

# fastly Next-Gen WAF API

## ⚠ NOTE

[Next-Gen WAF documentation](#) has been moved to the [Fastly Documentation](#) website. You can continue to find Next-Gen WAF API reference documentation at this website.

## Next-Gen WAF API docs

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## ⚠ NOTE

This API is only available to Next-Gen WAF customers with access to the [Next-Gen WAF control panel](#). If you have access to the Next-Gen WAF product in the [Fastly control panel](#), check out the [Fastly Security API](#).

## Accessing the API

### Base URL

```
https://dashboard.signalsciences.net/api/v0
```

### Examples

For examples on how to authenticate against and use the API, see [Using our API](#).

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## Auth

### [Log into the API](#)

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## Form Parameters

Name	Type	Description
email	string required: true	See <a href="#">Using Our API</a> .
password	string min len: 8, required: true	See <a href="#">Using Our API</a> .

## Responses

### HTTP 200

Name	Type	Description
token	string required: true	Token to be used in subsequent requests for authentication

## Response Example

```
{
  "token": "a3024fcf-0c8a-43d8-b70b-ed537fe50650"
}
```

### HTTP 401

Login failed

[Log out the session](#)

GET /auth/logout

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## Responses

### HTTP 302

Redirects to the login page

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## Corps

### List corps

GET /corps

## Request

## Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

## Responses

### HTTP 200

Name	Type	Description
data	corp array <a href="#">Show attributes</a>	

## Response Example

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```

        "name": "testcorp",
        "displayName": "Test Corporation",
        "smallIconURI": "",
        "created": "2014-12-09T10:43:54-08:00",
        "siteLimit": 5,
        "sites": {
            "uri": "/api/v0/corps/testcorp/sites"
        },
        "authType": "builtin",
        "sessionMaxAgeDashboard": 2592000,
    }
}
]
}

```

## Get corp by name

GET /corps/{corpName}

### Request

### URI Parameters

Name	Type	Description
corpName	string matching: [0-9a-z_.-]+, required: true	Corp shortname

### Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

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Name	Type	Description
name	string read only: true	Identifying name of the corp
displayName	string min len: 3, max len: 100	Display name of the corp
smallIconURI	string max len: 200	Small icon URI
created	string format: date- time, read only: true	Created RFC3339 date time
siteLimit	integer read only: true	Site limit
sites	object <a href="#">Show attributes</a>	
authType	string read only: true	Authentication method
sessionMaxAgeDashboard	integer default: 2592000, min len: 60, max len: 31536000	Dashboard session timeout (seconds)

## Response Example

```
{  
  
  "name": "testcorp",  
  "displayName": "Test Corporation",  
  "smallIconURI": "",  
  "created": "2014-12-09T10:43:54-08:00",  
}
```

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```
    },
    "authType": "builtin",
    "sessionMaxAgeDashboard": 2592000,
  }
}
```

## Update corp by name

PATCH /corps/{corpName}

### Request

### URI Parameters

Name	Type	Description
corpName	string matching: [0-9a-z_.-]+, required: true	Corp shortname

### Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

### Body (application/json)

Name	Type	Description
displayName	string min len: 3, max len: 100	Display name of the corp
smallIconURI	string max len: 200	Small icon URI

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min len: 3,  
max len:  
31536000

## Request Example

```
{
  "displayName": "Test Corporation1"
}
```

## Responses

### HTTP 200

#### Successful update

Name	Type	Description
name	string read only: true	Identifying name of the corp
displayName	string min len: 3, max len: 100	Display name of the corp
smallIconURI	string max len: 200	Small icon URI
created	string format: date- time, read only: true	Created RFC3339 date time
siteLimit	integer read only: true	Site limit

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Auth type	String	Authentication method
	read only: true	
sessionMaxAgeDashboard	integer default: 2592000, min len: 60, max len: 31536000	Dashboard session timeout (seconds)

## Response Example

```
{
  "name": "testcorp",
  "displayName": "Test Corporation1",
  "smallIconURI": "",
  "created": "2014-12-09T10:43:54-08:00",
  "siteLimit": 5,
  "sites": {
    "uri": "/api/v0/corps/testcorp/sites"
  },
  "authType": "builtin",
  "sessionMaxAgeDashboard": 2592000,
}
```

## HTTP 400

Failed due to data input

Name	Type	Description
message	string read only: true	Error message

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## Get corp overview report

GET /corps/{corpName}/reports/attacks

### Request

### Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output
from	string default: -7d	Number of days ago to begin the data window. Takes the format "-Nd" where N is the number of days (maximum 30).
until	string default: now	Number of days ago to end the data window. Takes the format "-Nd" where N is the number of days (maximum 30).

### Responses

#### HTTP 200

Name	Type	Description
data	overviewSite array <a href="#">Show attributes</a> required: true	

### Response Example

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```
"name":"www.example.com",
"displayName":"Example Site",
"totalCount":49285068291,
"blockedCount":29184,
"flaggedCount":0,
"attackCount":43129,
"previousPeriodAttackCount": 40218,
"previousPeriodBlockedCount": 39190,
"flaggedIPCount":15,
"topAttackTypes":[
  {
    "tagName":"Attack Tooling",
    "tagCount":32551,
    "totalCount":49712
  },
  {
    "tagName":"CMDEXE",
    "tagCount":5065,
    "totalCount":49712
  },
  {
    "tagName":"XSS",
    "tagCount":4383,
    "totalCount":49712
  }
],
"topAttackSources":[
  {
    "countryCode":"CA",
    "countryName":"Canada",
    "requestCount":12414,
    "totalCount":43129
  },
  {
    "countryCode":"private",
```

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```

    },
    {
      "countryCode": "",
      "countryName": "",
      "requestCount": 5322,
      "totalCount": 43129
    }
  ]
}

```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message": "Invalid parameter - from"}
```

## List corp activity events

GET /corps/{corpName}/activity

## Request

## Query Parameters

Name	Type	Description
------	------	-------------

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sort	one of (asc,desc) default: desc, enum: asc,desc	The sort order
since_id	string	The id of the last object in the set
max_id	string	The id of the last object in the set
limit	integer default: 100, max: 1000	The number of entries to be returned per page
page	integer	The page of the results. Each page is limited to 1,000 requests, and a maximum of 10,000 requests in total will be returned.
pretty	boolean	Pretty print the json output
events	one of (corpEvents,userEvents) enum: corpEvents,userEvents	Filter on events
eventType	string	Filter on event type

## Responses

### HTTP 200

Name	Type	Description
totalCount	integer format: int32	Total number of matching documents
next	object <a href="#">Show attributes</a>	

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required: true

## Response Example

```
{
  "totalCount": 5,
  "next": {
    "uri": "/api/v0/corps/testcorp/activity?limi
  },
  "data": [
    {
      "id": "random-uuid-string",
      "eventType": "userMultiFactorAuthEnabled",
      "msgData": {},
      "message": "User (user@example.com) enable
      "attachments": [],
      "created": "2018-04-12T01:00:33Z"
    }
  ]
}
```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

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## List users in corp

GET /corps/{corpName}/users

### Request

### Query Parameters

Name	Type	Description
expand	string	Expand hidden properties for nested object
pretty	boolean	Pretty print the json output

### Responses

#### HTTP 200

Name	Type	Description
data	corpUser array <a href="#">Show attributes</a> required: true	

### Response Example

```
{
  "data": [
    {
      "name": "Test User",
      "email": "user@example.com",
      "announcements": {
        "uri": "/api/v0/user/announcements"
      }
    },
  ],
}
```

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```

    "memberships": {
      "uri": "/api/v0/corps/testcorp/users/userEmail",
    }
    "role": "user",
    "status": "active"
    "mfaEnabled": false,
    "authStatus": "none",
    "created": "2014-12-09T10:43:54-08:00",
  }
]
}

```

## Get corp user by email

GET /corps/{corpName}/users/{userEmail}

### Request

### URI Parameters

Name	Type	Description
userEmail	string matching: [0-9a-z_.-@]+, required: true	

### Query Parameters

Name	Type	Description
expand	string	Expand hidden properties for nested object

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## Responses

### HTTP 200

Name	Type	Description
name	string read only: true, required: true	Full name of the user
email	string read only: true, required: true	Email of the user
announcements	object <a href="#">Show attributes</a> required: true	
defaultDashboards	object <a href="#">Show attributes</a> required: true	
memberships	object <a href="#">Show attributes</a> required: true	
role	string read only: true, required: true	Role of the user (owner, admin, user, observer)
status	string read only: true, required: true	Status of the user
mfaEnabled	boolean read only: true, required: true	Whether this user has two-factor auth enabled or not
authStatus	string read only: true, required: true	Auth-specific status of the user
corpAuthType	string read only: true,	Corp auth type of the user

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	time, read only: true, required: true	
apiUser	boolean read only: true, required: true	Is the user an API user

## Response Example

```
{
  "name": "Test User",
  "email": "user@example.com",
  "memberships": {
    "uri": "/api/v0/corps/testcorp/users/user"
  }
  "role": "user",
  "status": "active"
  "mfaEnabled": false,
  "corpAuthType": "builtin",
  "authStatus": "none",
  "created": "2014-12-09T10:43:54-08:00"
  "apiUser": false
}
```

## Update corp user by email

PATCH /corps/{corpName}/users/{userEmail}

## Request

## URI Parameters

Name	Type	Description
------	------	-------------

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required: true

## Query Parameters

Name	Type	Description
expand	string	Expand hidden properties for nested object
pretty	boolean	Pretty print the json output

## Body (application/json)

Name	Type	Description
role	string read only: true	Role of the user (owner, admin, user, observer)
memberships	object <a href="#">Show attributes</a>	

## Request Example

```
{
  "role": "user",
  "memberships": {
    "data": [{
      "site": {
        "name": "staging"
      }
    }, {
      "site": {
        "name": "production"
      }
    }
  ]
}
```

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## Responses

### HTTP 200

Name	Type	Description
name	string read only: true, required: true	Full name of the user
email	string read only: true, required: true	Email of the user
announcements	object <a href="#">Show attributes</a> required: true	
defaultDashboards	object <a href="#">Show attributes</a> required: true	
memberships	object <a href="#">Show attributes</a> required: true	
role	string read only: true, required: true	Role of the user (owner, admin, user, observer)
status	string read only: true, required: true	Status of the user
mfaEnabled	boolean read only: true, required: true	Whether this user has two-factor auth enabled or not
authStatus	string read only: true, required: true	Auth-specific status of the user

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created	string format: date-time, read only: true, required: true	Created RFC3339 date time
apiUser	boolean read only: true, required: true	Is the user an API user

## Response Example

```
{
  "name": "",
  "email": "user@example.com",
  "memberships": {
    "uri": "/api/v0/corps/testcorp/users/user"
  }
  "role": "user",
  "status": "active"
  "mfaEnabled": false,
  "corpAuthType": "builtin",
  "authStatus": "none",
  "created": "2014-12-09T10:43:54-08:00"
  "apiUser": false
}
```

## Delete user from corp

DELETE /corps/{corpName}/users/{userEmail}

## Request

## URI Parameters

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9a-z\_.-@]+,  
required: true

## Responses

### HTTP 204

Delete successful

### Invite user to corp

POST /corps/{corpName}/users/{userEmail}/invite

## Request

### Query Parameters

Name	Type	Description
expand	string	Expand hidden properties for nested object
pretty	boolean	Pretty print the json output

### Body (application/json)

Name	Type	Description
role	string read only: true	Role of the user (owner, admin, user, observer)
memberships	object <a href="#">Show attributes</a>	

## Request Example

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```

memberships : {
  "data": [{
    "site": {
      "name": "staging"
    }
  }, {
    "site": {
      "name": "production"
    }
  }]
}
}

```

## Responses

### HTTP 200

Name	Type	Description
name	string read only: true, required: true	Full name of the user
email	string read only: true, required: true	Email of the user
announcements	object <a href="#">Show attributes</a> required: true	
defaultDashboards	object <a href="#">Show attributes</a> required: true	
memberships	object <a href="#">Show attributes</a> required: true	

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status	string read only: true, required: true	Status of the user
mfaEnabled	boolean read only: true, required: true	Whether this user has two-factor auth enabled or not
authStatus	string read only: true, required: true	Auth-specific status of the user
corpAuthType	string read only: true, required: true	Corp auth type of the user
created	string format: date-time, read only: true, required: true	Created RFC3339 date time
apiUser	boolean read only: true, required: true	Is the user an API user

## Response Example

```
{  
  
    "name": "",  
    "email": "example@example.com",  
    "memberships": {  
        "uri": "/api/v0/corps/testcorp/users  
    }  
    "role": "user",  
    "status": "active"  
    "mfaEnabled": false,  
    "corpAuthType": "builtin",  
    "authStatus": "none",  
}
```

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## HTTP 400

Name	Type	Description
message	string read only: true	Error message

### Response Example

```
{"message":"Invalid site"}
```

## List rules in corp

GET /corps/{corpName}/rules

### Request

### Query Parameters

Name	Type	Description
type	one of (rateLimit,request,signal) enum: rateLimit,request,signal	The <a href="#">type of rule</a>
page	integer	The page of the results. Each page is limited to 1,000 requests, and a maximum of 10,000 requests in total will be returned.

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pretty	boolean	Pretty print the json output
--------	---------	------------------------------

## Responses

### HTTP 200

Name	Type	Description
totalCount	number required: true	Total count of Corp Rules
data	corpRule array <a href="#">Show attributes</a> required: true, unique items: true	

## Response Example

```
{
  "data": {
    "totalCount": 1,
    "data": [
      {
        "id": "5e191909c931498586c6f537",
        "siteNames": [],
        "type": "request",
        "corpScope": "global",
        "enabled": true,
        "groupOperator": "all",
        "conditions": [
          {
            "type": "single",
            "field": "ip",
```

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```

    ],
    "actions": [
      {
        "type": "block"
      }
    ],
    "requestlogging": "sampled",
    "reason": "foo",
    "expiration": "",
    "created": "2015-02-14T21:17:16Z",
    "updated": "2015-02-14T21:17:16Z"
  }
]
}
}
}

```

## Create corp rule

POST /corps/{corpName}/rules

### Request

### Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

### Body (application/json)

Name	Type	Description
siteNames	string array read only: true, required: true,	Sites with the rule available. Rules with a global corpScope will return '[]'.

