**

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

**Response Example**

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

{
   "status":"ok",
   "id":"108-1391560174-974124"
}
POST /service/ id /purge/ key

Soft Purge a particular service of items tagged with a key

Authentication

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

Request Example

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

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

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

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

Query Options (Time Range, Sampling Rate, and Regions)

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

**Param: from and to**

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

- Yesterday
- Two weeks ago
- 2/20/2013

Date parsing is performed using the Chronic ruby library; for the most detailed information on exactly what formats are available please visit the gem's GitHub page (https://github.com/mojombo/chronic). Let's see some examples:

```
/stats?from=10+days+ago
```

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

```
/stats?from=10+days+ago
```

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

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

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

It is important to note that the `from` parameter is "inclusive" and the `to` parameter is "exclusive". This means that we will return only rows with recorded times that match the following inequality:

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

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

**Param: `by`**

The `by` parameter allows you to control the sampling rate used to produce the result set from querying the Stats API. There are three values that can be set:

- **minute** - Stats will be sampled by minute for each recorded minute in the specified window
- **hour** - Sample by hour within the specified window
- **day** - Sample by day within the specified window

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

Each value for the `by` parameter has associated defaults for the `to` and `from` parameters if they are omitted, here's an overview:

<table>
<thead>
<tr>
<th>Query</th>
<th>Default Parameters</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>/stats</code></td>
<td>By day, from 1 month ago, to now</td>
</tr>
<tr>
<td><code>/stats?by=hour</code></td>
<td>By hour, from 1 day ago, to now</td>
</tr>
<tr>
<td><code>/stats?by=minute</code></td>
<td>By minute, from 30 minutes ago, to now</td>
</tr>
</tbody>
</table>

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=europa
```

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).

**Stats Fields**

We collect many different stats fields when processing your requests. Some of the stats endpoints detailed below allow you to specify particular fields. These are the major fields we support:
- **requests** - Number of requests processed
- **hits** - Number of cache hits
- **hits_time** - Amount of time spent processing cache hits (in seconds)
- **miss** - Number of cache misses
- **miss_time** - Amount of time spent processing cache misses (in seconds)
- **pass** - Number of requests that passed through the CDN without being cached
- **errors** - Number of cache errors
- **hit_ratio** - Ratio of cache hits to cache misses (between 0 and 1)
- **bandwidth** - Total bytes delivered (\(\text{body}\_\text{size} + \text{header}\_\text{size}\))
- **body\_size** - Total body bytes delivered
- **header\_size** - Total header bytes delivered

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

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

We also provide specialized HTTP response code tally fields:

- **status\_200** - Number of responses sent with status code 200 (Success)
- **status\_204** - 204 (No Content)
- **status\_301** - 301 (Moved Permanently)
- **status\_302** - 302 (Found)
- **status\_304** - 304 (Not Modified)
- **status\_503** - 503 (Service Unavailable)
- **status\_1xx** - Number of "Informational" category status codes delivered
- **status\_2xx** - "Success" status codes delivered
- **status\_3xx** - "Redirection" codes delivered
- **status\_4xx** - "Client Error" codes delivered
- **status\_5xx** - "Server Error" codes delivered

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

### Response Format

To make it easier to understand how a query is being processed we use a specific JSON response format. Here is an example:
/stats?from=1+day+ago

```
{
  "status": "success",
  "meta": {
    "to": "Thu May 16 20:08:35 UTC 2013",
    "from": "Wed May 15 20:08:35 UTC 2013",
    "by": "day",
    "region": "all"
  },
  "msg": null,
  "data": [ ... ]
}
```

Each of the fields denotes the following:

- **status** - Whether or not we were able to successfully execute the query
- **meta** - Meta information about the scope of the query in a human readable format
- **msg** - If the query was not successful this will provide a string that explains why
- **data** - This contains the actual results of the query that we processed

**Availability of Data**

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

1. Minutely data will be delayed by roughly 10 to 15 minutes from the current time
2. Hourly data will be delayed by the same amount, and the current hour will return a partial result (because the hour has not finished but we are incrementally aggregating data)
3. Daily data works similarly to hourly data and the current day will also represent a partial result

**API Reference**

**GET**  /stats

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

Request Example

