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SIGN UP (https://www.fastly.com/signup/

fastly Documentation

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API (/api/)

Account (/api/account)

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

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": 0.00899999999999999,
                    "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": 0.00899999999999999,
                    "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": 0.00899999999999999,
                    "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": 0.007499999999999997,
                    "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
}
```

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.
- ${\bf can_upload_vcl}$ 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

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_vc1":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

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":"hb35eRl123CGPJxJwCH4g"
    "name":"Test Account",
    "id":"hTE5dRlSBICGPJxJwCH4M",
    "can_configure_wordpress":null,
    "updated_at":"2012-06-16T20:50:45+00:00",
    "created_at":"2012-06-16T05:25:30+00:00",
    "can_reset_passwords":true,
    "pricing_plan":"customer",
    "billing_contact_id":null
}
```

PUT /customer/ id

Update a customer

Authentication

session

Request Example

```
PUT /customer/4mp6jxt8Z5b4be5jIhXz00
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":"nb35eR1123CGPJxJwCH4g"
"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

Request Example

```
get /customer/4mp6jxt8Z5b4be5jIhXz00/users
Content-Type: application/x-www-form-urlencoded
```

Response Example

DELETE /customer/ id

Delete a customer

Authentication

session

Request Example

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

Response Example

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

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

Event Log

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

Fields

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

Actions

GET /event_log/ id

Get the specified event log

Authentication

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

Invitation

Actions

GET /invitation

Get all invitations created by the customer

Authentication

session

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
  "status_code":0
},
...
```

POST /invitation

Create a new invitation and email it to the recipient.

Authentication

session

Request Example

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

email=john@website.com
```

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
```

PUT /invitation/ id /cancel

Cancel an open invitation

Authentication

session

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"
}
```

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

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

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"
```

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

Request Example

```
POST /current_user/password/newpwd

old_password=oldpasswd&password=newpwd
```

Response Example

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

{
    "login":"johnowner@website.com",
    "name":"John Owner",
    "id":"x9KzsrACXZv8tPw1EDsKb6",
    "updated_at":"2012-06-21T03:22:50+00:00",
    "created_at":"2012-06-20T21:52:44+00:00",
    "role":"admin",
    "require_new_password":false,
    "customer_id":"x4xCwxxJxGCx123Rx5xTx",
    "email_hash":"xe8x2dxffx5bx18123x69x3fxefxefxa"
}
```

GET /current_user

Get the logged in user

Authentication

session

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

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

Request Example

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

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

Response Example

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

{
    "login":"johnowner@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

Request Example

```
PUT /user/x9KzsrACXZv8tPwlEDsKb6
```

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

id=Updated+Name
```

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

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

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)

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

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

Request Example

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

ipv4=127.0.0.1;version=3;name=test-backend;port=9092;service=SU1Z0isxPaozGVKXdv0eY
```

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

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": "SUIZOisxPaozGVKXdv0eY",
    "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

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

name=updated-test-backend
```

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": "SU1ZOisxPaozGVKXdv0eY",
    "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"
}
```

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

Request Example

```
GET /service/SU120isxPaozGVKXdv0eY/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

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

Request Example

```
POST /service/SU120isxPaozGVKXdv0eY/version/1/cache_settings
Fastly-Key: d3cafb4dde4dbeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=testcache&stale_tt1=1000&tt1=1000&action=cache
```

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

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

Request Example

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

stale_ttl=2000&ttl=1000
```

Response Example

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

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

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

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":"SU120isxPaozGVKXdv0eY",
    "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

Request Example

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

Response Example

POST /service/ service_id /version/ version /condition

Creates a new condition.

Authentication

key_or_engineer

Request Example

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

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

Response Example

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

{
    "type":"REQUEST",
    "comment":"",
    "name":"testcondition",
    "version":"1",
    "service_id":"SU120isxPaozGVKXdv0eY",
    "statement":"req.url~ \"index.html\"",
    "priority":"10"
}
```

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

Deletes the specified condition.