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	required: true	
corpScope	string required: true	Whether the rule is applied to all sites or to specific sites. (global, specificSites)
enabled	boolean required: true	
groupOperator	string required: true	Conditions that must be matched when evaluating the request (all, any)
conditions	object array <a href="#">Show attributes</a> min items: 1, required: true, unique items: true	
actions	object array <a href="#">Show attributes</a> min items: 1, required: true, unique items: true	
requestlogging	string default: sampled, enum: sampled,none	Indicates whether to store the logs for requests that match the rule's conditions (sampled) or not store them (none). This field is only available for request rules.
signal	string required: true	The signal id of the signal being excluded
reason	string required: true	Description of the rule
expiration	string required: true	Date the rule will automatically be disabled. If rule is always enabled, will return empty string

## Request Example

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```

    "staging",
    "production"
  ],
  "type": "signal",
  "groupOperator": "all",
  "conditions": [
    {
      "type": "single",
      "field": "ip",
      "operator": "equals",
      "value": "192.0.2.204"
    },
    {
      "type": "group",
      "groupOperator": "any",
      "conditions": [
        {
          "type": "single",
          "field": "ip",
          "operator": "equals",
          "value": "233.252.0.123"
        }
      ]
    }
  ],
  "actions": [
    {
      "type": "excludeSignal"
    }
  ],
  "requestlogging": "sampled",
  "enabled": true,
  "reason": "test",
  "signal": "SQLI",
  "expiration": "",
  "corpScope": "specificSites"

```

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## Responses

### HTTP 200

Name	Type	Description
id	string required: true	
siteNames	string array read only: true, required: true, unique items: true	Sites with the rule available. Rules with a global corpScope will return '[]'.
type	string required: true	Type of rule (request, signal exclusion)
corpScope	string required: true	Whether the rule is applied to all sites or to specific sites. (global, specificSites)
enabled	boolean required: true	
groupOperator	string required: true	Conditions that must be matched when evaluating the request (all, any)
conditions	object array <a href="#">Show attributes</a> min items: 1, required: true, unique items: true	
actions	object array <a href="#">Show attributes</a> min items: 1, required: true, unique items: true	

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	enum: sampled,none	field is only available for request rules.
signal	string required: true	The signal id of the signal being excluded
reason	string required: true	Description of the rule
expiration	string required: true	Date the rule will automatically be disabled. If rule is always enabled, will return empty string
createdBy	string required: true	The user that created the rule
created	string required: true	Created RFC3339 date time
updated	string required: true	Last updated RFC3339 date time

## Response Example

```
{
  "id": "5e18ee76f13d66138c3e587c",
  "siteNames": [
    "staging",
    "production"
  ],
  "type": "signal",
  "corpScope": "specificSites",
  "enabled": true,
  "groupOperator": "all",
  "conditions": [
    {
      "type": "single",
      "field": "ip",
      "operator": "equals",
```

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```
        "type": "group",
        "groupOperator": "any",
        "conditions": [
          {
            "type": "single",
            "field": "ip",
            "operator": "equals",
            "value": "192.0.2.63"
          }
        ]
      },
      "actions": [
        {
          "type": "excludeSignal"
        }
      ],
      "requestlogging": "sampled",
      "signal": "SQLI",
      "reason": "test",
      "expiration": ""
    }
  }
```

## Get corp rule by id

GET /corps/{corpName}/rules/{id}

### Request

### URI Parameters

Name	Type	Description
id	string required: true	

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Name	Type	Description
id	string required: true	
siteNames	string array read only: true, required: true, unique items: true	Sites with the rule available. Rules with a global corpScope will return '[]'.
type	string required: true	Type of rule (request, signal exclusion)
corpScope	string required: true	Whether the rule is applied to all sites or to specific sites. (global, specificSites)
enabled	boolean required: true	
groupOperator	string required: true	Conditions that must be matched when evaluating the request (all, any)
conditions	object array <a href="#">Show attributes</a> min items: 1, required: true, unique items: true	
actions	object array <a href="#">Show attributes</a> min items: 1, required: true, unique items: true	
requestlogging	string default: sampled, enum: sampled,none	Indicates whether to store the logs for requests that match the rule's conditions (sampled) or not store them (none). This field is only available for request rules.

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Field	Type	Description of the field
	string required: true	
expiration	string required: true	Date the rule will automatically be disabled. If rule is always enabled, will return empty string
createdBy	string required: true	The user that created the rule
created	string required: true	Created RFC3339 date time
updated	string required: true	Last updated RFC3339 date time

## Response Example

```
{
  "data": {
    "totalCount": 1,
    "data": {
      "id": "5e191909c931498586c6f537",
      "siteNames": [],
      "type": "request",
      "corpScope": "global",
      "enabled": true,
      "groupOperator": "all",
      "conditions": [
        {
          "type": "single",
          "field": "ip",
          "operator": "equals",
          "value": "203.0.113.1/8"
        }
      ],
      "actions": [
```

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```

    ],
    "requestlogging": "sampled",
    "reason": "foo",
    "expiration": "",
    "created": "2015-02-14T21:17:16Z",
    "updated": "2015-02-14T21:17:16Z"
  }
}
}

```

## Update corp rule

PUT /corps/{corpName}/rules/{id}

### Request

### URI Parameters

Name	Type	Description
id	string required: true	

### Body (application/json)

Name	Type	Description
siteNames	string array read only: true, required: true, unique items: true	Sites with the rule available. Rules with a global corpScope will return '[]'.
type	string required: true	Type of rule (request, signal exclusion)

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<b>enabled</b>	boolean required: true	
<b>groupOperator</b>	string required: true	Conditions that must be matched when evaluating the request (all, any)
<b>conditions</b>	object array <a href="#">Show attributes</a> min items: 1, required: true, unique items: true	
<b>actions</b>	object array <a href="#">Show attributes</a> min items: 1, required: true, unique items: true	
<b>requestlogging</b>	string default: sampled, enum: sampled,none	Indicates whether to store the logs for requests that match the rule's conditions (sampled) or not store them (none). This field is only available for request rules.
<b>signal</b>	string required: true	The signal id of the signal being excluded
<b>reason</b>	string required: true	Description of the rule
<b>expiration</b>	string required: true	Date the rule will automatically be disabled. If rule is always enabled, will return empty string

## Request Example

```
{
  "id": "5e1914acf13d663e6d0178ea",
  "siteNames": [
```

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```
"type": "signal",
"corpScope": "specificSites",
"enabled": true,
"groupOperator": "all",
"conditions": [
  {
    "type": "single",
    "field": "ip",
    "operator": "equals",
    "value": "198.51.100.76"
  },
  {
    "type": "group",
    "groupOperator": "any",
    "conditions": [
      {
        "type": "single",
        "field": "ip",
        "operator": "equals",
        "value": "203.0.113.156"
      }
    ]
  }
],
"actions": [
  {
    "type": "excludeSignal"
  }
],
"requestlogging": "sampled",
"signal": "SQLI",
"reason": "Known malicious IPs",
"expiration": ""
}
```

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Name	Type	Description
id	string required: true	
siteNames	string array read only: true, required: true, unique items: true	Sites with the rule available. Rules with a global corpScope will return '[]'.
type	string required: true	Type of rule (request, signal exclusion)
corpScope	string required: true	Whether the rule is applied to all sites or to specific sites. (global, specificSites)
enabled	boolean required: true	
groupOperator	string required: true	Conditions that must be matched when evaluating the request (all, any)
conditions	object array <a href="#">Show attributes</a> min items: 1, required: true, unique items: true	
actions	object array <a href="#">Show attributes</a> min items: 1, required: true, unique items: true	
requestlogging	string default: sampled, enum: sampled,none	Indicates whether to store the logs for requests that match the rule's conditions (sampled) or not store them (none). This field is only available for request rules.

# fastly Next-Gen WAF API

Field	Type	Description of the field
	string required: true	
expiration	string required: true	Date the rule will automatically be disabled. If rule is always enabled, will return empty string
createdBy	string required: true	The user that created the rule
created	string required: true	Created RFC3339 date time
updated	string required: true	Last updated RFC3339 date time

## Response Example

```
{
  "id": "5e18ee76f13d66138c3e587c",
  "siteNames": [
    "staging",
    "production"
  ],
  "type": "signal",
  "corpScope": "specificSites",
  "enabled": true,
  "groupOperator": "all",
  "conditions": [
    {
      "type": "single",
      "field": "ip",
      "operator": "equals",
      "value": "233.252.0.101"
    },
    {
      "type": "group",
```

# fastly Next-Gen WAF API

```
        "type": "single",
        "field": "ip",
        "operator": "equals",
        "value": "192.0.2.86"
      }
    ]
  },
  ],
  "actions": [
    {
      "type": "excludeSignal"
    }
  ],
  "requestlogging": "sampled",
  "signal": "SQLI",
  "reason": "test",
  "expiration": ""
}
```

## Delete rule from corp

DELETE /corps/{corpName}/rules/{id}

### Request

### URI Parameters

Name	Type	Description
id	string required: true	

### Responses

## HTTP 204

# fastly Next-Gen WAF API

## Request

### Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

### Body (application/json)

Name	Type	Description
shortName	string min len: 3, max len: 25, required: true	The display name of the signal tag
description	string max len: 140	Optional signal tag description

### Request Example

```
{  
  "shortName": "example signal tag",  
  "description": "An example of a custom signa  
}
```

## Responses

### HTTP 200

# fastly Next-Gen WAF API

<b>tagName</b>	string required: true	The identifier for the signal tag
<b>longName</b>	string read only: true, required: true	The display name of the signal tag - deprecated
<b>description</b>	string required: true	Optional signal tag description
<b>configurable</b>	boolean read only: true, required: true	
<b>informational</b>	boolean read only: true, required: true	
<b>needsResponse</b>	boolean read only: true, required: true	
<b>createdBy</b>	string read only: true	Email address of the user that created the resource
<b>created</b>	string read only: true, required: true	Created RFC3339 date time

## Response Example

```
{
  "shortName": "example signal tag",
  "tagName": "corp.example-signal-tag",
  "longName": "example signal tag",
  "description": "An example of a custom signal tag",
  "configurable": false,
  "informational": false,
  "needsResponse": false,
```

# fastly Next-Gen WAF API

## List signal tags in corp

GET /corps/{corpName}/tags

### Request

### Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

### Responses

#### HTTP 200

Name	Type	Description
data	corpSignalTag array <a href="#">Show attributes</a> required: true, unique items: true	

### Response Example

```
{
  "data": [
    {
      "shortName": "example signal tag",
      "tagName": "corp.example-signal-tag"
    }
  ]
}
```

# fastly Next-Gen WAF API

```
    "informational": false,
    "needsResponse": false,
    "createdBy": "user@example.com",
    "created": "2020-02-06T23:28:54Z"
  },
  {
    "shortName": "test-signal",
    "tagName": "corp.test-signal",
    "longName": "Test Signal",
    "description": "This is a signal for",
    "configurable": false,
    "informational": false,
    "needsResponse": false,
    "createdBy": "user@example.com",
    "created": "2020-01-10T23:36:50Z"
  }
]
```

## Get corp signal tag by tagName

GET /corps/{corpName}/tags/{tagName}

### Request

#### URI Parameters

Name	Type	Description
tagName	string required: true	

### Responses

# fastly<sup>®</sup> Next-Gen WAF API

<b>shortName</b>	string required: true	The display name of the signal tag
<b>tagName</b>	string required: true	The identifier for the signal tag
<b>longName</b>	string read only: true, required: true	The display name of the signal tag - deprecated
<b>description</b>	string required: true	Optional signal tag description
<b>configurable</b>	boolean read only: true, required: true	
<b>informational</b>	boolean read only: true, required: true	
<b>needsResponse</b>	boolean read only: true, required: true	
<b>createdBy</b>	string read only: true	Email address of the user that created the resource
<b>created</b>	string read only: true, required: true	Created RFC3339 date time

## Response Example

```
{
  "shortName": "example signal tag",
  "tagName": "corp.example-signal-tag",
  "longName": "example signal tag",
  "description": "An example of a custom s
  "configurable": false,
```

# fastly Next-Gen WAF API

```
"created": "2020-02-06T23:28:54Z"
```

```
}
```

## Update corp signal tag

PATCH /corps/{corpName}/tags/{tagName}

### Request

#### URI Parameters

Name	Type	Description
tagName	string required: true	

#### Body (application/json)

Name	Type	Description
description	string max len: 140, required: true	Optional signal tag description

### Request Example

```
{
  "description": "An example of a custom sig
}
```

# fastly Next-Gen WAF API

Name	Type	Description
shortName	string required: true	The display name of the signal tag
tagName	string required: true	The identifier for the signal tag
longName	string read only: true, required: true	The display name of the signal tag - deprecated
description	string required: true	Optional signal tag description
configurable	boolean read only: true, required: true	
informational	boolean read only: true, required: true	
needsResponse	boolean read only: true, required: true	
createdBy	string read only: true	Email address of the user that created the resource
created	string read only: true, required: true	Created RFC3339 date time

## Response Example

```
{  
  "shortName": "example signal tag",  
  "tagName": "corp.example-signal-tag",  
  "longName": "example signal tag",
```

# fastly Next-Gen WAF API

```
"needsResponse": false,  
"createdBy": "user@example.com",  
"created": "2020-02-06T23:28:54Z"  
}
```

## Delete signal tag from corp

DELETE /corps/{corpName}/tags/{tagName}

### Request

### URI Parameters

Name	Type	Description
tagName	string required: true	

### Responses

#### HTTP 204

Delete successful

## Get all lists

GET /corps/{corpName}/lists

### Request

### Responses

#### HTTP 200

# fastly Next-Gen WAF API

required: true

## Response Example

```
{
  "data": [
    {
      "id": "corp.known-attackers",
      "name": "Known Attackers",
      "type": "ip",
      "description": "Malicious IPs we're tracking",
      "entries": [
        "198.51.100.165",
        "233.252.0.215",
        "192.0.2.186"
      ],
      "createdBy": "user@example.com",
      "created": "2018-08-06T18:57:55Z",
      "updated": "2018-08-13T15:26:01Z"
    },
    {
      "id": "corp.ofac-countries",
      "name": "OFAC Countries",
      "type": "country",
      "description": "Countries on the OFAC list",
      "entries": [
        "MM",
        "CI",
        "CU",
        "IR",
        "KP",
        "SY"
      ],
      "createdBy": "user@example.com",
```

# fastly Next-Gen WAF API

```
}
]
```

## Create list

POST /corps/{corpName}/lists

### Request

#### Body (application/json)

Name	Type	Description
name	string min len: 3, max len: 32	Descriptive list name
type	string	List types (string, ip, country, wildcard, signal)
description	string max len: 140	Optional list description
entries	string array	List entries

### Request Example

```
{
  "name": "My New List",
  "type": "ip",
  "description": "Some IPs we're putting in a li
  "entries": [
    "192.0.2.186",
    "198.51.100.138",
    "233.252.0.174"
```

# fastly Next-Gen WAF API

## Responses

### HTTP 200

Name	Type	Description
id	string	Site-specific unique ID of the list
name	string min len: 3, max len: 32	Descriptive list name
type	string	List types (string, ip, country, wildcard)
description	string max len: 140	Optional list description
entries	string array	List entries
createdBy	string read only: true	Email address of the user that created the item
created	string format: date-time, read only: true	Created RFC3339 date time
updated	string format: date-time, read only: true	Last updated RFC3339 date time

### Response Example

```
{
```

```
  "id": "corp.my-new-list",
```

# fastly Next-Gen WAF API

```

"entries": [
  "192.0.2.186",
  "198.51.100.138",
  "233.252.0.174"
],
"createdBy": "user@example.com",
"created": "2018-08-16T17:38:27Z",
"updated": "2018-08-16T17:38:27Z"
}

```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message":"List cannot be deleted because a rule uses it"}
```

## Get list by id

GET /corps/{corpName}/lists/{id}

## Request

## URI Parameters

Name	Type	Description
id	string required: true	

# fastly Next-Gen WAF API

## Responses

### HTTP 200

Name	Type	Description
id	string	Site-specific unique ID of the list
name	string min len: 3, max len: 32	Descriptive list name
type	string	List types (string, ip, country, wildcard)
description	string max len: 140	Optional list description
entries	string array	List entries
createdBy	string read only: true	Email address of the user that created the item
created	string format: date-time, read only: true	Created RFC3339 date time
updated	string format: date-time, read only: true	Last updated RFC3339 date time

### Response Example

```
{  
  "id": "corp.my-new-list",  
  "name": "My New List",  
  "type": "ip",  
  "description": "Some IPs we're putting in",  
  "entries": [  
    ]  
}
```

# fastly Next-Gen WAF API