```
Fastly-Key: d3cafb4dce4dbef
Accept: application/json
GET /stats?from=1+day+ago
```

Response Example

```
HTTP/1.1 200 OK
Content-Type: application/json
```
{  
  "status": "success",  
  "meta": {    
    "to": "Thu May 16 20:08:35 UTC 2013",    
    "from": "Wed May 15 20:08:35 UTC 2013",    
    "by": "day",    
    "region": "all"  
  },  
  "msg": null,  
  "data": {    
    "6ElZZvtumbwtLBDJvFwepx": [    
      {        
        "requests": "1925645",        
        "miss_time": "55.153864891000005",        
        "start_time": "1368662400",        
        "service_id": "6ElZZvtumbwtLBDJvFwepx",        
        "bandwidth": "176544526854",        
        "hits": "1902348",        
        "miss": "8354",        
        "body_size": "175900019026",        
        "pass": "4212",        
        "header_size": "644507828",        
        "status_200": "1208426",        
        "status_204": "0",        
        "status_301": "0",        
        "status_302": "0",        
        "status_304": "0",        
        "errors": "8418",        
        "hit_ratio": "0.9956",        
        "status_1xx": "0",        
        "status_2xx": "1208426",        
        "status_3xx": "0",        
        "status_4xx": "708801",        
        "status_503": "8418",        
        "pipe": "0",        
        "status_5xx": "8418",        
        "uncacheable": "0"      
    },    
    "5oYej0l0heMydtjaVPOq4z": [    
      {        
        "requests": "751",        
        "miss_time": "1.198163271",        
        "start_time": "1368662400",        
        "service_id": "5oYej0l0heMydtjaVPOq4z",        
        "bandwidth": "1159652",        
        "hits": "743",        
        "miss": "8",        
        "body_size": "721082",        
        "pass": "0",        
        "header_size": "438570",        
        "status_200": "580",        
        "status_204": "0",        
        "status_301": "2",        
        "status_302": "0",        
        "status_304": "169",        
        "errors": "0",        
        "hit_ratio": "0.9893",        
        "status_1xx": "0",        
        "status_2xx": "580",        
        "status_3xx": "171"      
    ]  
  }
}
GET /stats/field/ field

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

Request Example

```
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
GET /stats/field/hit_ratio?from=6+hours+ago&to=3+hours+ago&by=hour
```

Response Example

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

{
    "status": "success",
    "meta": {
        "to": "Thu May 16 17:13:03 UTC 2013",
        "from": "Thu May 16 14:13:03 UTC 2013",
        "by": "hour",
        "region": "all"
    },
    "msg": null,
    "data": {
        "6ElZZvtumbwtLBDJvFwepx": [
            {
                "service_id": "6ElZZvtumbwtLBDJvFwepx",
                "start_time": "1368716400",
                "hit_ratio": "0.0000"
            },
            {
                "service_id": "6ElZZvtumbwtLBDJvFwepx",
                "start_time": "1368720000",
                "hit_ratio": "0.9769"
            },
            {
                "service_id": "6ElZZvtumbwtLBDJvFwepx",
                "start_time": "1368723600",
                "hit_ratio": "0.9944"
            }
        ],
        "5oYej0l0heMydtjaVPOq4z": [
            {
                "service_id": "5oYej0l0heMydtjaVPOq4z",
                "start_time": "1368716400",
                "hit_ratio": "0.9857"
            },
            {
                "service_id": "5oYej0l0heMydtjaVPOq4z",
                "start_time": "1368720000",
                "hit_ratio": "0.9976"
            },
            {
                "service_id": "5oYej0l0heMydtjaVPOq4z",
                "start_time": "1368723600",
                "hit_ratio": "0.9944"
            }
        ]
    }
}
```
GET /stats/aggregate