Authentication

key_or_engineer

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

Request Example

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

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

Response Example

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

{
    "type":"REQUEST",
    "comment":"",
    "name":"testcondition",
    "version":"1",
    "service_id":"SUIZOisxPaozGVKXdv0eY",
    "statement":"req.url~ \"index.html\"",
    "priority":"10"
}
```

Content

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

Actions

GET /content/edge_check

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

Authentication

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
  ],
]
```

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
   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: []
```

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

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": "SUIZ0isxPaozGVKXdv0eY",
    "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

Request Example

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

Response Example

POST /service/ service_id /version/ version /director

Create a director for a particular service and version

Authentication

key_or_engineer

Request Example

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

name=test-director
```

Response Example

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

{
    "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

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

Request Example

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

id=updated-director; retries=10
```

Response Example

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

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

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

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": "6N2jxQPVlKfETea4slyvlz"
    "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

Request Example

```
POST /service/6N2jxQPVlKfETea4slyvlz/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": "6N2jxQPVlKfETea4slyvlz"
    "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

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"
}
```

Docs

Documentation of the endpoints that return the Fastly API Documentation.

Actions

GET /docs

Gets all documentation associated with the Fastly API.

Authentication

none

Request Example

```
GET /docs
```

Response Example

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

GET /docs/subject/ endpoint

Gets all documentation relating to a given 'Subject'

Authentication

none

Request Example

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

Response Example

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": ...,
   ]
  }, ...
```

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

Request Example

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

Response Example

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

Request Example

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

Response Example

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

Get the domain for a particular service and version

Authentication

key_or_engineer

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

Request Example

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

name=www.example.com
```

Response Example

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

{
    "name": "www.example.com",
    "service_id": "SU120isxPaozGVKXdv0eY",
    "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

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": "SU120isxPaozGVKXdv0eY",
    "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

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

Request Example

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

name=new.example.com
```

Response Example

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

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

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

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

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"
  },
1
```

POST /service/ service_id /version/ version /header

Creates a new Header object.

Authentication

key_or_engineer

Request Example

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

name=testheader&type=request&action=set&dst=http.foo&src=client.ip&ignore_if_set=0&priority=10
```

Response Example

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

Request Example

```
DELETE /service/SU120isxPaozGVKXdv0eY/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

Request Example

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

name=testheader&type=request&action=set&dst=http.foo&src=client.ip&ignore_if_set=0&priority=10
```

Response Example

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

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

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

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": "SUlZ0isxPaozGVKXdv0eY",
    "version": "l",
    "method": "HEAD",
    "host": "example.com",
    "path": "/robots.txt",
    "http_version": "l.1",
    "timeout": "0.5",
    "window": "5",
    "threshold": "3",
    "check_interval":"l",
    "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

Request Example

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

id=test-healthcheck&host=example.com&path=/robots.txt
```

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

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

Request Example

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

id=updated-healthcheck
```

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":""
```

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

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

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"
```

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POST /service/ service_id /version/ version /request_settings

Creates a new Request Settings object.

Authentication

key_or_engineer

Request Example

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

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

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

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

Request Example

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

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

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"
```

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

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":"0k",
    "cache_condition":"",
    "request_condition":"",
```

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```
"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

Request Example

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

Response Example

POST /service/ service_id /version/ version /response_object

Creates a new Response Object.

Authentication

key_or_engineer

Request Example

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

status=200&response=Ok&name=testresponse&content=this+message+means+all+is+okay
```

Response Example

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

{
    "status":"200",
    "response":"0k",
    "cache_condition":"",
    "request_condition":"",
    "name":"testresponse",
    "version":"1",
    "content":"this message means all is okay",
    "content_type":"text/plain",
    "service_id":"SUIZOisxPaozGVKXdv0eY"
}
```

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

Deletes the specified Response Object.