```
    ],
    "createdBy": "user@example.com",
    "created": "2018-08-16T17:38:27Z",
    "updated": "2018-08-16T17:38:27Z"
  }
}
```

## HTTP 404

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message":"id not found"}
```

## Update list by id

PATCH /corps/{corpName}/lists/{id}

## Request

### URI Parameters

Name	Type	Description
id	string required: true	

## Body (application/json)

# fastly Next-Gen WAF API

entries	object <a href="#">Show attributes</a>
---------	---

## Request Example

```
{
  "entries": {
    "additions": [
      "192.0.2.19"
    ],
    "deletions": [
      "192.0.2.186",
      "233.252.0.174"
    ]
  }
}
```

## Responses

### HTTP 200

Name	Type	Description
id	string	Site-specific unique ID of the list
name	string min len: 3, max len: 32	Descriptive list name
type	string	List types (string, ip, country, wildcard)
description	string max len: 140	Optional list description

# fastly Next-Gen WAF API

	read only: true	item
created	string format: date-time, read only: true	Created RFC3339 date time
updated	string format: date-time, read only: true	Last updated RFC3339 date time

## Response Example

```
{
  "id": "corp.my-new-list",
  "name": "My New List",
  "type": "ip",
  "description": "Some IPs we're still putti
  "entries": [
    "198.51.100.138",
    "192.0.2.19"
  ],
  "createdBy": "user@example.com",
  "created": "2018-08-16T17:38:27Z",
  "updated": "2018-08-16T21:43:08Z"
}
```

## HTTP 404

Name	Type	Description
------	------	-------------

# fastly Next-Gen WAF API

## Response Example

```
{"message": "id not found"}
```

## Replace list by id

PUT /corps/{corpName}/lists/{id}

## Request

### URI Parameters

Name	Type	Description
id	string required: true	

### Body (application/json)

Name	Type	Description
description	string max len: 140	Optional list description
entries	string array	List entries

## Request Example

```
{  
  "description": "Some IPs we're still putti  
  "entries": [  
    "192.0.2.186",
```

# fastly Next-Gen WAF API

}

## Responses

### HTTP 200

Name	Type	Description
id	string	Site-specific unique ID of the list
name	string min len: 3, max len: 32	Descriptive list name
type	string	List types (string, ip, country, wildcard)
description	string max len: 140	Optional list description
entries	string array	List entries
createdBy	string read only: true	Email address of the user that created the item
created	string format: date-time, read only: true	Created RFC3339 date time
updated	string format: date-time, read only: true	Last updated RFC3339 date time

### Response Example

# fastly Next-Gen WAF API

```

name : My New List ,
"type": "ip",
"description": "Some IPs we're still putting",
"entries": [
  "192.0.2.186",
  "233.252.0.174",
  "198.51.100.193"
],
"createdBy": "user@example.com",
"created": "2018-08-16T17:38:27Z",
"updated": "2018-08-16T21:43:08Z"
}

```

## HTTP 404

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message": "ID not found"}
```

## Delete list

DELETE /corps/{corpName}/lists/{id}

## Request

## URI Parameters

# fastly Next-Gen WAF API

## Responses

### HTTP 204

Successful removal from the list

### HTTP 404

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message": "ID not found"}
```

## List corp integrations

GET /corps/{corpName}/integrations

## Request

## Responses

### HTTP 200

Name	Type	Description
data	integration array <a href="#">Show attributes</a>	

# fastly Next-Gen WAF API

## Response Example

```
{
  "data": [
    {
      "id": "556a8abb3dfaa4ff28000002",
      "name": "Slack message",
      "type": "slack",
      "url": "https://hooks.slack.com/services/T",
      "fields": null,
      "events": [
        "corpUpdated"
      ],
      "active": true,
      "note": "Sample",
      "createdBy": "user@example.com",
      "created": "2015-02-14T21:17:16Z",
      "lastStatusCode": 0
    }
  ]
}
```

## Create corp integration

POST /corps/{corpName}/integrations

### Request

#### Body (application/json)

Name	Type	Description
url	string required: true	Integration URL

# fastly Next-Gen WAF API

		pagerduty, microsoftTeams, jira, opsgenie, victorops, pivotaltracker)
events	string array required: true	Array of event types. Visit our <a href="#">integrations documentation</a> to find out which events the service you are connecting allows.
note	string	Integration note

## Request Example

```
{
  "url": "https://hooks.slack.com/services/T00000",
  "type": "slack",
  "events": [
    "corpUpdated"
  ],
  "note": ""
}
```

## Responses

### HTTP 200

Name	Type	Description
ID	string read only: true, required: true	Unique ID of the integration
Type	string required: true	Corp integration types: (mailingList, slack, microsoftTeams). Site integration types: (mailingList, slack, datadog, generic,

# fastly Next-Gen WAF API

	required: true	
ExtraFields	string,null required: true	
Events	string array required: true	Array of event types. Visit our <a href="#">integrations documentation</a> to find out which events the service you are connecting allows.
Active	boolean read only: true, required: true	
CreatedBy	string read only: true, required: true	Email address of the user that created the integration
CreatedByID	string read only: true	ID of the user that created the integration
Note	string required: true	Integration note
Created	string format: date-time, read only: true, required: true	Created RFC3339 date time
LastStatusCode	number read only: true, required: true	

## Response Example

```
{
  "ID": "5e2f5d17f13d66152d396956",
  "Type": "slack",
  "URL": "https://hooks.slack.com/services/T00",
  "ExtraFields": null,
  "Events": [
```

# fastly Next-Gen WAF API

```
"CreatedBy": "user@example.com",  
"CreatedByID": "5e222f75f13d666c9eaec7d9",  
"Note": "",  
"Created": "2020-01-27T21:58:47.608359Z",  
"LastStatusCode": 0  
}
```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message": "Validation failed"}
```

## Get corp integration by id

GET /corps/{corpName}/integrations/{id}

## Request

### URI Parameters

Name	Type	Description
id	string required: true	

# fastly Next-Gen WAF API

pretty	boolean	Pretty print the json output

## Responses

### HTTP 200

Name	Type	Description
id	string read only: true, required: true	Unique id of the integration
name	string required: true	Integration name
type	string required: true	Corp integration types: (mailingList, slack, microsoftTeams). Site integration types: (mailingList, slack, datadog, generic, pagerduty, microsoftTeams, jira, opsgenie, victorops, pivotaltracker)
url	string required: true	Integration URL
fields	object,null required: true	
events	string array required: true	Array of event types. Visit our <a href="#">integrations documentation</a> to find out which events the service you are connecting allows.
active	boolean read only: true, required: true	
note	string	Integration note
createdBy	string read only: true, required: true	Email address of the user that created the item

# fastly Next-Gen WAF API

	read only: true, required: true
lastStatusCode	number read only: true, required: true

## Response Example

```
{
  "id": "556a8abb3dfaa4ff28000002",
  "name": "Slack message",
  "type": "slack",
  "url": "https://hooks.slack.com/services",
  "fields": null,
  "events": [
    "corpUpdated"
  ],
  "active": true,
  "note": "Sample",
  "createdBy": "user@example.com",
  "created": "2015-02-14T21:17:16Z",
  "lastStatusCode": 0
}
```

## HTTP 404

Name	Type	Description
message	string read only: true	Error message

# fastly Next-Gen WAF API

## Update corp integration by id

PATCH /corps/{corpName}/integrations/{id}

### Request

### URI Parameters

Name	Type	Description
id	string required: true	

### Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

### Body (application/json)

Name	Type	Description
url	string	Integration URL
events	string array	Array of event types. Visit our <a href="#">integrations documentation</a> to find out which events the service you are connecting allows.

### Request Example

# fastly Next-Gen WAF API

```
events : [ created , completed ]
}
```

## Responses

### HTTP 204

Successful update

### HTTP 400

Name	Type	Description
message	string read only: true	Error message

### Response Example

```
{"message":"Validation failed"}
```

### HTTP 404

Name	Type	Description
message	string read only: true	Error message

### Response Example

# fastly Next-Gen WAF API

## Delete corp integration

DELETE /corps/{corpName}/integrations/{id}

### Request

### URI Parameters

Name	Type	Description
id	string required: true	

### Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

### Responses

#### HTTP 204

Successful removal from the list

#### HTTP 404

Name	Type	Description
message	string read only: true	Error message

### Response Example

# fastly Next-Gen WAF API

## Test corp integration by id

POST /corps/{corpName}/integrations/{id}/test

### Request

### URI Parameters

Name	Type	Description
id	string required: true	

### Responses

#### HTTP 200

Test successful

#### HTTP 500

Test failed

## List CloudWAF instances

GET /corps/{corpName}/cloudwafInstances

### Request

### Responses

#### HTTP 200

Name	Type	Description
------	------	-------------

# fastly Next-Gen WAF API

[Show attributes](#)

## Create CloudWAF instance

POST /corps/{corpName}/cloudwafInstances

### Request

#### Body (application/json)

Name	Type	Description
name	string required: true	Friendly name to identify a CloudWAF instance.
description	string required: true	Friendly description to identify a CloudWAF instance.
region	string required: true	Region the CloudWAF Instance is being deployed to.(Supported region: "us-east-1", "us-west-1", "af-south-1", "ap-northeast-1", "ap-northeast-2", "ap-south-1", "ap-southeast-1", "ap-southeast-2", "ca-central-1", "eu-central-1", "eu-north-1", "eu-west-1", "eu-west-2", "eu-west-3", "sa-east-1", "us-east-2", "us-west-2").
tlsMinVersion	string required: true	TLS minimum version. Versions Available: "1.0", "1.2".
useUploadedCertificates	boolean required: true	Allows switching between using an uploaded certificate or using the default certificate. When disabled, the default certificate is used.
workspaceConfigs	object array <a href="#">Show attributes</a> required: true	

# fastly Next-Gen WAF API

```
"name": "test",
"description": "test",
"region": "us-east-1",
"tlsMinVersion": "1.2",
"useUploadedCertificates": true,
"workspaceConfigs": [
  {
    "siteName": "www.example.com",
    "instanceLocation": "direct",
    "clientIPHeader": "",
    "listenerProtocols": ["https"],
    "routes": [
      {
        "certificateIds": ["id"],
        "domains": ["www.example.com"],
        "origin": "https://origin.example.com",
        "passHostHeader": false,
        "connectionPooling": true,
        "trustProxyHeaders": false
      }
    ]
  }
]
```

## Responses

### HTTP 200

Name	Type	Description
id	string	CloudWAF instance unique identifier.

# fastly<sup>®</sup> Next-Gen WAF API

description	string	Friendly description to identify a CloudWAF instance.
region	string	Region the CloudWAF Instance is being deployed to.
tlsMinVersion	string	TLS minimum version.
useUploadedCertificate	boolean	Allows switching between using an uploaded certificate or using the default certificate. When disabled, the default certificate is used.
workspaceConfigs	object array <a href="#">Show attributes</a>	
deployment	object <a href="#">Show attributes</a>	

## HTTP 400

### Response Example

```
{"message": "An absolute URI including a scheme is required: unexpected origin,"}
```

## Get CloudWAF instance by id

GET /corps/{corpName}/cloudwafInstances/{deployment\_id}

### Request

### URI Parameters

Name	Type	Description
deployment_id	string required: true	

# fastly Next-Gen WAF API

## Responses

### HTTP 200

Name	Type	Description
id	string	CloudWAF instance unique identifier.
name	string	Friendly name to identify a CloudWAF instance.
description	string	Friendly description to identify a CloudWAF instance.
region	string	Region the CloudWAF Instance is being deployed to.
tlsMinVersion	string	TLS minimum version.
useUploadedCertificates	boolean	Allows switching between using an uploaded certificate or using the default certificate. When disabled, the default certificate is used.
workspaceConfigs	object array <a href="#">Show attributes</a>	
deployment	object <a href="#">Show attributes</a>	

### Response Example

```
{
  "id": "id1",
  "name": "website",
  "description": "a website",
  "region": "us-east-1",
  "tlsMinVersion": "1.2",
```

# fastly Next-Gen WAF API

```
"siteName": "www.example.com",
"instanceLocation": "direct",
"clientIPHeader": "",
"listenerProtocols": ["https"],
"routes": [
  {
    "certificateIds": ["id2"],
    "domains": ["www.example.com"],
    "origin": "https://www.origin.exam",
    "passHostHeader": false,
    "id": "id3",
    "connectionPooling": true,
    "trustProxyHeaders": false
  }
]
},
"deployment": {
  "status": "done",
  "message": "",
  "egressIPs": [
    {
      "ip": "233.252.0.152",
      "status": "reachable",
      "updatedAt": "2021-04-08T17:10:58Z"
    }
  ],
  "dnsEntry": "example.signalsciencescloud",
  "useUploadedCertificates": true,
  "createdBy": "user@example.com",
  "created": "2021-04-08T15:50:46Z"
}
```

# fastly Next-Gen WAF API

## Request

### URI Parameters

Name	Type	Description
deployment_id	string required: true	

### Body (application/json)

Name	Type	Description
name	string required: true	Friendly name to identify a CloudWAF instance.
description	string required: true	Friendly description to identify a CloudWAF instance.
region	string required: true	Region the CloudWAF Instance is being deployed to.(Supported region: "us-east-1", "us-west-1", "af-south-1", "ap-northeast-1", "ap-northeast-2", "ap-south-1", "ap-southeast-1", "ap-southeast-2", "ca-central-1", "eu-central-1", "eu-north-1", "eu-west-1", "eu-west-2", "eu-west-3", "sa-east-1", "us-east-2", "us-west-2").
tlsMinVersion	string required: true	TLS minimum version. Versions Available: "1.0", "1.2".
useUploadedCertificates	boolean required: true	Allows switching between using an uploaded certificate or using the default certificate. When disabled, the default certificate is used.
workspaceConfigs	object array <a href="#">Show attributes</a>	

# fastly Next-Gen WAF API

## Responses

### HTTP 200

Name	Type	Description
id	string	CloudWAF instance unique identifier.
name	string	Friendly name to identify a CloudWAF instance.
description	string	Friendly description to identify a CloudWAF instance.
region	string	Region the CloudWAF Instance is being deployed to.
tlsMinVersion	string	TLS minimum version.
useUploadedCertificate	boolean	Allows switching between using an uploaded certificate or using the default certificate. When disabled, the default certificate is used.
workspaceConfigs	object array <a href="#">Show attributes</a>	
deployment	object <a href="#">Show attributes</a>	

### HTTP 400

#### Response Example

```
{"message": "An absolute URI including a scheme is required: unexpected origin,"}
```

# fastly Next-Gen WAF API

## Request

### URI Parameters

Name	Type	Description
deployment_id	string required: true	

## Responses

### HTTP 204

delete successful

### HTTP 400

#### Response Example

```
{"message": "cannot delete with pending instance"}
```

## Restart CloudWAF instance

POST /corps/{corpName}/cloudwafInstances/{deployment\_id}/restart

## Request

### URI Parameters

Name	Type	Description
deployment_id	string required: true	

# fastly Next-Gen WAF API

restart successful

## List CloudWAF certificates

GET /corps/{corpName}/cloudwafCerts

### Request

### Responses

#### HTTP 200

Name	Type	Description
data	cloudwafCertResponse array <a href="#">Show attributes</a>	

## Upload CloudWAF certificate

POST /corps/{corpName}/cloudwafCerts

### Request

#### Body (application/json)

Name	Type	Description
name	string	Friendly name to identify a CloudWAF certificate
domains	string array	List of domains - deprecated
privateKey	string	Private key of the certificate in PEM format - must be unencrypted
certificateBody	string	Body of the certificate in PEM format

# fastly Next-Gen WAF API

## Request Example