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

Request Example

Fastly-Key: d3cafb4dde4ddebeef
Accept: application/json

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

Response Example

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

```json
{
    "status": "success",
    "meta": {
        "to": "Thu May 16 20:29:37 UTC 2013",
        "from": "Tue May 14 20:29:37 UTC 2013",
        "by": "day",
        "region": "all"
    },
    "msg": null,
    "data": [
        {
            "requests": "7022557",
            "miss_time": "43342.54711368301",
            "start_time": "1368576000",
            "bandwidth": "33656143431",
            "hits": "1851903",
            "hits_time": "284.90881923000006",
            "miss": "74773",
            "body_size": "31118762171",
            "pass": "5076669",
            "header_size": "2537381260",
            "status_200": "6959769",
            "status_204": "0",
            "status_301": "3093",
            "status_302": "60",
            "status_304": "14135",
            "errors": "21642",
            "hit_ratio": "0.9612",
            "status_1xx": "0",
            "status_2xx": "6959769",
```
GET /stats/service/ service_id

Fetches historical stats for a given service.

Request Example

Fastly-Key: d3cafb4dde4dbef
Accept: application/json

GET /stats/service/ljlmtnncwA0KC3TBGD0X?from=40+minutes+ago&to=38+minutes+ago&by=minute

Response Example

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

{
  "status": "success",
  "meta": {
    "to": "Thu May 16 19:57:24 UTC 2013",
    "from": "Thu May 16 19:55:24 UTC 2013",
  }
}
"by": "minute",
"region": "all",
"msg": null,
"data": [ { "requests": "21",
  "miss_time": "0",
  "start_time": "1368734160",
  "service_id": "1jlmtMz1ncwA0KC3TBGD0X",
  "bandwidth": "160238",
  "hits": "0",
  "hits_time": "0",
  "miss": "0",
  "body_size": "150948",
  "pass": "19",
  "header_size": "9290",
  "status_200": "14",
  "status_204": "0",
  "status_301": "2",
  "status_302": "0",
  "status_304": "0",
  "errors": "0",
  "hit_ratio": null,
  "status_1xx": "0",
  "status_2xx": "14",
  "status_3xx": "2",
  "status_4xx": "5",
  "status_503": "0",
  "pipe": "0",
  "status_5xx": "0",
  "uncacheable": "0"
} ],
{ "requests": "20",
  "miss_time": "0",
  "start_time": "1368734220",
  "service_id": "1jlmtMz1ncwA0KC3TBGD0X",
  "bandwidth": "156504",
  "hits": "0",
  "hits_time": "0",
  "miss": "0",
  "body_size": "147806",
  "pass": "17",
  "header_size": "8698",
  "status_200": "12",
  "status_204": "0",
  "status_301": "3",
  "status_302": "0",
  "status_304": "0",
  "errors": "0",
  "hit_ratio": null,
  "status_1xx": "0",
  "status_2xx": "12",
  "status_3xx": "3",
  "status_4xx": "5",
  "status_503": "0",
  "pipe": "0",
  "status_5xx": "0",
  "uncacheable": "0"
} ]}
GET /stats/service/ service_id /field/ field

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

Request Example

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

GET /stats/service/1jlmtMz1ncwA0KC3TBGD0X/field/bandwidth?from=2+days+ago
```

Response Example

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

{
   "status": "success",
   "meta": {
      "to": "Thu May 16 20:39:09 UTC 2013",
      "from": "Tue May 14 20:39:09 UTC 2013",
      "by": "day",
      "region": "all"
   },
   "msg": null,
   "data": [
      {
         "service_id": "1jlmtMz1ncwA0KC3TBGD0X",
         "start_time": "1368576000",
         "bandwidth": "376983356"
      },
      {
         "service_id": "1jlmtMz1ncwA0KC3TBGD0X",
         "start_time": "1368662400",
         "bandwidth": "322029360"
      }
   ]
}
```

GET /stats/usage

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

Request Example

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

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

Response Example

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

{
}
```
GET /stats/usage_by_service

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

Request Example

Fastly-Key: d3cafb4d9d45beef  
Accept: application/json

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

Response Example

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

{
   "status": "success",
   "meta": {
      "to": "Fri Mar 01 12:00:00 UTC 2013",
      "from": "Fri Feb 01 12:00:00 UTC 2013",
      "by": "day",
      "region": "all"
   },
   "msg": null,
   "data": {
      "apac": {
         "1iPMGAF44YgzB7sINv4KTF": {
            "requests": "163546563",
            "bandwidth": "10735282284"
         },
         "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.

Request Example

