Fastly API Docs

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API (/api/)

Account (/api/account)

(/api/account#billing) Billing

Get information on current and past bills.

Fields

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

Actions

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

Get the invoice for a given year and month.

Authentication

key_or_billing

Parameters

Request Example

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

Response Example

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

```
  "invoice_id": "6xgTD77CFjVsa958dxMRIx",
  "start_time": "2012-01-01T00:00:00Z",
  "end_time": "2012-01-31T23:59:59Z",
  "status": {
      "status": "Outstanding",
      "sent_at": "2012-02-01T00:26:07+00:00"
  },
  "total": {
      "plan_name": "friends",
      "plan_code": "friends",
      "plan_minimum": 0.0,
      "bandwidth": 149.4003043212,
      "bandwidth_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": 220.52375461854399,
      "discount": 54.653411296675401,
      "cost": 100.0,
      "terms": "Net15"
  },
  "regions": {
      "europe": {
          "requests": {
              "tiers": [
                  {
                      "units": 0.0,
                      "price": 0.012,
                      "total": 0.0,
                      "name": "per 10,000 HTTPS requests"
                  },
                  {
                      "units": 221.9924,
                      "price": 0.0089999999999999993,
                      "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": 0.01,
                        "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": 16.787998864464502,
                        "name": "first 10TB"
                    }
                ],
                "total": 16.787998864464502
            }
        }
    },
    "services": {
        "CI2LkXSZslPkSEUkCxgt3": {
            "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
            }
        },
        "1jlmtMz1ncwA0KC3TBGD0X": {
            "europe": {
                "requests": 59316.0,
                "ssl_requests": 0.0,
                "bandwidth": 0.24078979436308101
            },
            "australia": {
                "requests": 0.0,
                "ssl_requests": 0.0,
                "bandwidth": 0.0
            },
            "name": "app",
            "usa": {
                "requests": 662713.0,
                "ssl_requests": 0.0,
                "bandwidth": 4.8184103155508602
            },
            "asia": {
                "requests": 0.0,
                "ssl_requests": 0.0,
                "bandwidth": 0.0
            }
        }
    }
```

(/api/account#customer) Customer

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

Fields

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

Actions

GET /current_customer

Get the logged in customer

Authentication

key

Parameters

Request Example

```
GET /current_customer
```

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":"hTE5dRlSBICGPJxJwCH4M",
  "can_configure_wordpress":null,
  "updated_at":"2012-06-16T20:50:45+00:00",
  "created_at":"2008-06-16T05:25:30+00:00",
  "can_reset_passwords":true,
  "pricing_plan":"customer",
  "billing_contact_id":null
}
```

GET /customer/ **id**

Get a specific customer

Authentication

session

Parameters

Request Example

```
GET /customer/hTE5dRlSBICGPJxJwCH4M
```

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":"hTE5dRlSBICGPJxJwCH4M",
  "can_configure_wordpress":null,
  "updated_at":"2012-06-16T20:50:45+00:00",
  "created_at":"2008-06-16T05:25:30+00:00",
  "can_reset_passwords":true,
  "pricing_plan":"customer",
  "billing_contact_id":null
}
```

PUT /customer/ **id**

Update a customer

Authentication

session

Parameters

Request Example

```
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":"hTE5dRlSBICGPJxJwCH4M",
  "can_configure_wordpress":null,
  "updated_at":"2012-06-16T20:50:45+00:00",
  "created_at":"2008-06-16T05:25:30+00:00",
  "can_reset_passwords":true,
  "pricing_plan":"customer",
  "billing_contact_id":null
}
```

GET /customer/ **id** /users

List all users from a specified customer id

Authentication

session

Parameters

Request Example

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

Response Example

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

```
[
  {
    "login":"johnowner@website.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":"nb35eRl123CGPJxJwCH4g",
    "email_hash":"hTE5dRlSBICGPJxJwCH4M"
  }
]
```

DELETE /customer/ **id**

Delete a customer

Authentication

session

Parameters

Request Example

```
DELETE /customer/4mp6jxt8Z5b4be5jIhXz0O
```

Response Example

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

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

(/api/account#event_log) Event Log

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

Fields

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

Actions

GET /event_log/ **id**

Get the specified event log

Authentication

key_or_engineer

Parameters

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

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"
  }
]
```

(/api/account#invitation) Invitation

Fields

Actions

GET /invitation

Get all invitations created by the customer

Authentication

session

Parameters

Request Example

```
GET /invitation
```

Response Example

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

```
[
  {
    "id":89j4t7s98e4e7tsjeg5s45h
    "email":"john@website.com",
    "status_code":1
  },
  {
    "id":g944td0dfeeextx1xg5x25x
    "email":"bob@website.com",
    "status_code":0
    "status_code":0
    "status_code":0
    "status_code":0
  },
  ...
]
```

POST /invitation

Create a new invitation and email it to the recipient.

Authentication

session

Parameters

Request Example

```
POST /invitation
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

```
{
  "id":89j4t7s98e4e7tsjeg5s45h
  "email":"john@website.com",
  "status_code":1
    "status_code":0
    "status_code":0
    "status_code":0
},
```

PUT /invitation/ **id** /cancel

Cancel an open invitation

Authentication

session

Parameters

Request Example

```
PUT /invitation/:id/cancel
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

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

(/api/account#pricing_extras) Pricing Extras

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

Fields

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

Actions

GET /customer/ **customer_id** /pricing_extra

Get all the pricing extras for a customer

Authentication

key

Parameters

Request Example

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

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"
  },
  {
      "comment": null,
      "customer_id": "hTE5dRlSBICGPJxJwCH4M",
      "name": "Platinum Support",
      "setup": "",
      "deleted_at": null,
      "recurring": "100.0",
      "created_at": "2012-03-21T15:35:28-07:00"
  }
```

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

Get an individual pricing extra for a customer

Authentication

key

Parameters

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"
```

(/api/account#user) User

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

Fields

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

Actions

POST /current_user/password

Update the user's password to a new one

Authentication

session

Parameters

Request Example

```
POST  /current_user/password/newpwd
```

Response Example

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

```
{
  "login":"johnowner@website.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"
}
```

GET /current_user

Get the logged in user

Authentication

session

Parameters

Request Example

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

Response Example

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

```
{
  "login":"johnowner@website.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"
}
```

GET /user/ **id**

Get a specific user

Authentication

session

Parameters

Request Example

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

Response Example

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

```
{
  "login":"johnowner@website.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

Parameters

Request Example

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

Response Example

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

```
{
  "login":"johnowner@website.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

Parameters

Request Example