```
{
  "name": "someCertificate",
  "domains": [
    "example.com"
  ],
  "privateKey": "-----BEGIN PRIVATE KEY-----\n s
  "certificateBody": "-----BEGIN CERTIFICATE-----
  "certificateChain": ""
}
```

## Responses

### HTTP 201

Name	Type	Description
id	string	CloudWAF certificate unique identifier

## Response Example

```
{"id": "someCertificate-id" }
```

### HTTP 400

## Response Example

# fastly Next-Gen WAF API

## Get CloudWAF certificate by id

GET /corps/{corpName}/cloudwafCerts/{id}

### Request

### URI Parameters

Name	Type	Description
id	string required: true	

### Responses

#### HTTP 200

Name	Type	Description
id	string	CloudWAF certificate unique identifier
name	string	Friendly name to identify a CloudWAF certificate
commonName	string	Common name of the uploaded certificate
subjectAlternativeNames	string array	Subject alternative names from the uploaded certificate
domains	string array min len: 1	List of domains - deprecated
certificateBody	string	Body of the certificate in PEM format
certificateChain	string	Certificate chain in PEM format
fingerprint	string	SHA1 fingerprint of the certificate

# fastly Next-Gen WAF API

status	string	Current status of the certificate - could be one of "unknown", "active", "pendingverification", "expired", "error"
createdBy	string	Email address of the user that created the certificate
created	string format: date-time	Created RFC3339 date time
updatedBy	string	Email address of the user that updated the certificate
updatedAt	string format: date-time	Updated RFC3339 date time

## Response Example

```
{
  "id": "some-id",
  "name": "website",
  "domains": ["example.com"],
  "certificateBody": "-----BEGIN CERTIFICATE-----",
  "certificateChain": "",
  "fingerprint": "",
  "expiresAt": "2021-05-02T20:48:02Z",
  "status": "active",
  "createdBy": "user@example.com",
  "created": "2021-02-01T22:05:23Z",
  "updatedBy": "user@example.com",
  "updatedAt": "2021-02-01T22:06:17Z"
}
```

# fastly Next-Gen WAF API

## Request

### URI Parameters

Name	Type	Description
id	string required: true	

### Body (application/json)

Name	Type	Description
name	string min len: 1	Friendly name to identify a CloudWAF certificate

## Request Example

```
{
  "name": "some name"
}
```

## Responses

### HTTP 200

Name	Type	Description
id	string	CloudWAF certificate unique identifier
name	string	Friendly name to identify a CloudWAF certificate

# fastly Next-Gen WAF API

		uploaded certificate
domains	string array min len: 1	List of domains - deprecated
certificateBody	string	Body of the certificate in PEM format
certificateChain	string	Certificate chain in PEM format
fingerprint	string	SHA1 fingerprint of the certificate
expiresAt	string format: date-time	TimeStamp for when certificate expires in RFC3339 date time format
status	string	Current status of the certificate - could be one of "unknown", "active", "pendingverification", "expired", "error"
createdBy	string	Email address of the user that created the certificate
created	string format: date-time	Created RFC3339 date time
updatedBy	string	Email address of the user that updated the certificate
updatedAt	string format: date-time	Updated RFC3339 date time

## Response Example

```
{
  "id": "some-id",
  "name": "some certificate",
  "domains": [
    "website"
  ]
}
```

# fastly Next-Gen WAF API

```
"fingerprint": "",  
"expiresAt": "2022-01-28T20:32:47Z",  
"status": "active",  
"createdBy": "user@example.com",  
"created": "2021-01-28T20:34:06.952625Z",  
"updatedBy": "user@example.com",  
"updatedAt": "2021-03-10T17:51:17.540049Z"}
```

## HTTP 400

### Response Example

```
{"message": "name cannot be empty"}
```

## Delete CloudWAF certificate by id

DELETE /corps/{corpName}/cloudwafCerts/{id}

### Request

### URI Parameters

Name	Type	Description
id	string required: true	

### Responses

## HTTP 204

Delete successful

# fastly Next-Gen WAF API

```
{"message":"certificate f179ae5fd6d8b5f742753e7019936d7e58e5c5bf used in deploym
```

## Sites

### List sites in corp

GET /corps/{corpName}/sites

### Request

### URI Parameters

Name	Type	Description
corpName	string matching: [0-9a-z_-.]+, required: true	Corp shortname

### Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output
name	string	Filter on site name or display name
page	integer default: 1	The page of the results
limit	integer default: 10	The number of entries to be returned
agentLevel	one of (block,log,off)	Filter on agent mode

# fastly Next-Gen WAF API

## Responses

### HTTP 200

Name	Type	Description
data	site array <a href="#">Show attributes</a> required: true	

### Response Example

```
{
  "data": [
    {
      "name": "www.example.com",
      "displayName": "My Website",
      "agentLevel": "block",
      "blockHTTPCode": 406,
      "blockDurationSeconds": 86400,
      "created": "2014-12-09T10:43:54-08:00",
      "whitelist": {
        "uri": "/api/v0/corps/testcorp/sites/www.e
      },
      "blacklist": {
        "uri": "/api/v0/corps/testcorp/sites/www.e
      },
      "events": {
        "uri": "/api/v0/corps/testcorp/sites/www.e
      },
      "requests": {
        "uri": "/api/v0/corps/testcorp/sites/www.e
      },
      "redactions": {
```

# fastly Next-Gen WAF API

```

        "uri": "/api/v0/corps/testcorp/sites/www.exa
    },
    "monitors": {
        "uri": "/api/v0/corps/testcorp/sites/www.exa
    },
    "integrations": {
        "uri": "/api/v0/corps/testcorp/sites/www.exa
    },
    "headerLinks": {
        "uri": "/api/v0/corps/testcorp/sites/www.exa
    },
    "agents": {
        "uri": "/api/v0/corps/testcorp/sites/www.exa
    },
    "alerts": {
        "uri": "/api/v0/corps/testcorp/sites/www.exa
    },
    "analyticsEvents": {
        "uri": "/api/v0/corps/testcorp/sites/www.exa
    },
    "topAttacks": {
        "uri": "/api/v0/corps/testcorp/sites/www.exa
    },
    "members": {
        "uri": "/api/v0/corps/testcorp/sites/www.exa
    }
}
]
}

```

## Create site in corp

POST /corps/{corpName}/sites

### Request

# fastly Next-Gen WAF API

corpName	string matching: [0-9a-z_.-]+, required: true	Corp shortname
----------	---	----------------

## Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

## Body (application/json)

Name	Type	Description
name	string min len: 3, max len: 100	Identifying name of the site
displayName	string min len: 3, max len: 100	Display name of the site
agentLevel	string enum: block,log,off	Agent action level - 'block', 'log' or 'off'
agentAnonMode	string default: off, enum: EU,off	Agent IP anonimization mode - 'EU' or 'off'
blockDurationSeconds	integer default: 86400, format: int32, max: 31556900	Duration to block an IP in seconds
blockHTTPCode	integer default: 406, format: int32, min: 301,	HTTP response code to send when when traffic is being blocked

# fastly Next-Gen WAF API

attackThresholds	object array <a href="#">Show attributes</a>	Attack threshold parameters for <a href="#">system site alerts</a>
------------------	---	--

## Request Example

```
{
  "name": "www.example.com",
  "displayName": "Example Website",
  "agentLevel": "block",
  "blockDurationSeconds": 259200,
  "blockHTTPCode": 302,
  "blockRedirectURL": "/blocked/"
}
```

## Responses

### HTTP 200

Name	Type	Description
name	string min len: 3, max len: 100	Identifying name of the site
displayName	string min len: 3, max len: 100	Display name of the site
agentLevel	string enum: block,log,off	Agent action level - 'block', 'log' or 'off'
agentAnonMode	string default: off, enum: EU,off	Agent IP anonymization mode - 'EU' or 'off'

# fastly Next-Gen WAF API

	max: 31556900	
<b>blockHTTPCode</b>	integer default: 406, format: int32, min: 301, max: 599	HTTP response code to send when when traffic is being blocked
<b>blockRedirectURL</b>	string	URL to redirect to when blockHTTPCode is 301 or 302
<b>created</b>	string format: date-time, read only: true	Created RFC3339 date time
<b>whitelist</b>	object <a href="#">Show attributes</a>	
<b>blacklist</b>	object <a href="#">Show attributes</a>	
<b>blocklist</b>	object <a href="#">Show attributes</a>	
<b>events</b>	object <a href="#">Show attributes</a>	
<b>requests</b>	object <a href="#">Show attributes</a>	
<b>redactions</b>	object <a href="#">Show attributes</a>	
<b>suspiciousIPs</b>	object <a href="#">Show attributes</a>	
<b>monitors</b>	object <a href="#">Show attributes</a>	
<b>integrations</b>	object <a href="#">Show attributes</a>	
<b>headerLinks</b>	object <a href="#">Show attributes</a>	

# fastly Next-Gen WAF API

	object	
	<a href="#">Show attributes</a>	
analyticsEvents	object	
	<a href="#">Show attributes</a>	
topAttacks	object	
	<a href="#">Show attributes</a>	
members	object	
	<a href="#">Show attributes</a>	
attackThresholds	object array	Attack threshold parameters for <a href="#">system site alerts</a>
	<a href="#">Show attributes</a>	

## Response Example

```
{
  "name": "www.example.com",
  "displayName": "My Website1",
  "agentLevel": "block",
  "blockHTTPCode": 302,
  "blockDurationSeconds": 259200,
  "blockRedirectURL": "/blocked/",
  "created": "2014-12-09T10:43:54-08:00",
  "whitelist": {
    "uri": "/api/v0/corps/testcorp/sites/www.example.c
  },
  "blacklist": {
    "uri": "/api/v0/corps/testcorp/sites/www.example.c
  },
  "events": {
    "uri": "/api/v0/corps/testcorp/sites/www.example.c
  },
  "requests": {
    "uri": "/api/v0/corps/testcorp/sites/www.example.c
  },
}
```

# fastly Next-Gen WAF API

```
"suspiciousIPs": {
  "uri": "/api/v0/corps/testcorp/sites/www.example.c
},
"monitors": {
  "uri": "/api/v0/corps/testcorp/sites/www.example.c
},
"integrations": {
  "uri": "/api/v0/corps/testcorp/sites/www.example.c
},
"headerLinks": {
  "uri": "/api/v0/corps/testcorp/sites/www.example.c
},
"agents": {
  "uri": "/api/v0/corps/testcorp/sites/www.example.c
},
"alerts": {
  "uri": "/api/v0/corps/testcorp/sites/www.example.c
},
"analyticsEvents": {
  "uri": "/api/v0/corps/testcorp/sites/www.example.c
},
"topAttacks": {
  "uri": "/api/v0/corps/testcorp/sites/www.example.c
},
"tags": {
  "uri": "/api/v0/corps/testcorp/sites/www.example.c
},
"rules": {
  "uri": "/api/v0/corps/testcorp/sites/www.example.c
},
"members": {
  "uri": "/api/v0/corps/testcorp/sites/www.example.c
}
```

# fastly Next-Gen WAF API

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message": "Invalid block code – must be between 100 and 599"}
```

## Get site by name

GET /corps/{corpName}/sites/{siteName}

## Request

## URI Parameters

Name	Type	Description
siteName	string matching: [0-9a-z_.-]+, required: true	

## Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

# fastly Next-Gen WAF API

Name	Type	Description
name	string min len: 3, max len: 100	Identifying name of the site
displayName	string min len: 3, max len: 100	Display name of the site
agentLevel	string enum: block,log,off	Agent action level - 'block', 'log' or 'off'
agentAnonMode	string default: off, enum: EU,off	Agent IP anonymization mode - 'EU' or 'off'
blockDurationSeconds	integer default: 86400, format: int32, max: 31556900	Duration to block an IP in seconds
blockHTTPCode	integer default: 406, format: int32, min: 301, max: 599	HTTP response code to send when when traffic is being blocked
blockRedirectURL	string	URL to redirect to when blockHTTPCode is 301 or 302
created	string format: date-time, read only: true	Created RFC3339 date time
whitelist	object <a href="#">Show attributes</a>	
blacklist	object <a href="#">Show attributes</a>	
blocklist	object <a href="#">Show attributes</a>	

# fastly Next-Gen WAF API

requests	object	
	<a href="#">Show attributes</a>	
redactions	object	
	<a href="#">Show attributes</a>	
suspiciousIPs	object	
	<a href="#">Show attributes</a>	
monitors	object	
	<a href="#">Show attributes</a>	
integrations	object	
	<a href="#">Show attributes</a>	
headerLinks	object	
	<a href="#">Show attributes</a>	
agents	object	
	<a href="#">Show attributes</a>	
alerts	object	
	<a href="#">Show attributes</a>	
analyticsEvents	object	
	<a href="#">Show attributes</a>	
topAttacks	object	
	<a href="#">Show attributes</a>	
members	object	
	<a href="#">Show attributes</a>	
attackThresholds	object array	Attack threshold parameters for <a href="#">system site alerts</a>
	<a href="#">Show attributes</a>	

## Response Example

```
{
  "name": "www.example.com",
  "displayName": "My Website",
  "agentLevel": "block",
```

# fastly Next-Gen WAF API

```
"whitelist": {
  "uri": "/api/v0/corps/testcorp/sites/www.examp
},
"blacklist": {
  "uri": "/api/v0/corps/testcorp/sites/www.examp
},
"events": {
  "uri": "/api/v0/corps/testcorp/sites/www.examp
},
"requests": {
  "uri": "/api/v0/corps/testcorp/sites/www.examp
},
"redactions": {
  "uri": "/api/v0/corps/testcorp/sites/www.examp
},
"suspiciousIPs": {
  "uri": "/api/v0/corps/testcorp/sites/www.examp
},
"rateLimitedIPs": {
  "uri": "/api/v0/corps/testcorp/sites/www.examp
},
"monitors": {
  "uri": "/api/v0/corps/testcorp/sites/www.examp
},
"integrations": {
  "uri": "/api/v0/corps/testcorp/sites/www.examp
},
"headerLinks": {
  "uri": "/api/v0/corps/testcorp/sites/www.examp
},
"agents": {
  "uri": "/api/v0/corps/testcorp/sites/www.examp
},
>alerts": {
  "uri": "/api/v0/corps/testcorp/sites/www.examp
},
```

# fastly Next-Gen WAF API

```

    "topAttacks": {
      "uri": "/api/v0/corps/testcorp/sites/www.examp
    },
    "members": {
      "uri": "/api/v0/corps/testcorp/sites/www.examp
    }
  }
}

```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message":"Invalid site"}
```

## Update a site by name

PATCH /corps/{corpName}/sites/{siteName}

## Request

## URI Parameters

Name	Type	Description
------	------	-------------

# fastly Next-Gen WAF API

required: true

## Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

## Body (application/json)

Name	Type	Description
name	string min len: 3, max len: 100	Identifying name of the site
displayName	string min len: 3, max len: 100	Display name of the site
agentLevel	string enum: block,log,off	Agent action level - 'block', 'log' or 'off'
agentAnonMode	string default: off, enum: EU,off	Agent IP anonymization mode - 'EU' or 'off'
blockDurationSeconds	integer default: 86400, format: int32, max: 31556900	Duration to block an IP in seconds
blockHTTPCode	integer default: 406, format: int32, min: 301, max: 599	HTTP response code to send when when traffic is being blocked

# fastly Next-Gen WAF API

attackThresholds	object array <a href="#">Show attributes</a>	Attack threshold parameters for <a href="#">system site alerts</a>
------------------	---	--

## Request Example