```
Fastly-Key: d3cafb4d4de4d4beef
Accept: application/json
GET /stats/regions
```

Response Example

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

{}
```

"7mai6mbwRz0JXxhAY8ZS2": {
    "requests": "3",
    "bandwidth": "1305"
},
"ausnz": {
    "lPMGAF44YgB7sINv4KTF": {
        "requests": "101120",
        "bandwidth": "1735577606"
    },
    "7mai6mbwRz0JXxhAY8ZS2": {
        "requests": "93294",
        "bandwidth": "38109995"
    }
},
"usa": {
    "lPMGAF44YgB7sINv4KTF": {
        "requests": "1109033",
        "bandwidth": "2164201706"
    },
    "7mai6mbwRz0JXxhAY8ZS2": {
        "requests": "348175",
        "bandwidth": "173135847"
    }
},
"europe": {
    "lPMGAF44YgB7sINv4KTF": {
        "requests": "567583",
        "bandwidth": "14813592344"
    },
    "7mai6mbwRz0JXxhAY8ZS2": {
        "requests": "260025",
        "bandwidth": "110928988"
    }
}
Remote Logging (/api/logging)

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></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></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>
**Actions**

**GET** /service/service_id/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: d3cafb4dde4dbeef
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",
    "port": "514",
    "response_condition": "",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
```
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: d3cafb4dde4dbeef
Accept: application/json

Response Example

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

"address": "example.com",
"created_at": "2016-05-17T18:29:00+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",
"port": "514",
"response_condition": "",
"service_id": "SU1Z0isxPaozGVKXdv0eY",
"timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
"updated_at": "2016-05-17T18:29:00+00:00",
"user": "anonymous",
"version": "1"

POST /service/ service_id /version/ version /logging/ftp

Create a FTP for a particular service and version

Authentication
none

Request Example
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/ftp
Fastly-Key: d3cafb4dde4dbee
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",
"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

Request Example

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

name=updated-test-ftp

Response Example

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

"address": "example.com",
"created_at": "2016-05-17T18:27:29+00:00"
DELETE /service/service_id/version/logging/ftp/name

Delete the FTP for a particular service and version

Authentication
none

Request Example

DELETE /service/SU1Z0isxPaozGVXdv0eY/version/1/logging/ftp/test-ftp
Fastly-Key: d3cafb4dde4dbeef
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>Parameter</td>
<td>Type</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------</td>
<td>--------</td>
<td>-----------------------------------------------------------------------------</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 (defaults to &quot;%h %l %u %t &quot;%r&quot; %&gt;s %b)).</td>
</tr>
<tr>
<td>format_version</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>The name of the GCS logging endpoint. Used as a primary key for API access.</td>
</tr>
<tr>
<td>name</td>
<td>string</td>
<td>The name of the GCS logging endpoint. Used as a primary key for API access.</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>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: d3caf4dde4dbee
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",
  "response_condition": "",
  "secret_key": "BEGIN PRIVATE KEY
MIIEvgIBADANBgkqhkiG9w0BAQEFAE homoern...85acIeHCCytI1+t5C3Em/jPsQPtLzwh26lNZfOwJS5sDRibXgu/uAnSd1IjMxCMV94VoQv1c7y5...END PRIVATE KEY",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000",
  "updated_at": "2016-05-17T20:23:15+00:00",
  "user": null,
  "version": "1"
}

GET /service/service_id/version/version/logging/gcs/name

Get the GCS Logging for a particular service and version

Authentication

none
POST /service/service_id /version/ version /logging/gcs

Create GCS Logging for a particular service and version

Authentication

none

Request Example
POST /service/SU1Z0ispx0zGVXdv0eY/version/1/logging/gcs

Fastly-Key: d3caf4d2d64eef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=my_gcs_logging&bucket_name=my_log_bucket&access_key=1447182772-deadbeef479374nnphvhodh4nlp@developer.gserviceaccount.com&secret_key=BEGIN PRIVATE KEY=


Response Example

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

"bucket_name": "my_log_bucket",
"created_at": "2016-05-17T23:13:00+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",
"response_condition": "",
"secret_key": "BEGIN PRIVATE KEY=


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

Update the GCS for a particular service and version

Authentication
none

Request Example

```bash
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/gcs/my_gcs_logging

Fastly-Key: d3cafb4dde4dbeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=my_new_gcs_name
```

Response Example

```json
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
...