```
PUT /user/x9KzsrACXZv8tPwlEDsKb6
Fastly-Key: d3cafb4dde4dbeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

Response Example

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

```
{
  "login":"johnowner@website.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"
}
```

DELETE /user/ **id**

Delete a user

Authentication

session

Parameters

Request Example

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

Response Example

```
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

Parameters

Request Example

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

Response Example

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

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

Config (/api/config)

(/api/config#backend) Backend

A Backend is an address (ip or domain) from which Fastly pulls content. There can be multiple Backends for a Service.

Fields

- **name** - The name of the Backend.
- **address** - An IPv4, hostname, or IPv6 address for the Backend.
- **port** - The port number.
- **use_ssl** - Whether or not the use SSL to reach the backend.
- **connect_timeout** - How long to wait for a timeout in milliseconds.
- **first_byte_timeout** - How long to wait for the first bytes in milliseconds.
- **between_bytes_timeout** - How long to wait between bytes in milliseconds.
- **error_threshold** - Number of errors to allow before the backend is marked as down.
- **max_conn** - Maximum number of connections.
- **weight** - Weight used to load balance this backend against others.
- **auto_loadbalance** - Whether or not this backend should be automatically load balanced.
- **request_condition** - Condition, which if met, will select this backend during a request.
- **healthcheck** - The Name of the healthcheck to use with this backend. Can be empty.

Actions

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

Get the backend for a particular service and version

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

```
{
  "name": "test-backend",
  "error_threshold": "0",
  "between_bytes_timeout": "10000",
  "connect_timeout": "1000",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "port": "9092",
  "weight": "100",
  "healthcheck": null,
  "client_cert": null,
  "version": "1",
  "first_byte_timeout": "15000",
  "ipv4": "127.0.0.1",
  "hostname": null,
  "ipv6": null,
  "max_conn": "20",
  "use_ssl": "0"
  "address": "hostname"
  "comment": "backend tester"
  "request_condition": ""
  "auto_loadbalance": "false"
}
```

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

Create a backend for a particular service and version

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

```
{
  "name": "test-backend",
  "error_threshold": "0",
  "between_bytes_timeout": "10000",
  "connect_timeout": "1000",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "port": "9092",
  "weight": "100",
  "healthcheck": null,
  "client_cert": null,
  "version": "1",
  "first_byte_timeout": "15000",
  "ipv4": "127.0.0.1",
  "hostname": null,
  "ipv6": null,
  "max_conn": "20",
  "use_ssl": "0"
  "address": "hostname"
  "comment": "backend tester"
  "request_condition": ""
  "auto_loadbalance": "false"
}
```

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

List all backends for a particular service and version

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

```
[
{
  "name": "test-backend",
  "error_threshold": "0",
  "between_bytes_timeout": "10000",
  "connect_timeout": "1000",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "port": "9092",
  "weight": "100",
  "healthcheck": null,
  "client_cert": null,
  "version": "1",
  "first_byte_timeout": "15000",
  "ipv4": "127.0.0.1",
  "hostname": null,
  "ipv6": null,
  "max_conn": "20",
  "use_ssl": "0"
  "address": "hostname"
  "comment": "backend tester"
  "request_condition": ""
  "auto_loadbalance": "false"
}
]
```

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

Delete the backend for a particular service and version

Authentication

key_or_engineer

Parameters

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/backend/test-backend
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** /backend/ **old_name**

Update the backend for a particular service and version

Authentication

key_or_engineer

Parameters

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

Request Example

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

Response Example

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

```
{
  "name": "updated-test-backend",
  "error_threshold": "0",
  "between_bytes_timeout": "10000",
  "connect_timeout": "1000",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "port": "9092",
  "weight": "100",
  "healthcheck": null,
  "client_cert": null,
  "version": "1",
  "first_byte_timeout": "15000",
  "ipv4": "127.0.0.1",
  "hostname": null,
  "ipv6": null,
  "max_conn": "20",
  "use_ssl": "0"
  "address": "hostname"
  "comment": "backend tester"
  "request_condition": ""
  "auto_loadbalance": "false"
}
```

(/api/config#cache_settings) 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

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

Actions

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

Get a specific cache settings object.

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

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

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

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

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

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

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

Create a new cache settings object.

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

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

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

Delete a specific cache settings object.

Authentication

key_or_engineer

Parameters

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/backend/check_all
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** /cache_settings/ **old_name**

Update a specific cache settings object.

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

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

(/api/config#condition) Condition

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

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

Fields

- **name** - Name of the condition.
- **statement** - The statement used to determine if the condition is met.
- **type** - Type of the condition, either "REQUEST" (req), "RESPONSE" (req, resp), or "CACHE" (req, beresp).
- **priority** - Used to determine the priority in which conditions are checked.

Actions

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

Gets the specified condition.

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

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

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

Gets all conditions for a particular service and version.

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

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

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

Creates a new condition.

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

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

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

Deletes the specified condition.

Authentication

key_or_engineer

Parameters

Request Example

```
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"
}
```

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

Updates the specified condition.

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

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

(/api/config#content) Content

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

Fields

Actions

GET /content/edge_check

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

Authentication

none

Parameters

- **url** - full URL (host and path) to check on all nodes. if protocol is omitted, `http` will be assumed

Request Example

```
GET /content/edge_check?url=www.mysite.com/foo/bar
Accept: application/json
```

Response Example

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

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

(/api/config#diff) Diff

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

Fields

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

Actions

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

Get diff between two versions

Authentication

key_or_engineer

Parameters

- **from** - the version to diff from. Can either be a positive number from 1 to your maximum version or a negative number from -1 down (-1 is latest version etc)
- **to** - the version to diff to. Uses same numbering scheme as from
- **format** - optional method to format the diff field. Can either be text (default), html or html_simple

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/diff/from/1/to/2
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

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

(/api/config#director) 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

- **name** - Name for the Director.
- **quorum** - The percentage of capacity that needs to be up for a director to be considered up. Integer, 0 to 100 (default: 75)
- **type** - What type of load balance group to use. Integer, 1 to 4. Values: 1=random, 2=round-robin, 3=hash, 4=client. (default: 1)
- **retries** - How many backends to search if it fails. (default: 5)

Actions

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

Get the director for a particular service and version

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

```
{
  "name": "test-director",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1"
  "type": "1",
  "retries":  "5",
  "quorum": "75",
}
```

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

List the directors for a particular service and version

Authentication

key_or_engineer

Parameters

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/director
Fastly-Key: d3cafb4dde4dbeef
```

```
Accept: application/json
```

Response Example

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

```
[
{
  "name": "test-director",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1"
  "type": "1",
  "retries":  "5",
  "quorum": "75",
}
]
```