Authentication

key_or_engineer

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

Request Example

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

status=200&response=Ok&name=testresponse&content=this+message+means+all+is+okay
```

Response Example

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

{
    "status":"200",
    "response":"0k",
    "cache_condition":"",
    "request_condition":"",
    "name":"testresponse",
    "version":"1",
    "content":"this message means all is okay",
    "content_type":"text/plain",
    "service_id":"SUIZOisxPaozGVKXdv0eY"
}
```

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

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GET /service

List Services

Authentication

key

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

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",
```

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```
"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

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

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Authentication

key_or_engineer

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

Request Example

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

name=test-service
```

Response Example

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

{
    "id":"SU1Z0isxPaozGVKXdv0eY",
    "name":"test-service",
    "customer_id":"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,
        }
}
```

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```
"service_id": "SU1Z0isxPaozGVKXdv0eY",
    "testing":null,
    "staging":null,
    "locked":"0",
    "active":null,
    "deployed":null,
    "comment":"",
    "deleted_at":null,
    "service":"z21hoiBxsaozGVKXdv0xY",
    "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

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

Request Example

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

name=updated-service-name
```

Response Example

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```
"staging":null,
   "locked":"0",
   "active":null,
   "deployed":null,
   "comment":"",
   "deleted_at":null,
   "service":"221h0iBxsaozGVKXdv0xY",
   "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

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":"SU120isxPaozGVKXdv0eY",
    "comment":"the first domain"
}
]
```

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

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",
```

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```
"general.default_tt1": 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

Request Example

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

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

Response Example

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

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

Stats

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

Fields

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

Actions

GET /service/ service /stats/summary

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

Authentication

key

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,
```

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```
"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
 },
```

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.

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Actions

GET /service/ service_id /version/ version /vcl

List the uploaded VCLs for a particular service and version

Authentication

key_or_engineer

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": "l",
    "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

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}"
}
```

 $\textbf{GET} \hspace{0.2cm} / service _ \textbf{id} \hspace{0.2cm} / version / \hspace{0.2cm} version \hspace{0.2cm} / vcl / \hspace{0.2cm} \textbf{name} \hspace{0.2cm} / content$

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

Authentication

key_or_engineer

Request Example

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

Response Example

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```
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 = default;\n }\n \n sub vcl_hash {\n set req.hash += req.url;\n set req.hash += req.http.host;\n set req.hash += "0";\n }\n"
}
```

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

Download the specified VCL

Authentication

key_or_engineer

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

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-vc1",
    "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

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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 = default;\n }\n \n sub vcl_hash {\n set req.hash += req.url;\n set req.hash += req.http.host;\n set req.hash += "0";\n }\n"
}
```

POST /service/ service_id /version/ version /vcl

Upload a VCL for a particular service and version

Authentication

key_or_engineer

Request Example

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

name=test-vcl&content=
```

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

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"
}
```

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

Set the specified VCL as the main

Authentication

key_or_engineer

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

Request Example

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

content=
```

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}"
}
```

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.

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Actions

GET /service/ service_id /version/ number

Get the version for a particular service

Authentication

key_or_engineer

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

Request Example

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

service=SU1Z0isxPaozGVKXdv0eY
```

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",
```

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```
"active":"true",
"locked":"false"
}
```

GET /service/ service_id /version

List the versions for a particular service

Authentication

key_or_engineer

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

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"
```

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```
},
"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

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

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

Request Example

PUT /service/SU1Z0isxPaozGVKXdv0eY/version/2/clone

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```
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

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

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,
```

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```
"service id": "SUIZOisxPaozGVKXdvOeY"
"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"
}
```

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

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":"SU120isxPaozGVKXdv0eY"
}
```

GET /service/ service_id /version/ version /wordpress

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

Authentication

key_or_engineer

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
```

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```
[
    "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

Request Example

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

name=testwordpress&path=/blog
```

Response Example

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

{
    "comment":"",
    "name":"testwordpress",
    "version":"1",
    "path":"/blog",
    "service_id":"SU120isxPaozGVKXdv0eY"
}
```

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

Delete a specified WordPress.

Authentication

key_or_engineer

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

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key_or_engineer

Request Example

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

name=testwordpress&path=/blog
```

Response Example

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

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

Purge (/api/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.