END PRIVATE KEY-----
```

https://docs.fastly.com/api/aio
DELETE /service/ service_id /version/ version /logging/gcs/ name

Delete the GCS Logging for a particular service and version

Authentication

none

Request Example

DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/gcs/my_gcs_logging
Fastly-Key: d3cafb4dde4dbeef
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>string</td>
<td></td>
</tr>
<tr>
<td>name</td>
<td>string</td>
<td>The name of the logentries rule.</td>
</tr>
<tr>
<td>port</td>
<td>integer</td>
<td>The port number.</td>
</tr>
</tbody>
</table>
response_condition  string  When to execute the logentry. If empty, always execute.

service_id  string  The alphanumeric string indentifying a service.

token  string  Use token based authentication (https://logentries.com/doc/input-token/).

updated_at  string  Time-stamp (GMT) when the endpoint was updated.

use_tls  boolean  Whether to use TLS for secure logging.

version  integer  The current version of a service.

Actions

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

List all of the Logentries for a particular service and version

Authentication

none

Request Example

GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logentries
Fastly-Key: d3cafb4dde4beb69
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 %i %u %t "%r" %>s %b",
    "format_version": "1",
    "name": "test-logentries",
    "port": "5140",
    "response_condition": ",",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "token": "790545ca-a792-4166-be69-970d1308512d",
    "updated_at": "2016-05-18T18:23:29+00:00",
    "use_tls": "0",
    "version": "1"
  }
]
POST /service/SU1Z0iszPaozGVKXdv0eY/version/1/logging/logentries

Create a Logentry for a particular service and version

Authentication

none

Request Example

POST /service/SU1Z0iszPaozGVKXdv0eY/version/1/logging/logentries
Fastly-Key: d3cafb4dde4dbee
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",
"port": "5140",
"response_condition": "",
"service_id": "SU1Z0iszPaozGVKXdv0eY",
"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

Request Example

PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1(logging/logentries/test-logentries
Fastly-Key: d3cafb4dde4dde4dbee
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=updated-test-logentries

Response Example

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

"created_at": "2016-05-18T18:23:29+00:00",
"deleted_at": null,
"format": "%h %l %u %t "%r" %>s %b",
"format_version": "1",
"name": "updated-test-logentries",
"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

DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1(logging/logentries/test-logentries
Fastly-Key: d3cafb4dde4dde4dbee
Accept: application/json

Response Example
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>
<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>string</td>
<td></td>
</tr>
<tr>
<td>name</td>
<td>string</td>
<td>The name of the papertrail rule.</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/SU1Z0isxFaozGVXvdOeY/version/1/logging/papertrail
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: d3cafb4dde4dbbeef
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",
    "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: d3cafb4dde4dbee
Content-Type: application/x-www-form-urlencoded
Accept: application/json
name=test-papertrail&address=example.com

Response Example

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

"address": "example.com",
"created_at": "2016-05-18T18:51:50+00:00",
"deleted_at": null,
"format": "%h %l %u %t "%r" %>s %b",
"format_version": "1",
"hostname": "example.com",
"name": "test-papertrail",
"port": "5140",
"response_condition": "",
"service_id": "SU1Z0isxPaozGVKXdv0eY",
"updated_at": "2016-05-18T18:51:50+00:00",
"version": "1"

PUT /service/service_id/version/version/logging/papertrail/old_name

Update the Papertrail for a particular service and version

Authentication

none

Request Example

PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/papertrail/test-papertrail
Fastly-Key: d3cafb4dde4dbee
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
DELETE  /service/ service_id /version/ 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"
}

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

**Actions**