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

Create a director for a particular service and version

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

```
{
  "name": "test-director",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1"
  "type": "1",
  "retries":  "5",
  "quorum": "75",
  "capacity", "100"
}
```

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

Delete the director for a particular service and version

Authentication

key_or_engineer

Parameters

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"
}
```

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

Update the director for a particular service and version

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

```
{
  "name": "updated-director",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1"
  "type": "1",
  "retries":  "10",
  "quorum": "75",
}
```

(/api/config#director_backend) 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

- **director** - Name of the director.
- **backend** - Name of the backend to map to the specified director.

Actions

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

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

Authentication

key_or_engineer

Parameters

Request Example

```
GET /service/6N2jxQPVlKfETea4s1yv1z/version/2/director/test/backend/test HTTP/1.1
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

```
{
  "service_id": "6N2jxQPVlKfETea4s1yv1z"
  "version": 2,
  "director": "test",
  "backend": "test",
  "created": "2012-07-14T00:18:25+00:00",
  "updated": "2012-07-14T00:18:25+00:00",
  "deleted": null,
}
```

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

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

Authentication

key_or_engineer

Parameters

Request Example

```
POST /service/6N2jxQPVlKfETea4s1yv1z/version/2/director/test/backend/test HTTP/1.1
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

```
{
  "service_id": "6N2jxQPVlKfETea4s1yv1z"
  "version": 2,
  "director": "test",
  "backend": "test",
  "created": "2012-07-14T00:18:25+00:00",
  "updated": "2012-07-14T00:18:25+00:00",
  "deleted": null,
}
```

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

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

Authentication

key_or_engineer

Parameters

Request Example

```
DELETE /service/6N2jxQPVlKfETea4s1yv1z/version/2/director/test/backend/test HTTP/1.1
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

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

(/api/config#docs) Docs

Documentation of the endpoints that return the Fastly API Documentation.

Fields

Actions

GET /docs

Gets all documentation associated with the Fastly API.

Authentication

none

Parameters

Request Example

```
GET /docs
```

Response Example

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

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

GET /docs/subject/ **endpoint**

Gets all documentation relating to a given 'Subject'

Authentication

none

Parameters

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

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

Request Example

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

Response Example

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

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

(/api/config#domain) Domain

A Domain represents the domain name through which visitors will retrieve content. There can be multiple Domains for a Service.

Fields

- **name** - The domain that this service will respond to
- **comment** - A personal freeform descriptive note

Actions

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

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

Authentication

key_or_engineer

Parameters

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/domain/www.example.com/check
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

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

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

Checks the status of all domain DNS records for a Service Version. Returns an array items in the same format as the single domain /check.

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

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

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

Get the domain for a particular service and version

Authentication

key_or_engineer

Parameters

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/domain/www.example.com
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

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

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

Create a domain for a particular service and version

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

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

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

List the domains for a particular service and version

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

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

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

Delete the domain for a particular service and versions

Authentication

key_or_engineer

Parameters

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/domain/test-domain
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** /domain/ **old_name**

Update the domain for a particular service and version

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

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

(/api/config#header) 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

- **name** - A handle to refer to this Header object

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

Actions

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

Retrieves a Header object by name.

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

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

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

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

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

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

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

Creates a new Header object.

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

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

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

Deletes a Header object by name.

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

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

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

Modifies an existing Header object by name.

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

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

(/api/config#healthcheck) Healthcheck

Healthchecks are used to customize the way Fastly checks on your Backends. Only Backends that have successful Healthchecks will be sent traffic, thus assuring that the failure of one server does not affect visitors.

Fields

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

Actions

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

Get the healthcheck for a particular service and version

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

```
{
  "name": "test-healthcheck",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "method": "HEAD",
  "host": "example.com",
  "path": "/robots.txt",
  "http_version": "1.1",
  "timeout": "0.5",
  "window": "5",
  "threshold": "3",
  "check_interval":"1",
  "expected_response":"200",
  "initial":"2",
  "comment":""
}
```

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

List all of the healthchecks for a particular service and version

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

```
[
{
  "name": "test-healthcheck",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "method": "HEAD",
  "host": "example.com",
  "path": "/robots.txt",
  "http_version": "1.1",
  "timeout": "0.5",
  "window": "5",
  "threshold": "3",
  "check_interval":"1",
  "expected_response":"200",
  "initial":"2",
  "comment":""
}
]
```

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

Create a healthcheck for a particular service and version

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

```
{
  "name": "test-healthcheck",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "method": "HEAD",
  "host": "example.com",
  "path": "/robots.txt",
  "http_version": "1.1",
  "timeout": "0.5",
  "window": "5",
  "threshold": "3",
  "check_interval":"1",
  "expected_response":"200",
  "initial":"2",
  "comment":""
}
```

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

Delete the healthcheck for a particular service and version

Authentication

key_or_engineer

Parameters

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/healthcheck/test-healthcheck
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** /healthcheck/ **old_name**

Update the healthcheck for a particular service and version

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

```
{
  "name": "updated-healthcheck",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "method": "HEAD",
  "host": "example.com",
  "path": "/robots.txt",
  "http_version": "1.1",
  "timeout": "0.5",
  "window": "5",
  "threshold": "3",
  "check_interval":"1",
  "expected_response":"200",
  "initial":"2",
  "comment":""
}
```

(/api/config#request_settings) Request Settings

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

Fields

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

Actions

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

Gets the specified Request Settings object.

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

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

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

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

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

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

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

Creates a new Request Settings object.

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

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

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

Removes the specfied Request Settings object.

Authentication

key_or_engineer

Parameters

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/request_settings/testrequest
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** /request_settings/ **old_name**

Updates the specified Request Settings object.

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

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

(/api/config#response_object) Response Object

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

Fields

- **name** - Name that identifies the Response Object
- **status** - The HTTP Status Code, defaults to 200.
- **response** - The HTTP Response, defaults to "Ok"
- **content** - The content to deliver for the response object, can be empty.

- **content_type** - The MIME type of the content, can be empty.
- **request_condition** - Name of the condition to be checked during the request phase. If the condition passes then this object will be delivered.
- **cache_condition** - Name of the condition checked after we have retrieved an object. If the condition passes then deliver this Request Object instead.

Actions

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

Gets the specified Response Object.

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

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

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

Returns all Response Objects for the specified service and version.

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

```
HTTP/1.1 200 OK
```

```
Content-Type: application/json
```

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

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

Creates a new Response Object.

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

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

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

Deletes the specified Response Object.

Authentication

key_or_engineer

Parameters

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/response_object/testresponse
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

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

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

Updates the specified Response Object.