```
{
  "displayName": "My Website1",
  "agentLevel": "block",
  "blockDurationSeconds": 259200,
  "attackThresholds": [
    {
      "interval": 1,
      "threshold": 25
    },
    {
      "interval": 10,
      "threshold": 60
    },
    {
      "interval": 60,
      "threshold": 100
    }
  ]
}
```

## Responses

### HTTP 200

Name	Type	Description
name	string min len: 3,	Identifying name of the site

# fastly Next-Gen WAF API

	max len: 100	
<b>agentLevel</b>	string enum: block,log,off	Agent action level - 'block', 'log' or 'off'
<b>agentAnonMode</b>	string default: off, enum: EU,off	Agent IP anonymization mode - 'EU' or 'off'
<b>blockDurationSeconds</b>	integer default: 86400, format: int32, max: 31556900	Duration to block an IP in seconds
<b>blockHTTPCode</b>	integer default: 406, format: int32, min: 301, max: 599	HTTP response code to send when when traffic is being blocked
<b>blockRedirectURL</b>	string	URL to redirect to when blockHTTPCode is 301 or 302
<b>created</b>	string format: date-time, read only: true	Created RFC3339 date time
<b>whitelist</b>	object <a href="#">Show attributes</a>	
<b>blacklist</b>	object <a href="#">Show attributes</a>	
<b>blocklist</b>	object <a href="#">Show attributes</a>	
<b>events</b>	object <a href="#">Show attributes</a>	
<b>requests</b>	object <a href="#">Show attributes</a>	
<b>redactions</b>	object <a href="#">Show attributes</a>	

# fastly Next-Gen WAF API

	object	
	object	
integrations	object	
headerLinks	object	
agents	object	
alerts	object	
analyticsEvents	object	
topAttacks	object	
members	object	
attackThresholds	object array	Attack threshold parameters for <a href="#">system site alerts</a>

## Response Example

```
{
  "name": "www.example.com",
  "displayName": "My Website1",
  "agentLevel": "block",
  "blockHTTPCode": 406,
  "blockDurationSeconds": 259200,
  "created": "2014-12-09T10:43:54-08:00",
  "whitelist": {
    "uri": "/api/v0/corps/testcorp/sites/www.examp
  },
  "blacklist": {
```

# fastly Next-Gen WAF API

```
        "uri": "/api/v0/corps/testcorp/sites/www.examp
    },
    "requests": {
        "uri": "/api/v0/corps/testcorp/sites/www.examp
    },
    "redactions": {
        "uri": "/api/v0/corps/testcorp/sites/www.examp
    },
    "suspiciousIPs": {
        "uri": "/api/v0/corps/testcorp/sites/www.examp
    },
    "rateLimitedIPs": {
        "uri": "/api/v0/corps/testcorp/sites/www.examp
    },
    "monitors": {
        "uri": "/api/v0/corps/testcorp/sites/www.examp
    },
    "integrations": {
        "uri": "/api/v0/corps/testcorp/sites/www.examp
    },
    "headerLinks": {
        "uri": "/api/v0/corps/testcorp/sites/www.examp
    },
    "agents": {
        "uri": "/api/v0/corps/testcorp/sites/www.examp
    },
    "alerts": {
        "uri": "/api/v0/corps/testcorp/sites/www.examp
    },
    "analyticsEvents": {
        "uri": "/api/v0/corps/testcorp/sites/www.examp
    },
    "topAttacks": {
        "uri": "/api/v0/corps/testcorp/sites/www.examp
    },
    "tags": {
```

# fastly Next-Gen WAF API

```
        "uri": "/api/v0/corps/testcorp/sites/www.examp
    },
    "members": {
        "uri": "/api/v0/corps/testcorp/sites/www.examp
    },
    "attackThresholds": [
        {
            "interval": 1,
            "threshold": 25
        },
        {
            "interval": 10,
            "threshold": 60
        },
        {
            "interval": 60,
            "threshold": 100
        }
    ]
}
```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message":"Invalid block code – must be between 100 and 599"}
```

# fastly Next-Gen WAF API

DELETE /corps/{corpName}/sites/{siteName}

## Request

### URI Parameters

Name	Type	Description
siteName	string matching: [0-9a-z_.-]+, required: true	

### Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

## Responses

### HTTP 204

Delete successful

## Deploy site to edge

PUT /corps/{corpName}/sites/{siteName}/edgeDeployment

Configure the Next-Gen WAF site for Edge Deployment.

## Request

## Headers

# fastly Next-Gen WAF API

## Responses

### HTTP 200

Initialization successful

### Remove an Edge Deployment

DELETE /corps/{corpName}/sites/{siteName}/edgeDeployment

Remove the Edge Deployment of a Next-Gen WAF Site. It does not affect other Site configurations or prevent the Site from being re-deployed to the edge again later.

## Request

## Headers

Name	Type	Description
Content-Type	string required: true	Must be 'application/json'

## Responses

### HTTP 200

Edge Deployment successfully removed

### List site activity events

GET /corps/{corpName}/sites/{siteName}/analytics/events

## Request

# fastly<sup>®</sup> Next-Gen WAF API

from	integer	The POSIX Unix time to start
until	integer	The POSIX Unix time to end
sort	one of (asc,desc) default: desc, enum: asc,desc	The sort order
since_id	string	The id of the last object in the set
max_id	string	The id of the last object in the set
limit	integer default: 100, max: 1000	The number of entries to be returned per page
page	integer	The page of the results. Each page is limited to 1,000 requests, and a maximum of 10,000 requests in total will be returned.
pretty	boolean	Pretty print the json output
events	one of (alerts,audits,excludeAgentsOnline) enum: alerts,audits,excludeAgentsOnline	Filter on events
eventType	string	Filter on event type

## Responses

### HTTP 200

Name	Type	Description
------	------	-------------

# fastly Next-Gen WAF API

	<a href="#">Show attributes</a>
data	activityevent array <a href="#">Show attributes</a> required: true

## Response Example

```
{
  "totalCount": 5,
  "next": {
    "uri": "/api/v0/corps/testcorp/sites/www.example.com"
  },
  "data": [
    {
      "id": "558cf75c3dfaa4b9c2000001",
      "eventType": "blacklistIP",
      "msgData": {"ip": "192.0.2.149"},
      "message": "User (user@example.com) blacklisted IP",
      "created": "2015-02-14T21:17:16Z"
    }
  ]
}
```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

# fastly Next-Gen WAF API

## Create or Update Delivery Integration

PUT /corps/{corpName}/sites/{siteName}/deliveryIntegration/{fastlySID}

Connect this site to a Delivery service to protect traffic going to origin. Deploys or updates latest VCL and configuration to the Delivery service. Copies backends from the Delivery service to the Edge Deployment. These configurations are needed to forward traffic to the WAF. Note that the changes to the Fastly service will be activated unless the `activateVersion` field is passed as `false`.

### Request

#### URI Parameters

Name	Type	Description
fastlySID	string matching: [0-9a-zA-Z]+, required: true	Fastly service ID

### Headers

Name	Type	Description
Fastly-Key	string required: true	Fastly API key with write access to the Fastly service
Content-Type	string required: true	Must be 'application/json'

### Body (application/json)

# fastly Next-Gen WAF API

	max: 100	inspected by Next-Gen WAF
activateVersion	boolean default: true	Optional flag that indicates whether the VCL version should be activated ( <b>true</b> ) or not activated ( <b>false</b> )

## Request Example

```
{
  "percentEnabled": 0,
  "activateVersion": true
}
```

## Responses

### HTTP 200

Service configuration successful

### Detach Edge Deployment Service

DELETE /corps/{corpName}/sites/{siteName}/deliveryIntegration/{fastlySID}

Stop securing the given Delivery service and disconnect the Fastly service from this Edge Deployment.

## Request

## URI Parameters

Name	Type	Description
------	------	-------------

# fastly Next-Gen WAF API

required: true

## Headers

Name	Type	Description
Fastly-Key	string required: true	Fastly API key with write access to the Fastly service
Content-Type	string required: true	Must be 'application/json'

## Responses

### HTTP 200

Service detachment successful

### Update Edge Deployment Backends

PUT /corps/{corpName}/sites/{siteName}/deliveryIntegration/{fastlySID}/backends

Check if any changes were made to the Fastly service's backends and updates the Edge Deployment if necessary. Note that the Fastly service must already be configured for Edge Deployment.

## Request

### Headers

Name	Type	Description
Fastly-Key	string required: true	Fastly API key with read access to the Fastly service
Content-Type	string required: true	Must be 'application/json'

# fastly Next-Gen WAF API

## Responses

### HTTP 200

Backend syncing successful

### List site members

GET /corps/{corpName}/sites/{siteName}/members

## Request

## Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

## Responses

### HTTP 200

Name	Type	Description
data	siteMember array <a href="#">Show attributes</a> required: true	

## Response Example

```
{
  "data": [
    {
      "user": {
        "name": "Example User",
```

# fastly Next-Gen WAF API

```

        "corpAuthType": "builtin",
        "apiUser": false
      },
      "role": "owner"
    }
  ]
}

```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message": "Invalid site"}
```

## Add members to site

POST /corps/{corpName}/sites/{siteName}/members

## Request

## Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

## Body (application/json)

# fastly Next-Gen WAF API

required: true

## Request Example

```
{
  "members": ["user@example.com"]
}
```

## Responses

### HTTP 200

Name	Type	Description
data	siteMember array <a href="#">Show attributes</a> required: true	

## Response Example

```
{
  "data": [
    {
      "user": {
        "name": "Example User",
        "email": "user@example.com",
        "status": "active",
        "authStatus": "none",
        "corpAuthType": "builtin",
        "apiUser": false
      }
    }
  ]
}
```

# fastly Next-Gen WAF API

```
]
}
```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message":"Invalid user"}
```

## Get site member by email

GET /corps/{corpName}/sites/{siteName}/members/{siteMemberEmail}

## Request

### URI Parameters

Name	Type	Description
siteMemberEmail	string required: true	

### Query Parameters

Name	Type	Description
------	------	-------------

# fastly Next-Gen WAF API

## Responses

### HTTP 200

Name	Type	Description
role	string	Role of the user (owner, admin, user, observer)
user	object <a href="#">Show attributes</a>	

## Response Example

```
{
  "user": {
    "name": "Example User",
    "email": "user@example.com",
    "status": "active",
    "authStatus": "none",
    "corpAuthType": "builtin",
    "apiUser": false
  },
  "role": "owner"
},
```

### HTTP 400

Name	Type	Description
message	string read only: true	Error message

# fastly Next-Gen WAF API

## HTTP 404

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message":"ID not found"}
```

## Delete from site members

DELETE /corps/{corpName}/sites/{siteName}/members/{siteMemberEmail}

## Request

## URI Parameters

Name	Type	Description
siteMemberEmail	string required: true	

## Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

# fastly Next-Gen WAF API

Successful removal from the list

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

### Response Example

```
{"message": "Invalid site"}
```

## HTTP 404

Name	Type	Description
message	string read only: true	Error message

### Response Example

```
{"message": "ID not found"}
```

## Invite a site member

POST /corps/{corpName}/sites/{siteName}/members/{siteMemberEmail}/invite

### Request

### Query Parameters

# fastly Next-Gen WAF API

## Body (application/json)

Name	Type	Description
role	string min len: 1, required: true	Role of the user (owner, admin, user, observer)

## Request Example

```
{
  "role": "observer"
}
```

## Responses

### HTTP 200

Name	Type	Description
role	string	Role of the user (owner, admin, user, observer)
user	object <a href="#">Show attributes</a>	

## Response Example

```
{
  "user": {
```

# fastly Next-Gen WAF API

```

    "authStatus": "none",
    "corpAuthType": "builtin",
    "apiUser": false
  },
  "role": "owner"
}

```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

```

{"message":"Invalid site"}

```

## List rules in site

GET /corps/{corpName}/sites/{siteName}/rules

## Request

## Query Parameters

Name	Type	Description
type	one of (rateLimit,request,signal) enum: rateLimit,request,signal	The <a href="#">type of rule</a>

# fastly Next-Gen WAF API

limit	integer default: 100, max: 1000	The number of entries to be returned per page
pretty	boolean	Pretty print the json output

## Responses

### HTTP 200

Name	Type	Description
totalCount	number required: true	Total count of Site Rules
data	siteRule array <a href="#">Show attributes</a> required: true, unique items: true	

### Response Example

```
{
  "data": {
    "totalCount": 1,
    "data": [
      {
        "id": "5e191909c931498586c6f537",
        "siteNames": [
          "www.example.com"
        ],
        "type": "request",
        "enabled": true,

```

# fastly Next-Gen WAF API

```
        "type": "single",
        "field": "ip",
        "operator": "equals",
        "value": "233.252.0.100"
      }
    ],
    "actions": [
      {
        "type": "block"
      }
    ],
    "requestlogging": "sampled",
    "reason": "test",
    "expiration": "",
    "created": "2015-02-14T21:17:16Z",
    "updated": "2015-02-14T21:17:16Z"
  }
}
]
```

## Create site rule

POST /corps/{corpName}/sites/{siteName}/rules

### Request

### Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

### Body (application/json)

# fastly Next-Gen WAF API

	required: true, unique items: true	
<b>type</b>	string required: true	Type of rule (request, signal exclusion, rateLimit)
<b>enabled</b>	boolean required: true	
<b>groupOperator</b>	string required: true	Conditions that must be matched when evaluating the request (all, any)
<b>conditions</b>	object array <a href="#">Show attributes</a> min items: 1, required: true, unique items: true	
<b>actions</b>	object array <a href="#">Show attributes</a> required: true, unique items: true	For rateLimit rules an action with a valid type and signal is required, for all other rules only type is required
<b>requestlogging</b>	string default: sampled, enum: sampled,none	Indicates whether to store the logs for requests that match the rule's conditions (sampled) or not store them (none). This field is only available for request rules.
<b>rateLimit</b>	object <a href="#">Show attributes</a>	
<b>signal</b>	string required: true	The signal id of the signal being excluded (for rateLimit rules this is the signal to be attached)
<b>reason</b>	string required: true	Description of the rule
<b>expiration</b>	string required: true	Date the rule will automatically be disabled. If rule is always enabled, will return empty

# fastly Next-Gen WAF API

## Request Example

```
{
  "type": "signal",
  "groupOperator": "all",
  "conditions": [
    {
      "type": "single",
      "field": "ip",
      "operator": "equals",
      "value": "198.51.100.136"
    },
    {
      "type": "group",
      "groupOperator": "any",
      "conditions": [
        {
          "type": "single",
          "field": "ip",
          "operator": "equals",
          "value": "233.252.0.212"
        }
      ]
    }
  ],
  "actions": [
    {
      "type": "excludeSignal"
    }
  ],
  "enabled": true,
  "reason": "Example site rule",
  "signal": "SQLI",
  "expiration": ""
}
```

# fastly Next-Gen WAF API

## Responses

### HTTP 200

Name	Type	Description
id	string required: true	
siteNames	string array read only: true, required: true, unique items: true	Sites with the rule available.
type	string required: true	Type of rule (request, signal exclusion, rateLimit)
enabled	boolean required: true	
groupOperator	string required: true	Conditions that must be matched when evaluating the request (all, any)
conditions	object array <a href="#">Show attributes</a> min items: 1, required: true, unique items: true	
actions	object array <a href="#">Show attributes</a> required: true, unique items: true	For rateLimit rules an action with a valid type and signal is required, for all other rules only type is required
requestlogging	string default: sampled, enum: sampled,none	Indicates whether to store the logs for requests that match the rule's conditions (sampled) or not store them (none). This field is only available for request rules.

# fastly Next-Gen WAF API

Field	Type	Description of the field
	string required: true	
expiration	string required: true	Date the rule will automatically be disabled. If rule is always enabled, will return empty string
createdBy	string required: true	The user that created the rule
created	string required: true	Created RFC3339 date time
updated	string required: true	Last updated RFC3339 date time

## Response Example