```plaintext
GET /service/service_id/version/version/logging/s3/ name
```

Get the S3 for a particular service and version

**Authentication**

none

**Request Example**

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

**Response Example**

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

{
  "name": "test-s3",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "bucket_name": "my_corporate_bucket",
  "access_key": "AKIAIOSFODNN7EXAMPLE",
  "secret_key": "wJalrXUtnFEMI/K7MDENG/bPxRfiCYEXAMPLEKEY",
  "path": "",
  "domain": "example.com",
  "response_condition": "",
  "format": "%h %l %u %t "%r" %>s %b",
  "timestamp_format": "%Y-%m-%dT%H:%M:%S.000"
}
```

```plaintext
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/SU1Z0isxPaozGVKKXdv0eY/version/1/logging/s3
Fastly-Key: d3cafb4dde4db6ef
Accept: application/json
```

Response Example

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

[  
  {  
    "name": "test-s3",  
    "service_id": "SU1Z0isxPaozGVKXdv0eY",  
    "version": "1",  
    "bucket_name": "my_corporate_bucket",  
    "access_key": "AKIAIOSFODNN7EXAMPLE",  
    "secret_key": "wJalrXUtnFEMI/K7MDENG/bPxRfiCYEXAMPLEKEY",  
    "path": ","  
    "domain": "example.com",  
    "response_condition": ","  
    "format": "%h %l %u %t ""%r" ""%s %b",  
    "timestamp_format": "%Y-%m-%dT%H:%M:%S.000"  
  }  
]
```

**POST** /service/service_id/version/version/logging/s3

Create a S3 for a particular service and version

Authentication
none

Request Example

```
POST /service/SU1Z0isxPaozGVKKXdv0eY/version/1/logging/s3
Fastly-Key: d3cafb4dde4db6ef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=test-s3&bucket_name=my_corporate_bucket&access_key=AKIAIOSFODNN7EXAMPLE&secret_key=wJalrXUtnFEMI/K7MDENG/bPxRfiCYEXAMPLEKEY
```

Response Example

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

{  
}
```
DELETE /service/service_id/version/version/logging/s3/name

Delete the S3 for a particular service and version

Authentication

none

Request Example

DELETE /service/SU1Z0iszPaozGVXdv0eY/version/1/logging/s3/test-s3
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json

Response Example

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

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

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

Update the S3 for a particular service and version

Authentication

none

Request Example

PUT /service/SU1Z0iszPaozGVXdv0eY/version/1/logging/s3/test-s3
Fastly-Key: d3cafb4dde4dbeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=updated-s3

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

```json
{
    "name": "updated-s3",
    "service_id": "SU1Z0isxFaozGVXdv0eY",
    "version": "1",
    "bucket_name": "my_corporate_bucket",
    "access_key": "AKIAIOSFODNN7EXAMPLE",
    "secret_key": "wJalrXUtnFEMI/K7MDENG/bPxRfiCYEXAMPLEKEY",
    "path": 
    "domain": "example.com",
    "response_condition": "",
    "format": "%h %l %u %t \"%r\" %>s %b",
    "timestamp_format": "%Y-%m-%dT%H:%M:%S.000"
}
```

## Sumologic

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

### Fields

<table>
<thead>
<tr>
<th>field</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>name</td>
<td>-</td>
<td>The name of the sumologic rule.</td>
</tr>
<tr>
<td>address</td>
<td>-</td>
<td>An IPv4, IPv6 or hostname address.</td>
</tr>
<tr>
<td>url</td>
<td>-</td>
<td>The URL to POST to.</td>
</tr>
<tr>
<td>format</td>
<td>-</td>
<td>Apache style log formatting.</td>
</tr>
<tr>
<td>response_condition</td>
<td>-</td>
<td>When to execute the sumologic. If empty, always execute.</td>
</tr>
</tbody>
</table>

### Actions

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

Get the Sumologic for a particular service and version

**Authentication**

none

**Request Example**

```
GET /service/SU1Z0isxFaozGVXdv0eY/version/1/logging/sumologic/test-sumologic
Fastly-Key: d3cafbdde4dbeef
Accept: application/json
```

**Response Example**

https://docs.fastly.com/api/aio
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: d3cafb4dde4dbeef
Accept: application/json