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

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

(/api/config#service) Service

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

Fields

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

Actions

GET /service

List Services

Authentication

key

Parameters

Request Example

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

Response Example

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

```
[
{
  "id":"SU1Z0isxPaozGVKXdv0eY",
  "name":"test-service",
  "customer_id":"hTE5dRlSBICGPJxJwCH4M",
  "comment":"updating this service",
  "active_version":"2",
  "versions":[
    {
      "number":"1",
      "service_id": "SU1Z0isxPaozGVKXdv0eY",
      "testing":null,
      "staging":null,
      "locked":"0",
      "active":null,
      "deployed":null,
      "deleted_at":null,
      "comment":"no comment",
      "service":"z21h0iBxsaozGVKXdv0xY",
      "updated_at":"2012-06-14T22:32:02",
      "created_at":"2012-06-14T22:32:02"
    },
    ...
  ]
}
]
```

GET /service/ **id** /details

List detailed information on a specified service

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

```
{
  "id":"SU1Z0isxPaozGVKXdv0eY",
  "name":"test-service",
  "customer_id":"hTE5dRlSBICGPJxJwCH4M",
  "comment":"updating this service",
  "updated_at":"2012-06-14T21:20:19+00:00",
  "created_at":"2012-06-14T21:20:19+00:00",
  "publish_key":"xgdbdd93h5066f8d330c276fDe00f9d293abfex7",
  "versions":[
    {
      "number":"1",
      "service_id": "SU1Z0isxPaozGVKXdv0eY",
      "testing":null,
      "staging":null,
      "locked":"0",
      "active":null,
      "deployed":null,
      "deleted_at":null,
      "comment":"no comment",
      "service":"z21h0iBxsaozGVKXdv0xY",
      "updated_at":"2012-06-14T22:32:02",
      "created_at":"2012-06-14T22:32:02",
      "backend":1
    },
    ...
  ]
}
```

GET /service/search

Get a specific service by name

Authentication

key_or_engineer

Parameters

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
```

```
{
  "id":"SU1Z0isxPaozGVKXdv0eY",
  "name":"test-service",
  "customer_id":"hTE5dRlSBICGPJxJwCH4M",
  "comment":"updating this service",
  "versions":[
    {
      "number":"1",
      "backend":[...],
      "service_id": "SU1Z0isxPaozGVKXdv0eY",
      "testing":null,
      "staging":null,
      "locked":"0",
      "active":null,
      "deployed":null,
      "comment":"",
      "updated":"2012-06-14T22:32:02",
      "deleted":"2012-06-14T22:32:02",
      "condition":[...],
      "healthcheck":[...],
      "cache-settings":[...],
      "origin":[...],
      "director":[...],
      "wordpress":[...],
      "vcl":[...],
      "logging_syslog":[...],
      "response_object":[...],
      "ssl":[...],
      "domain":[...],
      "header":[...],
      "match":[...],
      "request_settings":[...],
    }
  ]
}
```

GET /service/ **id**

Get a specific service by id

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

```
{
  "id":"SU1Z0isxPaozGVKXdv0eY",
  "name":"test-service",
  "customer_id":"hTE5dRlSBICGPJxJwCH4M",
  "comment":"updating this service"
  "publish_key":"hTE5dRlSBICGPJxJwCH4M,
  "created_at":"2012-06-14T21:20:19+00:00",
  "updated_at":"2012-06-14T21:20:19+00:00",
  "versions":[
    {
      "number":"1",
      "backend":0,
      "service_id": "SU1Z0isxPaozGVKXdv0eY",
      "testing":null,
      "staging":null,
      "locked":"0",
      "active":null,
      "deployed":null,
      "comment":"",
      "deleted_at":null,
      "service":"z21h0iBxsaozGVKXdv0xY",
      "created_at":"2012-06-14T21:20:19+00:00",
      "updated_at":"2012-06-14T21:20:19+00:00"
    },
    ...
  ]
}
```

POST /service

Create a service

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

```
{
  "id":"SU1Z0isxPaozGVKXdv0eY",
  "name":"test-service",
  "customer_id":"hTE5dRlSBICGPJxJwCH4M",
  "comment":"updating this service"
  "publish_key":"hTE5dRlSBICGPJxJwCH4M,
  "created_at":"2012-06-14T21:20:19+00:00",
  "updated_at":"2012-06-14T21:20:19+00:00",
  "versions":[
    {
      "number":"1",
      "backend":0,
      "service_id": "SU1Z0isxPaozGVKXdv0eY",
      "testing":null,
      "staging":null,
      "locked":"0",
      "active":null,
      "deployed":null,
      "comment":"",
      "deleted_at":null,
      "service":"z21h0iBxsaozGVKXdv0xY",
      "created_at":"2012-06-14T21:20:19+00:00",
      "updated_at":"2012-06-14T21:20:19+00:00"
    }
  ]
}
```

DELETE /service/ **id**

Delete a service

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

```
HTTP/1.1 200 OK
```

```
Content-Type: application/json
```

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

PUT /service/ **id**

Update a service

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

```
{
  "id":"SU1Z0isxPaozGVKXdv0eY",
  "name":"updated-service-name",
  "customer_id":"hTE5dRlSBICGPJxJwCH4M",
  "comment":"updating this service"
  "publish_key":"hTE5dRlSBICGPJxJwCH4M",
  "created_at":"2012-06-14T21:20:19+00:00",
  "updated_at":"2012-06-14T21:20:19+00:00",
  "versions":[
    {
      "number":"1",
      "backend":0,
      "service_id": "SU1Z0isxPaozGVKXdv0eY",
      "testing":null,
      "staging":null,
      "locked":"0",
      "active":null,
      "deployed":null,
      "comment":"",
      "deleted_at":null,
      "service":"z21h0iBxsaozGVKXdv0xY",
      "created_at":"2012-06-14T21:20:19+00:00",
      "updated_at":"2012-06-14T21:20:19+00:00"
    }
  ]
}
```

GET /service/ **id** /domain

List the domains within a service

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

```
[
{
  "name":"domain1",
  "version":"2",
  "service_id":"SU1Z0isxPaozGVKXdv0eY",
  "comment":"the first domain"
}
]
```

(/api/config#settings) Settings

Handles default settings for a particular version of a service.

Fields

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

Actions

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

Get the settings for a particular service and version

Authentication

key_or_engineer

Parameters

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/3/settings
Fastly-Key: d3cafb4dde4dbeef
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.mydomain.com"
}
```

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

Update the settings for a particular service and version

Authentication

key_or_engineer

Parameters

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/3/settings
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