```
{
  "id": "5e321810f13d660ea4cd8d0f",
  "siteNames": [
    "www.example.com"
  ],
  "type": "signal",
  "enabled": true,
  "groupOperator": "all",
  "conditions": [
    {
      "type": "single",
      "field": "ip",
      "operator": "equals",
      "value": "198.51.100.136"
    },
    {
      "type": "group",
      "groupOperator": "any",
      "conditions": [
```

# fastly Next-Gen WAF API

```
        "operator": "equals",
        "value": "233.252.0.212"
      }
    ]
  },
  ],
  "actions": [
    {
      "type": "excludeSignal"
    }
  ],
  "signal": "SQLI",
  "reason": "Example site rule",
  "expiration": "",
  "createdBy": "user@example.com",
  "created": "2020-01-29T23:41:04Z",
  "updated": "2020-01-29T23:41:04Z"
}
```

## Get site rule by id

GET /corps/{corpName}/sites/{siteName}/rules/{id}

### Request

### URI Parameters

Name	Type	Description
id	string required: true	

### Responses

#### HTTP 200

# fastly<sup>®</sup> Next-Gen WAF API

siteNames	string array read only: true, required: true, unique items: true	Sites with the rule available.
type	string required: true	Type of rule (request, signal exclusion, rateLimit)
enabled	boolean required: true	
groupOperator	string required: true	Conditions that must be matched when evaluating the request (all, any)
conditions	object array <a href="#">Show attributes</a> min items: 1, required: true, unique items: true	
actions	object array <a href="#">Show attributes</a> required: true, unique items: true	For rateLimit rules an action with a valid type and signal is required, for all other rules only type is required
requestlogging	string default: sampled, enum: sampled,none	Indicates whether to store the logs for requests that match the rule's conditions (sampled) or not store them (none). This field is only available for request rules.
rateLimit	object <a href="#">Show attributes</a>	
reason	string required: true	Description of the rule
expiration	string required: true	Date the rule will automatically be disabled. If rule is always enabled, will return empty string

# fastly Next-Gen WAF API

created	string required: true	Created RFC3339 date time
updated	string required: true	Last updated RFC3339 date time

## Response Example

```
{
  "id": "5e321810f13d660ea4cd8d0f",
  "siteNames": [
    "www.example.com"
  ],
  "type": "signal",
  "enabled": true,
  "groupOperator": "all",
  "conditions": [
    {
      "type": "single",
      "field": "ip",
      "operator": "equals",
      "value": "192.0.2.137"
    },
    {
      "type": "group",
      "groupOperator": "any",
      "conditions": [
        {
          "type": "single",
          "field": "ip",
          "operator": "equals",
          "value": "203.0.113.247"
        }
      ]
    }
  ]
}
```

# fastly Next-Gen WAF API

```

    }
  ],
  "signal": "SQLI",
  "reason": "Example site rule",
  "expiration": "",
  "createdBy": "user@example.com",
  "created": "2020-01-29T23:41:04Z",
  "updated": "2020-01-29T23:41:04Z"
}

```

## Update site rule

PUT /corps/{corpName}/sites/{siteName}/rules/{id}

### Request

### URI Parameters

Name	Type	Description
id	string required: true	

### Body (application/json)

Name	Type	Description
siteNames	string array read only: true, unique items: true	Sites with the rule available. Rules with a global corpScope will return '[]'.
type	string required: true	Type of rule (request, signal exclusion, rateLimit)

# fastly Next-Gen WAF API

groupOperator	string required: true	Conditions that must be matched when evaluating the request (all, any)
conditions	object array <a href="#">Show attributes</a> min items: 1, required: true, unique items: true	
actions	object array <a href="#">Show attributes</a> required: true, unique items: true	For rateLimit rules an action with a valid type and signal is required, for all other rules only type is required
requestlogging	string default: sampled, enum: sampled,none	Indicates whether to store the logs for requests that match the rule's conditions (sampled) or not store them (none). This field is only available for request rules.
rateLimit	object <a href="#">Show attributes</a>	
signal	string required: true	The signal id of the signal being excluded (for rateLimit rules this is the signal to be attached)
reason	string required: true	Description of the rule
expiration	string required: true	Date the rule will automatically be disabled. If rule is always enabled, will return empty string

## Request Example

```
{
  "id": "5e321810f13d660ea4cd8d0f",
  "type": "signal",
```

# fastly Next-Gen WAF API

```
{
  "type": "single",
  "field": "ip",
  "operator": "equals",
  "value": "198.51.100.177"
},
{
  "type": "group",
  "groupOperator": "any",
  "conditions": [
    {
      "type": "single",
      "field": "ip",
      "operator": "equals",
      "value": "203.0.113.247"
    }
  ]
}
],
"actions": [
  {
    "type": "excludeSignal"
  }
],
"signal": "SQLI",
"reason": "Known malicious IPs",
"expiration": ""
}
```

## Responses

### HTTP 200

Name	Type	Description
------	------	-------------

# fastly Next-Gen WAF API

<b>enabled</b>	boolean required: true	
<b>type</b>	string required: true	Type of rule (request, signal exclusion, rateLimit)
<b>enabled</b>	boolean required: true	
<b>groupOperator</b>	string required: true	Conditions that must be matched when evaluating the request (all, any)
<b>conditions</b>	object array <a href="#">Show attributes</a> min items: 1, required: true, unique items: true	
<b>actions</b>	object array <a href="#">Show attributes</a> required: true, unique items: true	For rateLimit rules an action with a valid type and signal is required, for all other rules only type is required
<b>requestlogging</b>	string default: sampled, enum: sampled,none	Indicates whether to store the logs for requests that match the rule's conditions (sampled) or not store them (none). This field is only available for request rules.
<b>rateLimit</b>	object <a href="#">Show attributes</a>	
<b>reason</b>	string required: true	Description of the rule
<b>expiration</b>	string required: true	Date the rule will automatically be disabled. If rule is always enabled, will return empty string
<b>createdBy</b>	string required: true	The user that created the rule

# fastly Next-Gen WAF API

updated	string required: true	Last updated RFC3339 date time
---------	--------------------------	--------------------------------

## Response Example

```
{
  "id": "5e321810f13d660ea4cd8d0f",
  "siteNames": [
    "www.example.com"
  ],
  "type": "signal",
  "enabled": true,
  "groupOperator": "all",
  "conditions": [
    {
      "type": "single",
      "field": "ip",
      "operator": "equals",
      "value": "198.51.100.177"
    },
    {
      "type": "group",
      "groupOperator": "any",
      "conditions": [
        {
          "type": "single",
          "field": "ip",
          "operator": "equals",
          "value": "203.0.113.247"
        }
      ]
    }
  ],
  "actions": [
```

# fastly Next-Gen WAF API

```
    ],  
    "signal": "SQLI",  
    "reason": "Known malicious IPs",  
    "expiration": "",  
    "createdBy": "user@example.com",  
    "created": "2020-01-29T23:41:04Z",  
    "updated": "2020-01-29T23:45:21Z"  
  }  
}
```

## Delete rule from site

DELETE /corps/{corpName}/sites/{siteName}/rules/{id}

### Request

### URI Parameters

Name	Type	Description
id	string required: true	

### Responses

#### HTTP 204

Delete successful

## List available rule templates

GET /corps/{corpName}/sites/{siteName}/templates

### Request

# fastly Next-Gen WAF API

pretty	boolean	Pretty print the json output
--------	---------	------------------------------

## Responses

### HTTP 200

Name	Type	Description
data	template array <a href="#">Show attributes</a> required: true	

### Response Example

```
{
  "data": [
    {
      "id": "LOGINATTEMPT",
      "name": "LOGINATTEMPT",
      "shortName": "Login Attempts",
      "description": "Indicates a login attempt",
      "fields": [
        {
          "name": "path",
          "type": "string",
          "label": "If a request's POST path e",
          "placeholder": "/auth/*"
        }
      ]
    },
    {
      "id": "REGATTEMPT",
      "name": "REGATTEMPT",
```

# fastly Next-Gen WAF API

```

    {
      "name": "path",
      "type": "string",
      "label": "If a request's POST path e
      "placeholder": "/register/*"
    }
  ]
}
]
}

```

## Get rule template by id

GET /corps/{corpName}/sites/{siteName}/templates/{id}

### Request

### URI Parameters

Name	Type	Description
id	string required: true	

### Responses

#### HTTP 200

Name	Type	Description
id	string	
name	string	Name of templated rule
shortName	string	Display name of templated rule

# fastly Next-Gen WAF API

[Show attributes](#)

unique items:  
true

## Response Example

```
{
  "id": "LOGINATTEMPT",
  "name": "LOGINATTEMPT",
  "shortName": "Login Attempts",
  "description": "Indicates a login attempt",
  "fields": [
    {
      "name": "path",
      "type": "string",
      "label": "If a request's POST path",
      "placeholder": "/auth/*"
    }
  ]
}
```

## HTTP 404

Name	Type	Description
message	string read only: true	Error message

## Response Example

# fastly Next-Gen WAF API

## List configured templated rules

GET /corps/{corpName}/sites/{siteName}/configuredtemplates

### Request

### Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

### Responses

#### HTTP 200

Name	Type	Description
data	configuredTemplate array <a href="#">Show attributes</a> required: true	

### Response Example

```
{
  "data": [
    {
      "name": "LOGINATTEMPT",
      "detections": [
        {
          "id": "5e4d815ac931492a13d95e60",
          "name": "LOGINATTEMPT",
          "enabled": true,
```

# fastly Next-Gen WAF API

```

        "value": "/auth/*"
      }
    ],
    "created": "2020-02-19T10:41:30-08",
    "createdBy": "user@example.com"
  }
],
"alerts": [
  {
    "id": "5e4d815ac931492a13d95e62",
    "tagName": "LOGINATTEMPT",
    "longName": "LOGINATTEMPT-50-in-1",
    "type": "template",
    "interval": 1,
    "threshold": 50,
    "skipNotifications": false,
    "enabled": true,
    "action": "info",
    "fieldName": "remoteIP",
    "createdBy": "",
    "created": "2020-02-19T18:41:30Z"
  }
]
}
]
}

```

## Get configured template rule by id

GET /corps/{corpName}/sites/{siteName}/configuredtemplates/{id}

### Request

### URI Parameters

# fastly Next-Gen WAF API

## Responses

### HTTP 200

Name	Type	Description
id	string	
name	string	Name of templated rule
shortName	string	Display name of templated rule
description	string	Description of templated rule
fields	object array <a href="#">Show attributes</a> unique items: true	

## Response Example

```
{
  "name": "LOGINATTEMPT",
  "detections": [
    {
      "id": "5e4d815ac931492a13d95e60",
      "name": "LOGINATTEMPT",
      "enabled": true,
      "fields": [
        {
          "name": "path",
          "value": "/auth/*"
        }
      ]
    }
  ],
}
```

# fastly Next-Gen WAF API

```

    ],
    "alerts": [
      {
        "id": "5e4d815ac931492a13d95e62",
        "tagName": "LOGINATTEMPT",
        "longName": "LOGINATTEMPT-50-in-1"
        "type": "template",
        "interval": 1,
        "threshold": 50,
        "skipNotifications": false,
        "enabled": true,
        "action": "info",
        "fieldName": "remoteIP",
        "createdBy": "",
        "created": "2020-02-19T18:41:30Z"
      }
    ]
  }
}

```

## HTTP 404

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message":"ID not found"}
```

## Update site template rule by name

# fastly Next-Gen WAF API

## URI Parameters

Name	Type	Description
id	string required: true	

## Body (application/json)

Name	Type	Description
alertAdds	configuredTemplateAlertAdd array <a href="#">Show attributes</a> required: true	
alertDeletes	alert array <a href="#">Show attributes</a> required: true	
alertUpdates	alert array <a href="#">Show attributes</a> required: true	
detectionAdds	configuredTemplateDetectionAdd array <a href="#">Show attributes</a> required: true	
detectionDeletes	configuredTemplateDetection array <a href="#">Show attributes</a> required: true	
detectionUpdates	configuredTemplateDetection array <a href="#">Show attributes</a>	

# fastly Next-Gen WAF API

## Request Example

```
{
  "alertAdds": [
    {
      "action": "info",
      "enabled": true,
      "interval": 1,
      "skipNotifications": false,
      "longName": "LOGINATTEMPT-50-in-1"
      "threshold": 50
    }
  ],
  "alertDeletes": [],
  "alertUpdates": [],
  "detectionAdds": [
    {
      "name": "LOGINATTEMPT",
      "enabled": true,
      "fields": [
        {
          "name": "path",
          "value": "/auth/*"
        }
      ]
    }
  ],
  "detectionDeletes": [],
  "detectionUpdates": []
}
```

## Responses

# fastly Next-Gen WAF API

name	string required: true
detections	configuredTemplateDetection array <a href="#">Show attributes</a> required: true
alerts	alert array <a href="#">Show attributes</a> required: true

## Response Example

```
{
  "name": "LOGINATTEMPT",
  "detections": [
    {
      "id": "5e4d815ac931492a13d95e60",
      "name": "LOGINATTEMPT",
      "enabled": true,
      "fields": [
        {
          "name": "path",
          "value": "/auth/*"
        }
      ],
      "created": "2020-02-19T10:41:30-08",
      "createdBy": "user@example.com"
    }
  ],
  "alerts": [
    {
      "id": "5e4d815ac931492a13d95e62",
      "tagName": "LOGINATTEMPT",
```

# fastly Next-Gen WAF API

```

    "threshold": 50,
    "skipNotifications": false,
    "enabled": true,
    "action": "info",
    "fieldName": "remoteIP",
    "createdBy": "",
    "created": "2020-02-19T18:41:30Z"
  }
]
}

```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message": "Validation failed"}
```

## List signal tags in site

GET /corps/{corpName}/sites/{siteName}/tags

## Request

## Query Parameters

Name	Type	Description
------	------	-------------

# fastly Next-Gen WAF API

## Responses

### HTTP 200

Name	Type	Description
data	siteSignalTag array <a href="#">Show attributes</a> required: true, unique items: true	

### Response Example

```
{
  "data": [
    {
      "shortName": "OAuth Login",
      "tagName": "site.oauth-login",
      "longName": "OAuth Login",
      "description": "An attempt to sign in via",
      "configurable": false,
      "informational": false,
      "needsResponse": false,
      "createdBy": "user@example.com",
      "created": "2020-01-21T21:31:52Z"
    }
  ]
}
```

## Create site signal tag

# fastly Next-Gen WAF API

## Body (application/json)

Name	Type	Description
shortName	string min len: 3, max len: 25, required: true	The display name of the signal tag
description	string max len: 140	Optional signal tag description

## Request Example