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_or_engineer

Request Example

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

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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

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

Request Example

```
POST /service/SU1Z0isxPaozGVKXdv0eY/purge/hTE5dRlSBICGPJxJwCH4M
Fastly-Key: d3cafb4dde4dbeef
Accept: application/json
Fastly-Soft-Purge: 1
```

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Response Example

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

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

Historical Stats (/api/stats)

```
Home (/) / API (/api/) /
```

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

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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

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/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

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

```
/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 guery was not successful this will provide a string that explains why
- data This contains the actual results of the guery 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
```

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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"
  },
  "msq": 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"
    "5oYej010heMydtjaVPOq4z": [
        "requests": "751",
"miss_time": "1.198163271",
        "start time": "1368662400",
        "service id": "5oYej010heMydtjaVPOq4z",
        "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"
    ],
```

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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": {
    "6E1ZZvtumbwtLBDJvFwepx": [
         "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"
     "5oYej010heMydtjaVPOq4z": [
         "service_id": "5oYej010heMydtjaVPOq4z",
"start_time": "1368716400",
         "hit ratio": "0.9857"
       },
         "service id": "5oYej0l0heMydtjaVPOq4z",
         "start_time": "1368720000",
         "hit ratio": "1.0000"
       },
         "service_id": "5oYej010heMydtjaVPOq4z", "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
```

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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"
  "msq": 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

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```
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"
 ]
```

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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": {
```

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```
"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": {
      "liPMGAF44YgzB7sINv4KTF": {
        "requests": "60524",
        "bandwidth": "6004223792"
      "7mai6mbwRz0JXxhAY8ZSN2": {
        "requests": "3",
        "bandwidth": "1305"
    "ausnz": {
      "liPMGAF44YgzB7sINv4KTF": {
        "requests": "101120",
        "bandwidth": "1735577606"
      "7mai6mbwRz0JXxhAY8ZSN2": {
        "requests": "93294",
        "bandwidth": "38109995"
    },
    "usa": {
      "liPMGAF44YgzB7sINv4KTF": {
        "requests": "1109033",
        "bandwidth": "21642401706"
      "7mai6mbwRz0JXxhAY8ZSN2": {
        "requests": "348175",
        "bandwidth": "173135847"
    },
    "europe": {
      "liPMGAF44YgzB7sINv4KTF": {
        "requests": "567583",
        "bandwidth": "14813592344"
      "7mai6mbwRz0JXxhAY8ZSN2": {
        "requests": "260025",
        "bandwidth": "110928988"
```

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```
}
```

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",
        "ussa",
        "europe"
    ]
}
```

Remote Logging (/api/logging)

FTP

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

Fields

- name The name of the ftp rule.
- address An IPv4 or hostname address.
- · port The port number.
- user The username for the server (can be anonymous).
- password The password for the server (for anonymous use an email address).
- 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

Request Example

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```
GET /service/SU120isxPaozGVKXdv0eY/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": "SUIZOisxPaozGVKXdvOeY",
    "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 %1 %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

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

Request Example

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

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

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 %1 %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

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

Request Example

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

name=updated-ftp
```

Response Example

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

{
    "name": "updated-ftp",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "version": "1",
```

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```
"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"
}
```

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

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": "SUIZOisxPaozGVKXdv0eY",
    "version": "1",
    "port": "514",
    "use_tls": "0",
    "response_condition": "",
    "format": "%h %l %u %t \"%r\" %>s %b"
}
```

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

List all of the Logentries for a particular service and version

Authentication

none

Request Example

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

Response Example

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

[
{
    "name": "test-logentries",
    "service_id": "SU120isxPaozGVKXdv0eY",
    "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

Request Example

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

name=test-logentries&port=5140
```

Response Example

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

{
    "name": "test-logentries",
    "service_id": "SU120isxPaozGVKXdv0eY",
    "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

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"
}
```

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

Update the Logentry for a particular service and version

Authentication

none

Request Example

```
PUT /service/SU120isxPaozGVKXdv0eY/version/1/logging/logentries/test-logentries
Fastly-Key: d3cafb4dde4dbeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=updated-logentries
```

Response Example

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

{
    "name": "updated-logentries",
    "service_id": "SU120isxPaozGVKXdv0eY",
    "version": "1",
    "port": "5140",
    "use_tls": "0",
    "response_condition": "",
    "format": "%h %l %u %t \"%r\" %>s %b"
}
```