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

(/api/config#stats) Stats

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

Fields

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

Actions

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

Get the stats from a service for a block of time. This call **requires** parameters to select block of time to query. Use either a timestamp range (using **start_time** and **end_time**) or a specified month/year combo (using **month** and **year**)

Authentication

key

Parameters

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/stats/summary?year=2013&month=7
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

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

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

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

Authentication

key

Parameters

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

Request Example

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

Response Example

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

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

(/api/config#vcl) VCL

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

Fields

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

Actions

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

List the uploaded VCLs for a particular service and version

Authentication

key_or_engineer

Parameters

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/vcl?include_content=1
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

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

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

Get the uploaded VCL for a particular service and version

Authentication

key_or_engineer

Parameters

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/vcl/test-vcl?include_content=1
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

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

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

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

Authentication

key_or_engineer

Parameters

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/vcl/test-vcl/content
Fastly-Key: d3cafb4dde4dbeef
```

```
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 = "80";\n  }\n  \n  sub vcl_recv {\n      set req.backend = d
efault;\n  }\n  \n  sub vcl_hash {\n      set req.hash += req.url;\n      set req.hash += req.http.host;\n      set re
q.hash += "0";\n  }\n
```

```
\n"
}
```

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

Download the specified VCL

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

```
{
  "backend default {\n  .host = \"127.0.0.1\";\n  .port = \"9093\";\n}\n\nsub vcl_recv {\n
set req.backend = default;\n}\n\nsub vcl_hash {\n    set req.hash += req.url;\n    set
req.hash += req.http.host;\n    set req.hash += \"0\";\n}"
}
```

GET /service/ **service_id** /version/ **version** /generated_vcl

Display the generated VCL for a particular service and version

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

```
{
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "main": false,
  "name": "test-vcl",
  "content": "backend default {\n  .host = \"127.0.0.1\";\n  .port = \"9093\";\n}\n\nsub
vcl_recv {\n    set req.backend = default;\n}\n\nsub vcl_hash {\n    set req.hash +=
req.url;\n    set req.hash += req.http.host;\n    set req.hash += \"0\";\n}"
}
```

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

Display the content of generated VCL with HTML syntax highlighting

Authentication

key_or_engineer

Parameters

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/generated_vcl/content
Fastly-Key: d3cafb4dde4dbeef
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 = "80";\n  }\n  \n  sub vcl_recv {\n      set req.backend = d
efault;\n  }\n  \n  sub vcl_hash {\n      set req.hash += req.url;\n      set req.hash += req.http.host;\n      set re
q.hash += "0";\n  }\n
\n"
}
```

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

Upload a VCL for a particular service and version

Authentication

key_or_engineer

Parameters

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/vcl
```

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

Response Example

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

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

DELETE /service/ **service_id** /version/ **version** /vcl/ **name**

Delete the uploaded VCL for a particular service and version

Authentication

key_or_engineer

Parameters

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"
}
```

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

Set the specified VCL as the main

Authentication

key_or_engineer

Parameters

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
```

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

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

Update the uploaded VCL for a particular service and version

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

```
{
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "main": true,
  "name": "test-vcl",
  "content": "backend default {\n  .host = \"127.0.0.1\";\n  .port = \"9093\";\n}\n\nsub
vcl_recv {\n    set req.backend = default;\n}\n\nsub vcl_hash {\n    set req.hash +=
req.url;\n    set req.hash += req.http.host;\n    set req.hash += \"0\";\n}"
}
```

(/api/config#version) Version

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

Fields

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

Actions

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

Get the version for a particular service

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

```
{
  "number":2,
  "service_id": "SU1Z0isxPaozGVKXdv0eY"
  "network"{
    "name":"johnnetwork",
    "description":"john's network",
    "available_all":"yes",
    "available_restricted":"no",
    "available_private":"no",
    "customer":"d3cafb4dde4dbeef"
  },
  "comment":"this is a service",
  "testing":"false",
  "staging":"true",
  "deployed":"true",
  "active":"true",
  "locked":"false"
}
```

POST /service/ **service_id** /version

Create a version for a particular service

Authentication

key_or_engineer

Parameters

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version
```

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

Response Example

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

```
{
  "number":2,
  "service_id": "SU1Z0isxPaozGVKXdv0eY"
  "network"{
    "name":"johnnetwork",
    "description":"john's network",
    "available_all":"yes",
    "available_restricted":"no",
    "available_private":"no",
    "customer":"d3cafb4dde4dbeef"
  },
  "comment":"this is a service",
  "testing":"false",
  "staging":"true",
  "deployed":"true",
  "active":"true",
  "locked":"false"
}
```

GET /service/ **service_id** /version

List the versions for a particular service

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

```
[
  {
  "number":2,
  "service_id": "SU1Z0isxPaozGVKXdv0eY"
  "network"{
    "name":"johnnetwork",
    "description":"john's network",
    "available_all":"yes",
    "available_restricted":"no",
    "available_private":"no",
    "customer":"d3cafb4dde4dbeef"
  },
  "comment":"this is a service",
  "testing":"false",
  "staging":"true",
  "deployed":"true",
  "active":"true",
  "locked":"false"
  }
]
```

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

Update a particular version for a particular service

Authentication

key_or_engineer

Parameters

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/2
Fastly-Key: d3cafb4dde4dbeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

Response Example

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

```
{
  "number":2,
  "service_id": "SU1Z0isxPaozGVKXdv0eY"
  "network"{
    "name":"johnnetwork",
    "description":"john's network",
    "available_all":"yes",
    "available_restricted":"no",
    "available_private":"no",
    "customer":"d3cafb4dde4dbeef"
  },
  "comment":"this is a service",
  "testing":"false",
  "staging":"true",
  "deployed":"true",
  "active":"true",
  "locked":"false"
}
```

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

Activate the current version

Authentication

key_or_engineer

Parameters

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/3/activate
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

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

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

Deactivate the current version

Authentication

key_or_engineer

Parameters

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/3/deactivate
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

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

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

Clone the current configuration into a new version

Authentication

key_or_engineer

Parameters

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/2/clone
Fastly-Key: d3cafb4dde4dbeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

Response Example

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

```
{
  "number":3,
  "service_id": "SU1Z0isxPaozGVKXdv0eY"
  "network"{
    "name":"johnnetwork",
    "description":"john's network",
    "available_all":"yes",
    "available_restricted":"no",
    "available_private":"no",
    "customer":"d3cafb4dde4dbeef"
  },
  "comment":"this is a service",
  "testing":"false",
  "staging":"true",
  "deployed":"true",
  "active":"true",
  "locked":"false"
}
```

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

Validate the version for a particular service and version

Authentication

key_or_engineer

Parameters

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/3
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

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

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

Locks the specified version

Authentication

key_or_engineer

Parameters

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/2/clone
Fastly-Key: d3cafb4dde4dbeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json
```

Response Example

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

```
{
  "number":2,
  "service_id": "SU1Z0isxPaozGVKXdv0eY"
  "network"{
    "name":"johnnetwork",
    "description":"john's network",
    "available_all":"yes",
    "available_restricted":"no",
    "available_private":"no",
    "customer":"d3cafb4dde4dbeef"
  },
  "comment":"this is a service",
  "testing":"false",
  "staging":"true",
  "deployed":"true",
  "active":"true",
  "locked":"true"
}
```

(/api/config#wordpress) Wordpress

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

Fields

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

Actions

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

Get information on a specific WordPress.

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

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

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

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

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

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

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

Create a WordPress for the specified service and version.

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

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

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

Delete a specified WordPress.

Authentication

key_or_engineer

Parameters

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"
}
```

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

Update a specified WordPress.