```
{  
  "shortName": "example-signal-tag",  
  "description": "Tracks the occurrence of a spe  
}
```

## Responses

### HTTP 201

Name	Type	Description
shortName	string required: true	The display name of the signal tag
tagName	string required: true	The identifier for the signal tag
longName	string read only: true, required: true	The display name of the signal tag - deprecated

# fastly Next-Gen WAF API

configurable	boolean read only: true, required: true	
informational	boolean read only: true, required: true	
needsResponse	boolean read only: true, required: true	
createdBy	string read only: true	Email address of the user that created the resource
created	string read only: true, required: true	Created RFC3339 date time

## Response Example

```
{  
  "shortName": "example-signal-tag",  
  "tagName": "site.example-signal-tag",  
  "longName": "example-signal-tag",  
  "description": "Tracks the occurrence of a spe  
  "configurable": false,  
  "informational": false,  
  "needsResponse": false,  
  "createdBy": "user@example.com",  
  "created": "2020-01-21T23:23:03Z"  
}
```

## HTTP 400

# fastly Next-Gen WAF API

## Response Example

```
{"message":"validation error/duplicate tag name"}
```

## Get site signal tag by tagName

GET /corps/{corpName}/sites/{siteName}/tags/{tagName}

## Request

### URI Parameters

Name	Type	Description
tagName	string required: true	

## Responses

### HTTP 200

Name	Type	Description
shortName	string required: true	The display name of the signal tag
tagName	string required: true	The identifier for the signal tag
longName	string read only: true, required: true	The display name of the signal tag - deprecated
description	string required: true	Optional signal tag description

# fastly Next-Gen WAF API

informational	boolean read only: true, required: true	
needsResponse	boolean read only: true, required: true	
createdBy	string read only: true	Email address of the user that created the resource
created	string read only: true, required: true	Created RFC3339 date time

## Response Example

```
{
  "shortName": "example-signal-tag",
  "tagName": "site.example-signal-tag",
  "longName": "example-signal-tag",
  "description": "An example of a custom sit
  "configurable": false,
  "informational": false,
  "needsResponse": false,
  "createdBy": "user@example.com",
  "created": "2020-01-21T23:23:03Z"
}
```

## Update site signal tag

PATCH /corps/{corpName}/sites/{siteName}/tags/{tagName}

## Request

# fastly Next-Gen WAF API

tagName	string required: true
---------	--------------------------

## Body (application/json)

Name	Type	Description
description	string max len: 140, required: true	Optional signal tag description

## Request Example

```
{
  "description": "An updated example of a cus
}
```

## Responses

### HTTP 200

Name	Type	Description
shortName	string required: true	The display name of the signal tag
tagName	string required: true	The identifier for the signal tag
longName	string read only: true, required: true	The display name of the signal tag - deprecated

# fastly Next-Gen WAF API

	boolean	read only: true, required: true
informational	boolean	read only: true, required: true
needsResponse	boolean	read only: true, required: true
createdBy	string	Email address of the user that created the resource read only: true
created	string	Created RFC3339 date time read only: true, required: true

## Response Example

```
{
  "shortName": "example-signal-tag",
  "tagName": "site.example-signal-tag",
  "longName": "example-signal-tag",
  "description": "An updated example of a cu",
  "configurable": false,
  "informational": false,
  "needsResponse": false,
  "createdBy": "user@example.com",
  "created": "2020-01-21T23:23:03Z"
}
```

## Delete signal tag from site

DELETE /corps/{corpName}/sites/{siteName}/tags/{tagName}

# fastly Next-Gen WAF API

Name	Type	Description
tagName	string required: true	

## Responses

### HTTP 204

Delete successful

### Get all lists

GET /corps/{corpName}/sites/{siteName}/lists

## Request

## Responses

### HTTP 200

Name	Type	Description
data	list array <a href="#">Show attributes</a> required: true	

## Response Example

```
{
  "data": [
    {
      "id": "site.known-attackers",
      "name": "Known Attackers",
      "type": "ip",
```

# fastly Next-Gen WAF API

```
        "198.51.100.177",
        "192.0.2.137"
    ],
    "createdBy": "user@example.com",
    "created": "2018-08-06T18:57:55Z",
    "updated": "2018-08-13T15:26:01Z"
},
{
    "id": "site.ofac-countries",
    "name": "OFAC Countries",
    "type": "country",
    "description": "Countries on the OFAC list",
    "entries": [
        "MM",
        "CI",
        "CU",
        "IR",
        "KP",
        "SY"
    ],
    "createdBy": "user@example.com",
    "created": "2018-08-03T20:50:54Z",
    "updated": "2018-08-03T20:50:59Z"
}
]
```

## Create list

POST /corps/{corpName}/sites/{siteName}/lists

### Request

Body (application/json)

# fastly Next-Gen WAF API

	max len: 32	
type	string	List types (string, ip, country, wildcard, signal)
description	string max len: 140	Optional list description
entries	string array	List entries

## Request Example

```
{
  "name": "My New List",
  "type": "ip",
  "description": "Some IPs we're putting in a li
  "entries": [
    "203.0.113.247",
    "198.51.100.177",
    "192.0.2.137"
  ]
}
```

## Responses

### HTTP 200

Name	Type	Description
id	string	Site-specific unique ID of the list
name	string min len: 3,	Descriptive list name

# fastly Next-Gen WAF API

description	string max len: 140	Optional list description
entries	string array	List entries
createdBy	string read only: true	Email address of the user that created the item
created	string format: date-time, read only: true	Created RFC3339 date time
updated	string format: date-time, read only: true	Last updated RFC3339 date time

## Response Example

```
{
  "id": "site.my-new-list",
  "name": "My New List",
  "type": "ip",
  "description": "Some IPs we're putting in a li
  "entries": [
    "203.0.113.247",
    "198.51.100.177",
    "192.0.2.137"
  ],
  "createdBy": "user@example.com",
  "created": "2018-08-16T17:38:27Z",
  "updated": "2018-08-16T17:38:27Z"
}
```

# fastly Next-Gen WAF API

message	string read only: true	Error message
---------	---------------------------	---------------

## Response Example

```
{"message":"List cannot be deleted because a rule uses it"}
```

## Get list by id

GET /corps/{corpName}/sites/{siteName}/lists/{id}

## Request

### URI Parameters

Name	Type	Description
id	string required: true	

## Responses

### HTTP 200

Name	Type	Description
id	string	Site-specific unique ID of the list
name	string min len: 3, max len: 32	Descriptive list name
type	string	List types (string, ip, country, wildcard)

# fastly Next-Gen WAF API

Property	Type	Description
createdBy	string read only: true	Email address of the user that created the item
created	string format: date-time, read only: true	Created RFC3339 date time
updated	string format: date-time, read only: true	Last updated RFC3339 date time

## Response Example

```
{
  "id": "site.my-new-list",
  "name": "My New List",
  "type": "ip",
  "description": "Some IPs we're putting in",
  "entries": [
    "203.0.113.247",
    "198.51.100.177",
    "192.0.2.137"
  ],
  "createdBy": "user@example.com",
  "created": "2018-08-16T17:38:27Z",
  "updated": "2018-08-16T17:38:27Z"
}
```

## HTTP 404

# fastly Next-Gen WAF API

## Response Example

```
{"message":"ID not found"}
```

## Update list by id

PATCH /corps/{corpName}/sites/{siteName}/lists/{id}

## Request

### URI Parameters

Name	Type	Description
id	string required: true	

### Body (application/json)

Name	Type	Description
description	string max len: 140	Optional list description
entries	object <a href="#">Show attributes</a>	

## Request Example

```
{  
  
  "entries": {
```

# fastly Next-Gen WAF API

```

      "deletions": [
        "203.0.113.247",
        "192.0.2.137"
      ]
    }
  }
}

```

## Responses

### HTTP 200

Name	Type	Description
id	string	Site-specific unique ID of the list
name	string min len: 3, max len: 32	Descriptive list name
type	string	List types (string, ip, country, wildcard)
description	string max len: 140	Optional list description
entries	string array	List entries
createdBy	string read only: true	Email address of the user that created the item
created	string format: date-time, read only: true	Created RFC3339 date time
updated	string format: date-time, read only: true	Last updated RFC3339 date time

# fastly Next-Gen WAF API

```
"id": "site.my-new-list",
"name": "My New List",
"type": "ip",
"description": "Some IPs we're still putti
"entries": [
  "198.51.100.177",
  "203.0.113.6"
],
"createdBy": "user@example.com",
"created": "2018-08-16T17:38:27Z",
"updated": "2018-08-16T21:43:08Z"
}
```

## HTTP 404

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message":"ID not found"}
```

## Replace list by id

PUT /corps/{corpName}/sites/{siteName}/lists/{id}

## Request

## URI Parameters

# fastly Next-Gen WAF API

## Body (application/json)

Name	Type	Description
description	string max len: 140	Optional list description
entries	string array	List entries

## Request Example

```
{
  "description": "Some IPs we're still putti
  "entries": [
    "203.0.113.247",
    "192.0.2.137",
    "192.0.2.223"
  ]
}
```

## Responses

### HTTP 200

Name	Type	Description
id	string	Site-specific unique ID of the list
name	string min len: 3,	Descriptive list name

# fastly Next-Gen WAF API

description	string max len: 140	Optional list description
entries	string array	List entries
createdBy	string read only: true	Email address of the user that created the item
created	string format: date-time, read only: true	Created RFC3339 date time
updated	string format: date-time, read only: true	Last updated RFC3339 date time

## Response Example

```
{
  "id": "site.my-new-list",
  "name": "My New List",
  "type": "ip",
  "description": "Some IPs we're still putting",
  "entries": [
    "203.0.113.247",
    "192.0.2.137",
    "192.0.2.223"
  ],
  "createdBy": "user@example.com",
  "created": "2018-08-16T17:38:27Z",
  "updated": "2018-08-16T21:43:08Z"
}
```

# fastly Next-Gen WAF API

message	string read only: true	Error message
---------	---------------------------	---------------

## Response Example

```
{"message": "ID not found"}
```

## Delete list

DELETE /corps/{corpName}/sites/{siteName}/lists/{id}

## Request

### URI Parameters

Name	Type	Description
id	string required: true	

## Responses

### HTTP 204

Successful removal from the list

### HTTP 404

Name	Type	Description
message	string read only: true	Error message

# fastly Next-Gen WAF API

## List alerts

GET /corps/{corpName}/sites/{siteName}/alerts

### Request

### Responses

#### HTTP 200

Name	Type	Description
data	alert array <a href="#">Show attributes</a> required: true	

### Response Example

```
{
  "data": [
    {
      "id": "5e45dc78c931491dc923e4a6",
      "tagName": "site.example-signal-tag",
      "longName": "Alert",
      "type": "siteAlert",
      "interval": 1,
      "threshold": 10,
      "skipNotifications": false,
      "enabled": true,
      "action": "flagged",
      "fieldName": "remoteIP",
      "createdBy": "user@example.com",
      "created": "2020-02-13T23:23:03Z",
      "updated": "2020-01-13T23:23:03Z"
    }
  ]
}
```

# fastly Next-Gen WAF API

## Create alert

POST /corps/{corpName}/sites/{siteName}/alerts

### Request

#### Body (application/json)

Name	Type	Description
tagName	string	The name of the tag whose occurrences the alert is watching. Must match an existing tag
longName	string	A human readable description of the alert. Must be between 3 and 25 characters.
interval	integer	The number of minutes of past traffic to examine. Must be 1, 10 or 60.
threshold	integer min: 1, max: 10000	The number of occurrences of the tag in the interval needed to trigger the alert.
blockDurationSeconds	integer	The number of seconds this alert is active.
enabled	boolean	A flag to toggle this alert.
action	string	A flag that describes what happens when the alert is triggered. 'info' creates an incident in the dashboard. 'flagged' creates an incident and blocks traffic for 24 hours.

### Request Example

# fastly Next-Gen WAF API

```

longName : Example Alert ,
"interval": 1,
"threshold": 10,
"enabled": true,
"action": "flagged"
}

```

## Responses

### HTTP 201

Name	Type	Description
id	string required: true	Site-specific unique ID of the alert
tagName	string required: true	The name of the tag whose occurrences the alert is watching.
longName	string required: true	A human readable description of the alert. Must be between 3 and 25 characters.
type	string required: true	Type of alert (siteAlert, template, rateLimit, siteMetric)
interval	integer required: true	The number of minutes of past traffic to examine. Must be 1, 10 or 60.
threshold	integer required: true	The number of occurrences of the tag in the interval needed to trigger the alert.
blockDurationSeconds	integer	The number of seconds this alert is active.
skipNotifications	boolean	A flag to disable external notifications - slack, webhooks, emails, etc.
enabled	boolean required: true	A flag to toggle this alert.

# fastly Next-Gen WAF API

		an incident and blocks traffic for 24 hours.
fieldName	string required: true	
createdBy	string required: true	The email of the user that created the alert
created	string required: true	Created RFC3339 date time
operator	string	

## Response Example

```
{
  "id": "5e45dc78c931491dc923e4a6",
  "tagName": "site.example-signal-tag",
  "longName": "Alert",
  "type": "siteAlert",
  "interval": 1,
  "threshold": 10,
  "skipNotifications": false,
  "enabled": true,
  "action": "flagged",
  "fieldName": "remoteIP",
  "createdBy": "user@example.com",
  "created": "2020-02-13T23:23:03Z",
  "updated": "2020-01-13T23:23:03Z"
}
```

## Get alert

GET /corps/{corpName}/sites/{siteName}/alerts/{id}

## Request

# fastly Next-Gen WAF API

id	string required: true
----	--------------------------

## Responses

### HTTP 200

Name	Type	Description
id	string required: true	Site-specific unique ID of the alert
tagName	string required: true	The name of the tag whose occurrences the alert is watching.
longName	string required: true	A human readable description of the alert. Must be between 3 and 25 characters.
type	string required: true	Type of alert (siteAlert, template, rateLimit, siteMetric)
interval	integer required: true	The number of minutes of past traffic to examine. Must be 1, 10 or 60.
threshold	integer required: true	The number of occurrences of the tag in the interval needed to trigger the alert.
blockDurationSeconds	integer	The number of seconds this alert is active.
skipNotifications	boolean	A flag to disable external notifications - slack, webhooks, emails, etc.
enabled	boolean required: true	A flag to toggle this alert.
action	string required: true	A flag that describes what happens when the alert is triggered. 'info' creates an incident in the dashboard. 'flagged' creates an incident and blocks traffic for 24 hours.

# fastly Next-Gen WAF API

createdBy	string required: true	The email of the user that created the alert
created	string required: true	Created RFC3339 date time
operator	string	

## Response Example

```
{
  "id": "5e45dc78c931491dc923e4a6",
  "tagName": "site.example-signal-tag",
  "longName": "Alert",
  "type": "siteAlert",
  "interval": 1,
  "threshold": 10,
  "skipNotifications": false,
  "enabled": true,
  "action": "flagged",
  "fieldName": "remoteIP",
  "createdBy": "user@example.com",
  "created": "2020-02-13T23:23:03Z",
  "updated": "2020-01-13T23:23:03Z"
}
```

## Update alert

PATCH /corps/{corpName}/sites/{siteName}/alerts/{id}

## Request

### URI Parameters

Name	Type	Description
------	------	-------------

# fastly Next-Gen WAF API

## Body (application/json)

Name	Type	Description
tagName	string	The name of the tag whose occurrences the alert is watching. Must match an existing tag
longName	string	A human readable description of the alert. Must be between 3 and 25 characters.
interval	integer	The number of minutes of past traffic to examine. Must be 1, 10 or 60.
threshold	integer min: 1, max: 10000	The number of occurrences of the tag in the interval needed to trigger the alert.
blockDurationSeconds	integer	The number of seconds this alert is active.
enabled	boolean	A flag to toggle this alert.
action	string	A flag that describes what happens when the alert is triggered. 'info' creates an incident in the dashboard. 'flagged' creates an incident and blocks traffic for 24 hours.