Response Example

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

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

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

Create a Sumologic for a particular service and version

Authentication
none

Request Example

POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/sumologic
Fastly-Key: d3cafb4dde4dbeef
Content-Type: application/x-www-form-urlencoded
DELETE /service/service_id/version/version/logging/sumologic/name

Delete the Sumologic for a particular service and version

Authentication

none

Request Example

DELETE /service/SU1Z0isxPaozGVXd0eY/version/1/logging/sumologic/test-sumologic
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json

Response Example

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

{  "status": "ok" }

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

Update the Sumologic for a particular service and version

Authentication

none

Request Example

PUT /service/SU1Z0isxPaozGVXd0eY/version/1/logging/sumologic/test-sumologic
Fastly-Key: d3cafb4dde4dbee
Content-Type: application/x-www-form-urlencoded
### 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>name</td>
<td>-</td>
<td>The name of the syslog rule.</td>
</tr>
<tr>
<td>address</td>
<td>-</td>
<td>An IPv4, IPv6 or hostname address.</td>
</tr>
<tr>
<td>port</td>
<td>-</td>
<td>The port number.</td>
</tr>
<tr>
<td>use_tls</td>
<td>-</td>
<td>Whether to use TLS for secure logging.</td>
</tr>
<tr>
<td>tls_ca_cert</td>
<td>-</td>
<td>A secure certificate to authenticate the server with.</td>
</tr>
<tr>
<td>token</td>
<td>-</td>
<td>Whether to prepend each message with a specific token.</td>
</tr>
<tr>
<td>format</td>
<td>-</td>
<td>Apache style log formatting.</td>
</tr>
<tr>
<td>response_condition</td>
<td>-</td>
<td>When to execute the syslog. If empty, always execute.</td>
</tr>
</tbody>
</table>

#### Actions

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

Get the Syslog for a particular service and version

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

Request Example

```plaintext
GET /service/SU1Z0isxPaozGVXdv0eY/version/1/syslog/test-syslog
Fastly-Key: d3cafb4dde4beef
Accept: application/json
```

Response Example

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

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

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

List all of the Syslogs for a particular service and version

Authentication

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

Request Example

```plaintext
GET /service/SU1Z0isxPaozGVXdv0eY/version/1/syslog
Fastly-Key: d3cafb4dde4beef
Accept: application/json
```

Response Example

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

[
  {
    "name": "test-syslog",
    "service_id": "SU1Z0isxPaozGVXdv0eY",
  }
]```
POST /service/service_id/version/syslog

Create a Syslog for a particular service and version

Authentication

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

Request Example

POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/syslog
Fastly-Key: d3cafb4dde4dbee
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

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

DELETE /service/service_id/version/syslog/name
Delete the Syslog for a particular service and version

Authentication

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

Request Example

```
DELETE /service/SU1Z0isxPaozGVXdv0eY/version/1/syslog/test-syslog
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

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

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

Request Example

```
PUT /service/SU1Z0isxPaozGVXdv0eY/version/1/syslog/test-syslog
Fastly-Key: d3cafb4dde4dbeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=updated-syslog
```

Response Example

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

{
    "name": "updated-syslog",
    "service_id": "SU1Z0isxPaozGVXdv0eY",
    "version": "1",
    "address": "example.com",
    "hostname": "example.com",
    "port": "514",
    "ipv4": "127.0.0.1",
    "use_tls": "0",
    "other": "false"
}
```
Utilities (/api/tools)

Content

Fastly makes it possible to see which version of a particular url is cached on each edge server.

Actions

**GET** /content/edge_check

Retrieve headers and MD5 hash of the content for a particular url from each Fastly edge server

Authentication

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

Parameters

<table>
<thead>
<tr>
<th>parameter</th>
<th>type</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>url</td>
<td>full URL (host and path) to check on all nodes. if protocol is omitted, http will be assumed</td>
<td></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

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

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

Gets all documentation relating to a given 'Subject'

Authentication
none

Request Example

GET /docs/subject/:subject

Response Example

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

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

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>invert</td>
<td>boolean</td>
<td>boolean used 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

[ 

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

Public Ip List

Actions

**GET** /public-ip-list

List public IP addresses for Fastly network

Authentication

none

Request Example

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

Response Example

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

```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",
]
}