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

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

Purge (/api/purge)

(/api/purge#purge) Purging

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

Fields

Actions

PURGE /*

Instant Purge an individual URL

Authentication

none

Parameters

- ***** - Full path of the URL

Request Example

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

Response Example

```
HTTP/1.1 200 OK
```

```
Content-Type: application/json
```

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

POST /service/ **id** /purge_all

Instant Purge everything from a service

Authentication

key

Parameters

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/purge_all
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
```

Response Example

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

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

POST /service/ **id** /purge/ **key**

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

Authentication

key

Parameters

Request Example

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

Response Example

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

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

PURGE /*

Soft Purge an individual URL

Authentication

none

Parameters

- ***** - Full path of the URL

Request Example

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

Response Example

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

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

POST /service/ **id** /purge/ **key**

Soft Purge a particular service of items tagged with a key

Authentication

key

Parameters

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"
}
```

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:

```
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 (http://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 (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:

```
/stats
```

Defaults to: By day, from 1 month ago, to now

```
/stats?by=hour
```

Defaults to: by hour, from 1 day ago, to now

```
/stats?by=minute
```

Defaults to: by minute, from 30 minutes ago, to now

It is important to remember the following conversions when performing queries:

- 1 day = 24 hours
- 1 hour = 60 minutes
- 1 day = 60 * 24 = 1,440 minutes

When changing the sampling rate via the `by` parameter you can accidentally ask for very large data sets if you have defined `to` and `from` parameters. We will not process exceedingly large queries. Please refer to the Response Format section below for more details.

Param: `region`

The Stats API also allows you to limit the scope of your query by restricting it to a particular region. This is achieved via the use of the `region` parameter. Currently the following regions are supported:

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

Usage is exceedingly simple, let's look at some examples:

```
/stats
```

Returns stats for all regions

```
/stats?region=usa
```

Returns stats for only US POPs

```
/stats?region=europe
```

Returns stats for European POPs only

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

```
GET /stats/regions
```

See the API section below for example output

It is important to note that not all regions are available to all customers at this time. If you need support for a particular region please feel free to contact us via our helpdesk (http://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 ms)
- **miss** - Number of cache misses,
- **miss_time** - Amount of time spent processing cache misses (in ms)
- **pass** - Number of requests that passed through the CDN without being cached,
- **errors** -
- **hit_ratio** - Ratio of cache hits to cache misses (between 0 and 1)
- **bandwidth** - Bandwidth send (in bytes),
- **body_size** - Request body bandwidth sent (in bytes),
- **header_size** - Request header bandwidth sent (in bytes)

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 returned,
- **status_2xx** - "Success" status codes returned,
- **status_3xx** - "Redirection" codes sent,
- **status_4xx** - "Client Error" codes sent,
- **status_5xx** - "Server Error" codes send

For more information on HTTP status code meanings, please refer to "List of HTTP status codes" @ Wikipedia (http://en.wikipedia.org/wiki/List_of_HTTP_status_codes). Important Note: that we have added various fields over time. If you are a long time fastly user some of the fields you request may not be accurate.

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

Rate Limiting & Abuse

Certain queries can take a good deal of time to process with the stats API. Depending on the query parameters different rate limiting is applied to a single key or username/password. All queries that would result in greater than 2800 records are not processed and will return an error. Queries over time windows that occur strictly in the past (i.e. aggregation has been completed and the values will no longer change in the database) can be queried at will. Since different sampling rates aggregate over different periods, changing the `by` parameter of your query can affect whether or not the query can be made at will. In general, requests to the Stats API are not rate-limited under the following conditions:

- `by=minute` is set and `to` is set to a time that is at least 30 minutes behind the current time
- `by=hour` is set and `to` is set to a time that is at least 1 hour and 30 minutes behind the current time
- `by=day` is set and `to` is set to a time at least 1 day behind the current time

Requests that are not exempt from rate limiting are limited based on the result size of the request. Here are the rules we use when rate limiting:

- 1440 <= result size <= 2800 - 1 request / hour
- 720 <= result size < 1440 - 4 request / hour
- 120 <= result size < 720 - 30 requests / hour
- result size < 120 - 100 requests / hour

These limits are subject to change and will be updated as time passes. When a request is rate limited it will be clearly denoted in the `status` and `msg` fields of the response. For more information about response formats see the Response Format section above.

API Reference

GET /stats

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

Request Example

```
Fastly-Key: d3cafb4dde4dbeef
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",
        "hits_time": "520.0779119150006",
        "miss": "8354",
        "body_size": "175900019026",
        "pass": "4212",
        "header_size": "644507828",
        "status_200": "1208426",
        "status_204": "0",
        "status_301": "0",
        "status_302": "0",
        "status_304": "0",
        "errors": "8418",
        "hit_ratio": "0.9956",
        "status_1xx": "0",
        "status_2xx": "1208426",
        "status_3xx": "0",
        "status_4xx": "708801",
        "status_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",
        "hits_time": "0.07059622299999999",
        "miss": "8",
        "body_size": "721082",
        "pass": "0",
        "header_size": "438570",
        "status_200": "580",
        "status_204": "0",
        "status_301": "2",
        "status_302": "0",
        "status_304": "169",
        "errors": "0",
        "hit_ratio": "0.9893",
        "status_1xx": "0",
        "status_2xx": "580",
        "status_3xx": "171",
        "status_4xx": "0",
        "status_503": "0",
        "pipe": "0",
        "status_5xx": "0",
        "uncacheable": "0"
      }
    ],
  }
}
```

GET /stats/field/ **field**

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

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": "1.0000"
      },
      {
        "service_id": "5oYej0l0heMydtjaVPOq4z",
        "start_time": "1368723600",
        "hit_ratio": "1.0000"
      }
    ]
  }
}
```