Papertrail

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

Fields

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

Actions

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

Get the Papertrail for a particular service and version

Authentication

none

Request Example

```
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": "SUIZOisxPaozGVKXdvOeY",
    "version": "1",
    "port": "5140",
    "response_condition": "",
    "format": "%h %l %u %t \"%r\" %>s %b"
}
```

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

List all of the Papertrails for a particular service and version

Authentication

none

Request Example

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

Response Example

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

Create a Papertrail for a particular service and version

Authentication

none

Request Example

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

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

Response Example

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

{
    "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

Request Example

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

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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

Request Example

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

name=updated-papertrail
```

Response Example

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

{
    "name": "updated-papertrail",
    "service_id": "SU120isxPaozGVKXdv0eY",
    "version": "1",
    "port": "5140",
    "response_condition": "",
    "format": "%h %l %u %t \"%r\" %>s %b"
}
```

S3

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

Fields

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

Actions

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

Get the S3 for a particular service and version

Authentication

none

Request Example

https://docs.fastly.com/api/aio 78/85

```
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

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": "SUIZOisxPaozGVKXdv0eY",
    "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

Request Example

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

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

Response Example

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

{
    "name": "test-s3",
    "service_id": "SU1Z0isxPaozGVKXdv0eY",
    "version": "1",
    "bucket_name": "my_corporate_bucket",
    "access_key": "AKIAIOSFODNNTEXAMPLE",
    "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

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

Request Example

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

name=updated-s3
```

Response Example

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

{
    "name": "updated-s3",
    "service_id": "SUIZOisxPaozGVKXdvOeY",
    "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"
}
```

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

Sumologic

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

Fields

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

Actions

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

Get the Sumologic for a particular service and version

Authentication

none

Request Example

```
GET /service/SU1Z0isxPaozGVKXdv0eY/version/1/logging/sumologic/test-sumologic
Fastly-Key: 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

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": "SU120isxPaozGVKXdv0eY",
    "version": "1",
    "url": "https://sumologic.net/v1/http/your_end_point_here"
    "response_condition": "",
    "format": "%h %l %u %t \"%r\" %>s %b"
}
]
```

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

Create a Sumologic for a particular service and version

Authentication

none

Request Example

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

name=test-sumologic&url=https://sumologic.net/v1/http/your_end_point_here
```

Response Example

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

{
    "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

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

Request Example

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

name=updated-sumologic
```

Response Example

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

{
    "name": "updated-sumologic",
    "service_id": "SU120isxPaozGVKXdv0eY",
    "version": "1",
    "url": "https://sumologic.net/v1/http/your_end_point_here"
    "response_condition": "",
    "format": "%h %l %u %t \"%r\" %>s %b"
}
```

Syslog

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

Fields

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

Actions

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

Get the Syslog for a particular service and version

Authentication

key_or_engineer

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": "SU120isxPaozGVKXdv0eY",
    "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

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

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": "SU120isxPaozGVKXdv0eY",
    "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

Request Example

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

name=test-syslog&address=example.com
```

Response Example

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

{
    "name": "test-syslog",
    "service_id": "SUIZOisxPaozGVKXdvOeY",
    "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

Request Example

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```
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

Request Example

```
PUT /service/SU120isxPaozGVKXdv0eY/version/1/syslog/test-syslog
Fastly-Key: d3cafb4dde4dbeef
Content-Type: application/x-www-form-urlencoded
Accept: application/json

name=updated-syslog
```

Response Example

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

{
    "name": "updated-syslog",
        "service_id": "SUIZOisxPaozGVKXdvOeY",
        "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"
}
```

SITEMAP (/SITEMAP) ACCEPTABLE USE (HTTP://WWW.FASTLY.COM/ACCEPTABLE-USE/)
TERMS (HTTP://WWW.FASTLY.COM/TERMS/) PRIVACY (HTTP://WWW.FASTLY.COM/PRIVACY/)
CONTACT (HTTP://WWW.FASTLY.COM/CONTACT-US/) SUPPORT (HTTP://WWW.FASTLY.COM/SUPPORT/)

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