GET /stats/aggregate

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

Request Example

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

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

Response Example

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

```
{
  "status": "success",
  "meta": {
    "to": "Thu May 16 20:29:37 UTC 2013",
    "from": "Tue May 14 20:29:37 UTC 2013",
    "by": "day",
    "region": "all"
  },
  "msg": null,
  "data": [
    {
      "requests": "7022557",
      "miss_time": "43342.54711368301",
      "start_time": "1368576000",
      "bandwidth": "33656143431",
      "hits": "1851903",
      "hits_time": "284.90881923000006",
      "miss": "74773",
      "body_size": "31118762171",
      "pass": "5076669",
      "header_size": "2537381260",
      "status_200": "6959769",
      "status_204": "0",
      "status_301": "3093",
      "status_302": "60",
      "status_304": "14135",
      "errors": "21642",
      "hit_ratio": "0.9612",
      "status_1xx": "0",
      "status_2xx": "6959769",
      "status_3xx": "17288",
      "status_4xx": "23855",
      "status_503": "21631",
      "pipe": "0",
      "status_5xx": "21642",
      "uncacheable": "0"
    },
    {
      "requests": "7908607",
      "miss_time": "31645.078110511986",
      "start_time": "1368662400",
      "bandwidth": "201478840738",
      "hits": "3455867",
      "hits_time": "751.2703607920007",
      "miss": "114580",
      "body_size": "198672905955",
      "pass": "4310192",
      "header_size": "2805934783",
      "status_200": "7128395",
      "status_204": "0",
      "status_301": "2649",
      "status_302": "30",
      "status_304": "9920",
      "errors": "41389",
      "hit_ratio": "0.9679",
      "status_1xx": "0",
      "status_2xx": "7128395",
      "status_3xx": "12599",
      "status_4xx": "726224",
      "status_503": "41246",
      "pipe": "0",
      "status_5xx": "41389",
      "uncacheable": "0"
    }
  ]
}
```

GET /stats/service/ **service_id**

Fetches historical stats for a given service.

Request Example

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

```
GET /stats/service/1jlmtMz1ncwA0KC3TBGD0X?from=40+minutes+ago&to=38+minutes+ago&by=minute
```

Response Example

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

```
{
  "status": "success",
  "meta": {
    "to": "Thu May 16 19:57:24 UTC 2013",
    "from": "Thu May 16 19:55:24 UTC 2013",
    "by": "minute",
    "region": "all"
  },
  "msg": null,
  "data": [
    {
      "requests": "21",
      "miss_time": "0",
      "start_time": "1368734160",
      "service_id": "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 GET /stats/service/ **service_id** /field/ **field**

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

Request Example

```
Fastly-Key: d3cafb4dde4dbeef
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: d3cafb4dde4dbeef
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
```

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

GET /stats/usage_by_service

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

Request Example

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

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

Response Example

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

```
{
  "status": "success",
  "meta": {
    "to": "Fri Mar 01 12:00:00 UTC 2013",
    "from": "Fri Feb 01 12:00:00 UTC 2013",
    "by": "day",
    "region": "all"
  },
  "msg": null,
  "data": {
    "apac": {
      "1iPMGAF44YgzB7sINv4KTF": {
        "requests": "60524",
        "bandwidth": "6004223792"
      },
      "7mai6mbwRz0JXxhAY8ZSN2": {
        "requests": "3",
        "bandwidth": "1305"
      }
    },
    "ausnz": {
      "1iPMGAF44YgzB7sINv4KTF": {
        "requests": "101120",
        "bandwidth": "1735577606"
      },
      "7mai6mbwRz0JXxhAY8ZSN2": {
        "requests": "93294",
        "bandwidth": "38109995"
      }
    },
    "usa": {
      "1iPMGAF44YgzB7sINv4KTF": {
        "requests": "1109033",
        "bandwidth": "21642401706"
      },
      "7mai6mbwRz0JXxhAY8ZSN2": {
        "requests": "348175",
        "bandwidth": "173135847"
      }
    },
    "europe": {
      "1iPMGAF44YgzB7sINv4KTF": {
        "requests": "567583",
        "bandwidth": "14813592344"
      },
      "7mai6mbwRz0JXxhAY8ZSN2": {
        "requests": "260025",
        "bandwidth": "110928988"
      }
    }
  }
}
```

GET /stats/regions

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

Request Example

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

```
GET /stats/regions
```

Response Example

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

```
{
  "status": "success",
  "meta": {
    "to": "Thu May 16 19:52:15 UTC 2013",
    "from": "Tue Apr 16 19:52:15 UTC 2013",
    "by": "day",
    "region": "all"
  },
  "msg": null,
  "data": [
    "apac",
    "ausnz",
    "usa",
    "europe"
  ]
}
```

Remote Logging (/api/logging)

(/api/logging#logging_ftp) FTP

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

Fields

- **name** - The name of the ftp rule.
- **address** - An IPv4 or hostname address.
- **port** - The port number.
- **user** - The username for the server (can be anonymous).
- **password** - The password for the server (for anonymous use an email address).
- **directory** - The directory to upload log files to.
- **period** - How frequently the logs should be dumped (in seconds, default 3600).
- **gzip_level** - What level of GZIP encoding to have when dumping logs (default 0, no compression).
- **format** - Apache style log formatting.
- **response_condition** - When to execute the ftp. If empty, always execute.

Actions

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

Get the FTP for a particular service and version

Authentication

none

Parameters

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
```

```
{
  "name": "test-ftp",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "address": "example.com",
  "hostname": "example.com",
  "port": "21",
  "ipv4" : "127.0.0.1",
  "user" : "anonymous",
  "password" : "ftp@example.com",
  "directory" : "/"
  "response_condition": "",
  "format": "%h %l %u %t \"%r\" %>s %b"
}
```

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

List all of the FTPs for a particular service and version

Authentication

none

Parameters

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
```

```
[
{
  "name": "test-ftp",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "address": "example.com",
  "hostname": "example.com",
  "port": "21",
  "ipv4" : "127.0.0.1",
  "user" : "anonymous",
  "password" : "ftp@example.com",
  "directory" : "/"
  "response_condition": "",
  "format": "%h %l %u %t \"%r\" %>s %b"
}
]
```

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

Create a FTP for a particular service and version

Authentication

none

Parameters

Request Example

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

Response Example

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

```
{
  "name": "test-ftp",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "address": "example.com",
  "hostname": "example.com",
  "port": "21",
  "ipv4" : "127.0.0.1",
  "user" : "anonymous",
  "password" : "ftp@example.com",
  "directory" : "/"
  "response_condition": "",
  "format": "%h %l %u %t \"%r\" %>s %b"
}
```

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

Delete the FTP for a particular service and version

Authentication

none

Parameters

Request Example

```
DELETE /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
```

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

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

Update the FTP for a particular service and version

Authentication

none

Parameters

Request Example

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

Response Example

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

```
{
  "name": "updated-ftp",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "address": "example.com",
  "hostname": "example.com",
  "port": "21",
  "ipv4" : "127.0.0.1",
  "user" : "anonymous",
  "password" : "ftp@example.com",
  "directory" : "/"
  "response_condition": "",
  "format": "%h %l %u %t \"%r\" %>s %b"
}
```

(/api/logging#logging_logentries) Logentries

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

Fields

- **name** - The name of the logentries rule.
- **port** - The port number.
- **use_tls** - Whether to use TLS for secure logging.
- **token** - Use token based authentication (https://logentries.com/doc/input-token/).
- **format** - Apache style log formatting.
- **response_condition** - When to execute the logentry. If empty, always execute.

Actions

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

Get the Logentry for a particular service and version

Authentication

none

Parameters

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logentries/test-logentries
```

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

Response Example

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

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

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

List all of the Logentries for a particular service and version

Authentication

none

Parameters

Request Example

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

Response Example

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

```
[
{
  "name": "test-logentries",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "port": "5140",
  "use_tls": "0",
  "response_condition": "",
  "format": "%h %l %u %t \"%r\" %>s %b"
}
]
```

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

Create a Logentry for a particular service and version

Authentication

none

Parameters

Request Example

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

Response Example

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

```
{
  "name": "test-logentries",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "port": "5140",
  "use_tls": "0",
  "response_condition": "",
  "format": "%h %l %u %t \"%r\" %>s %b"
}
```

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

Delete the Logentry for a particular service and version

Authentication

none

Parameters

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/logentries/test-logentries
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/logentries/ **old_name**

Update the Logentry for a particular service and version

Authentication

none

Parameters

Request Example

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

Response Example

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

```
{
  "name": "updated-logentries",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "port": "5140",
  "use_tls": "0",
  "response_condition": "",
  "format": "%h %l %u %t \"%r\" %>s %b"
}
```

(/api/logging#logging_papertrail) Papertrail

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

Fields

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

Actions

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

Get the Papertrail for a particular service and version

Authentication

none

Parameters

Request Example

```
GET /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
```

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

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

List all of the Papertrails for a particular service and version

Authentication

none

Parameters

Request Example

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

Response Example

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

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

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

Create a Papertrail for a particular service and version

Authentication

none

Parameters

Request Example

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

```
Accept: application/json
```

Response Example

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

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

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

Delete the Papertrail for a particular service and version

Authentication

none

Parameters

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"
}
```

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

Update the Papertrail for a particular service and version

Authentication

none

Parameters

Request Example

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

Response Example

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

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

(/api/logging#logging_s3) S3

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

Fields

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

Actions

GET /service/ **service_id** /version/ **version** /logging/s3/ **name**

Get the S3 for a particular service and version

Authentication

none

Parameters

Request Example

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

Response Example

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

```
{
  "name": "test-s3",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "bucket_name": "my_corporate_bucket",
  "access_key": "AKIAIOSFODNN7EXAMPLE",
  "secret_key": "wJalrXUtnFEMI/K7MDENG/bPxRfiCYEXAMPLEKEY",
  "path": "",
  "response_condition": "",
  "format": "%h %l %u %t \"%r\" %>s %b"
}
```

GET /service/ **service_id** /version/ **version** /logging/s3

List all of the S3s for a particular service and version

Authentication

none

Parameters

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/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": "",
  "response_condition": "",
  "format": "%h %l %u %t \"%r\" %>s %b"
}
]
```

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

Create a S3 for a particular service and version

Authentication

none

Parameters

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/s3
Fastly-Key: d3cafb4dde4dbeef
```

```
Content-Type: application/x-www-form-urlencoded
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": "",
  "response_condition": "",
  "format": "%h %l %u %t \"%r\" %>s %b"
}
```

DELETE /service/ **service_id** /version/ **version** /logging/s3/ **name**

Delete the S3 for a particular service and version

Authentication

none

Parameters

Request Example

```
DELETE /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
```

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

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

Update the S3 for a particular service and version

Authentication

none

Parameters

Request Example

```
PUT /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/s3/test-s3
```

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

Response Example

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

```
{
  "name": "updated-s3",
  "service_id": "SU1Z0isxPaozGVKXdv0eY",
  "version": "1",
  "bucket_name": "my_corporate_bucket",
  "access_key": "AKIAIOSFODNN7EXAMPLE",
  "secret_key": "wJalrXUtnFEMI/K7MDENG/bPxRfiCYEXAMPLEKEY",
  "path": "",
  "response_condition": "",
  "format": "%h %l %u %t \"%r\" %>s %b"
}
```

(/api/logging#logging_sumologic) Sumologic

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

Fields

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

Actions

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

Get the Sumologic for a particular service and version

Authentication

none

Parameters

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/sumologic/test-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"
}
```

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

List all of the Sumologics for a particular service and version

Authentication

none

Parameters

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

Parameters

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/sumologic
Fastly-Key: d3cafb4dde4dbeef
Content-Type: application/x-www-form-urlencoded
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"
}
```

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

Delete the Sumologic for a particular service and version

Authentication

none

Parameters

Request Example

```
DELETE /service/SU1Z0isxPaozGVKXdv0eY/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

Parameters

Request Example

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

Response Example

```
HTTP/1.1 200 OK
```

```
Content-Type: application/json
```

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

(/api/logging#logging_syslog) Syslog

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

Fields

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

Actions

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

Get the Syslog for a particular service and version

Authentication

key_or_engineer

Parameters

Request Example

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

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"
}
```

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

List all of the Syslogs for a particular service and version

Authentication

key_or_engineer

Parameters

Request Example

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

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"
}
]
```

POST /service/ **service_id** /version/ **version** /syslog

Create a Syslog for a particular service and version

Authentication

key_or_engineer

Parameters

Request Example

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

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/ **version** /syslog/ **name**

Delete the Syslog for a particular service and version

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

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

PUT /service/ **service_id** /version/ **version** /syslog/ **old_name**

Update the Syslog for a particular service and version

Authentication

key_or_engineer

Parameters

Request Example

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

Response Example

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

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

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PRIVACY (HTTP://WWW.FASTLY.COM/PRIVACY/) CONTACT (HTTP://WWW.FASTLY.COM/CONTACT-US/) SUPPORT (HTTP://WWW.FASTLY.COM/SUPPORT/)