## Request Example

```
{  
  
    "tagName": "custom-tag",  
    "interval": 1,  
    "threshold": 10,  
    "enabled": true,  
    "action": "flagged"
```

# fastly Next-Gen WAF API

## Responses

### HTTP 200

Name	Type	Description
id	string required: true	Site-specific unique ID of the alert
tagName	string required: true	The name of the tag whose occurrences the alert is watching.
longName	string required: true	A human readable description of the alert. Must be between 3 and 25 characters.
type	string required: true	Type of alert (siteAlert, template, rateLimit, siteMetric)
interval	integer required: true	The number of minutes of past traffic to examine. Must be 1, 10 or 60.
threshold	integer required: true	The number of occurrences of the tag in the interval needed to trigger the alert.
blockDurationSeconds	integer	The number of seconds this alert is active.
skipNotifications	boolean	A flag to disable external notifications - slack, webhooks, emails, etc.
enabled	boolean required: true	A flag to toggle this alert.
action	string required: true	A flag that describes what happens when the alert is triggered. 'info' creates an incident in the dashboard. 'flagged' creates an incident and blocks traffic for 24 hours.
fieldName	string required: true	

# fastly Next-Gen WAF API

operator	string required: true
operator	string

## Response Example

```
{
  "id": "random-uuid-string",
  "siteId": "site-id-hex",
  "tagName": "custom-tag",
  "interval": 1,
  "threshold": 10,
  "enabled": true,
  "action": "flagged",
  "created": "2015-02-14T21:17:16Z"
}
```

## Delete alert

DELETE /corps/{corpName}/sites/{siteName}/alerts/{id}

## Request

### URI Parameters

Name	Type	Description
id	string required: true	

## Responses

### HTTP 204

# fastly Next-Gen WAF API

## Request

### Query Parameters

Name	Type	Description
page	integer	The page of the results. Each page is limited to 1,000 requests, and a maximum of 10,000 requests in total will be returned.
limit	integer default: 100, max: 1000	The number of entries to be returned per page
pretty	boolean	Pretty print the json output
q	string	Search query. See <a href="#">Search Syntax</a> .

## Responses

### HTTP 200

Name	Type	Description
totalCount	integer	Total number of records matching the search
next	object <a href="#">Show attributes</a>	
data	request array <a href="#">Show attributes</a>	
required		
description		

# fastly Next-Gen WAF API

```
"totalCount": 3,
"next": {
  "uri": "/api/v0/corps/testcorp/sites/www.e
},
"data": [
  {
    "id": "54871be4f749437f4f00008d",
    "serverHostname": "local",
    "remoteIP": "95.128.246.44",
    "remoteHostname": "95-128-246-44.avk-c
    "remoteCountryCode": "RU",
    "userAgent": "Mozilla/5.00 (Nikto/2.1.
    "timestamp": "2014-12-09T15:57:24Z",
    "method": "PUT",
    "serverName": "",
    "protocol": "HTTP/1.1",
    "path": "/help/../../../../../../../../..
    "uri": "",
    "responseCode": 503,
    "responseSize": 88336,
    "responseMillis": 0,
    "agentResponseCode": 200,
    "summation": {
      "attrs": {
        "bot_j": "2bab0327a296230f9f64
      },
    },
    "tags": [
      {
        "type": "HTTP503",
        "location": "HTTP",
        "value": "503",
        "detector": "bogus"
      },
      {
        "type": "SANS",
```

# fastly Next-Gen WAF API

```

    },
    {
      "type": "SQLI",
      "location": "QUERYSTRING",
      "value": "foo=1 OR 1",
      "detector": "bogus"
    }
  ]
}

```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message": "Invalid site"}
```

## Get request by ID

GET /corps/{corpName}/sites/{siteName}/requests/{requestID}

## Request

## URI Parameters

Name	Type	Description
------	------	-------------

# fastly Next-Gen WAF API

## Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

## Responses

### HTTP 200

Name	Type	Description
id	string	Unique ID of the request
timestamp	string format: date-time	Timestamp RFC3339 date time
serverHostname	string	Server hostname
serverName	string	Server name
uri	string	URI
path	string	Path
userAgent	string	User agent of the request
remoteIP	string	Remote IP address
remoteHostname	string	Remote hostname
remoteCountryCode	string	Remote country code
method	string	HTTP method e.g. PUT
protocol	string	HTTP protocol e.g. HTTP/1.1

# fastly<sup>®</sup> Next-Gen WAF API

responseSize	integer format: int32	HTTP response size
responseMillis	integer format: int32	Response time in millis
agentResponseCode	integer format: int32	Agent response code
summation	object array <a href="#">Show attributes</a>	
tags	object array <a href="#">Show attributes</a>	

## Response Example

```
{
  "id": "54871be4f749437f4f00008d",
  "serverHostname": "local",
  "remoteIP": "95.128.246.44",
  "remoteHostname": "95-128-246-44.avk-com",
  "remoteCountryCode": "RU",
  "userAgent": "Mozilla/5.00 (Nikto/2.1.5)",
  "timestamp": "2014-12-09T15:57:24Z",
  "method": "PUT",
  "serverName": "",
  "protocol": "HTTP/1.1",
  "path": "/help/../../../../../../../../..",
  "uri": "",
  "responseCode": 503,
  "responseSize": 88336,
  "agentResponseCode": 200,
  "summation": {
    "attrs": {
      "bot_j": "2bab0327a296230f9f6427"
    }
  },
}
```

# fastly Next-Gen WAF API

```
        "location": "HTTP",
        "value": "503",
        "detector": "bogus"
    },
    {
        "type": "SANS",
        "location": "HTTP",
        "value": "95.128.246.44",
        "detector": "bogus"
    },
    {
        "type": "SQLI",
        "location": "QUERYSTRING",
        "value": "foo=1 OR 1",
        "detector": "bogus"
    }
]
}
```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message":"Invalid site"}
```

## Get request feed

# fastly Next-Gen WAF API

## Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output
from	integer required: true	The POSIX Unix time to start. Has restrictions - see <a href="#">Extracting Your Data</a> .
until	integer required: true	The POSIX Unix time to end. Has restrictions - see <a href="#">Extracting Your Data</a> .
tags	string	Limits feed to specific tags, comma-separated list - see <a href="#">System Tags</a> .

## Responses

### HTTP 200

Name	Type	Description
next	object <a href="#">Show attributes</a>	
data	request array <a href="#">Show attributes</a>	
required		

## Response Example

```
{  
  
    "next": {  
        "uri": "/api/v0/corps/testcorp/sites/www.e  
    },
```

# fastly Next-Gen WAF API

```
"serverHostname": "local",
"remoteIP": "95.128.246.44",
"remoteHostname": "95-128-246-44.avk-c
"remoteCountryCode": "RU",
"userAgent": "Mozilla/5.00 (Nikto/2.1.
"timestamp": "2014-12-09T15:57:24Z",
"method": "PUT",
"serverName": "",
"protocol": "HTTP/1.1",
"path": "/help/../../../../../../../../..
"uri": "",
"responseCode": 503,
"responseSize": 88336,
"responseMillis": 0,
"agentResponseCode": 200,
"summation": {
  "attrs": {
    "bot_j": "2bab0327a296230f9f64
  },
},
"tags": [
  {
    "type": "HTTP503",
    "location": "HTTP",
    "value": "503",
    "detector": "bogus"
  },
  {
    "type": "SANS",
    "location": "HTTP",
    "value": "95.128.246.44",
    "detector": "bogus"
  },
  {
    "type": "SQLI",
    "location": "QUERYSTRING",
```

# fastly Next-Gen WAF API

```
    ]  
  }  
]  
}
```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

### Response Example

```
{"message":"Invalid timestamp param"}
```

## HTTP 500

Name	Type	Description
message	string read only: true	Error message

### Response Example

```
{"message":"Error performing search"}
```

# fastly Next-Gen WAF API

message	string read only: true	Error message
---------	---------------------------	---------------

## Response Example

```
{"message": "Feed timeout exceeded"}
```

## Retrieve a paginated feed

POST /corps/{corpName}/sites/{siteName}/feed/requests

## Request

### Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

### Form Parameters

Name	Type	Description
next	string required: true	The pagination cursor ID. Read our guide on <a href="#">Using our API</a> for details.
Content-Type	string required: true	Must be 'application/x-www-form-urlencoded'

## Responses

### HTTP 200

# fastly Next-Gen WAF API

data	request array <a href="#">Show attributes</a>
required	

## Response Example

```
{
  "next": {
    "uri": "/api/v0/corps/testcorp/sites/www.e
  },
  "data": [
    {
      "id": "54871be4f749437f4f00008d",
      "serverHostname": "local",
      "remoteIP": "95.128.246.44",
      "remoteHostname": "95-128-246-44.avk-c
      "remoteCountryCode": "RU",
      "userAgent": "Mozilla/5.00 (Nikto/2.1.
      "timestamp": "2014-12-09T15:57:24Z",
      "method": "PUT",
      "serverName": "",
      "protocol": "HTTP/1.1",
      "path": "/help/../../../../../../../../..
      "uri": "",
      "responseCode": 503,
      "responseSize": 88336,
      "responseMillis": 0,
      "agentResponseCode": 200,
      "summation": {
        "attrs": {
          "bot_j": "2bab0327a296230f9f64
        },
      },
    },
  ],
}
```

# fastly Next-Gen WAF API

```

        "location": "HTTP",
        "value": "503",
        "detector": "bogus"
      },
      {
        "type": "SANS",
        "location": "HTTP",
        "value": "95.128.246.44",
        "detector": "bogus"
      },
      {
        "type": "SQLI",
        "location": "QUERYSTRING",
        "value": "foo=1 OR 1",
        "detector": "bogus"
      }
    ]
  }
}

```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message":"Invalid timestamp param"}
```

# fastly Next-Gen WAF API

## HTTP 500

Name	Type	Description
message	string read only: true	Error message

### Response Example

```
{"message":"Error performing search"}
```

## HTTP 504

Name	Type	Description
message	string read only: true	Error message

### Response Example

```
{"message":"Feed timeout exceeded"}
```

## List events

GET /corps/{corpName}/sites/{siteName}/events

### Request

### Query Parameters

Name	Type	Description
from	integer	The POSIX Unix time to start

# fastly<sup>®</sup> Next-Gen WAF API

	(asc,desc) default: desc, enum: asc,desc	
since_id	string	The id of the last object in the set
max_id	string	The id of the last object in the set
limit	integer default: 100, max: 1000	The number of entries to be returned per page
page	integer	The page of the results. Each page is limited to 1,000 requests, and a maximum of 10,000 requests in total will be returned.
pretty	boolean	Pretty print the json output
action	one of (flagged,info) enum: flagged,info	Filter based on action
tag	string min len: 3, matching: [a-zA-Z0-9_-]+	Filter based on tag
ip	string min len: 7, max len: 15	Filter based on IP
status	one of (active,expired) enum: active,expired	Filter based on status

## Responses

### HTTP 200

# fastly Next-Gen WAF API

next	object <a href="#">Show attributes</a>
data	event array <a href="#">Show attributes</a> required: true

## Response Example

```
{
  "totalCount": 5,
  "next": {
    "uri": "/api/v0/corps/testcorp/sites/www.example.com",
  },
  "data": [
    {
      "id": "54de69dcba53b02fbf000018",
      "timestamp": "2015-02-13T21:17:16Z",
      "source": "162.245.23.109",
      "remoteCountryCode": "AU",
      "remoteHostname": "",
      "userAgents": [
        "Mozilla/4.0 (compatible; MSIE 5.5; Windows NT 5.1)"
      ],
      "action": "flagged",
      "type": "attack",
      "reasons": {
        "SQLI": 99
      },
      "requestCount": 1,
      "tagCount": 1,
      "window": 60,
      "expires": "2015-02-14T21:17:16Z",
      "expiredBy": ""
    }
  ]
}
```

# fastly Next-Gen WAF API

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message":"Invalid site"}
```

## Get event by ID

GET /corps/{corpName}/sites/{siteName}/events/{eventID}

## Request

### URI Parameters

Name	Type	Description
eventID	string required: true	

### Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

# fastly<sup>®</sup> Next-Gen WAF API

Name	Type	Description
id	string	Unique ID of the event
timestamp	string format: date-time	Timestamp RFC3339 date time
source	string	Source information
remoteCountryCode	string	Country code
remoteHostname	string	Remote hostname
userAgents	object array <a href="#">Show attributes</a>	
action	string	Either "flagged" (IP is flagged and subsequent malicious requests will be blocked) or "info" (IP is flagged and subsequent requests will be logged).
reasons	object	Key attack type - value number of
requestCount	integer format: int32	Total number of requests
tagCount	integer format: int32	Total number of tags
window	integer format: int32	Time window in seconds where the items were detected
expires	string format: date-time	Expires RFC3339 date time
expiredBy	string	email of the user if the event is expired manually

## Response Example

# fastly Next-Gen WAF API

```

timestamp": "2015-02-14T21:17:16Z",
"source": "162.245.23.109",
"remoteCountryCode": "AU",
"remoteHostname": "",
"userAgents": [
  "Mozilla/4.0 (compatible; MSIE 5.5; Wind
],
"action": "flagged",
"type": "attack",
"reasons": {
  "SQLI": 99
},
"requestCount": 1,
>tagCount": 1,
>window": 60,
>expires": "2015-02-14T21:17:16Z",
>expiredBy": ""
}

```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message": "Invalid site"}
```

## Expire an event by ID

# fastly Next-Gen WAF API

## Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

## Responses

### HTTP 200

Name	Type	Description
id	string	Unique ID of the event
timestamp	string format: date-time	Timestamp RFC3339 date time
source	string	Source information
remoteCountryCode	string	Country code
remoteHostname	string	Remote hostname
userAgents	object array <a href="#">Show attributes</a>	
action	string	Either "flagged" (IP is flagged and subsequent malicious requests will be blocked) or "info" (IP is flagged and subsequent requests will be logged).
reasons	object	Key attack type - value number of
requestCount	integer format: int32	Total number of requests
tagCount	integer format: int32	Total number of tags

# fastly Next-Gen WAF API

expires	string format: date-time	Expires RFC3339 date time
expiredBy	string	email of the user if the event is expired manually

## Response Example

```
{
  "id": "54de69dcba53b02fbf000018",
  "timestamp": "2015-02-13T21:17:16Z",
  "source": "162.245.23.109",
  "remoteCountryCode": "AU",
  "remoteHostname": "",
  "userAgents": [
    "Mozilla/4.0 (compatible; MSIE 5.5;"
  ],
  "action": "flagged",
  "type": "attack",
  "reasons": {
    "SQLI": 99
  },
  "requestCount": 1,
  "tagCount": 1,
  "window": 60,
  "expires": "2015-02-14T21:17:16Z",
  "expiredBy": ""
}
```

## HTTP 400

# fastly Next-Gen WAF API

## Response Example

```
{"message":"Invalid site"}
```

## List suspicious IPs

GET /corps/{corpName}/sites/{siteName}/suspiciousIPs

## Request

## Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output
limit	integer default: 5, min: 1, max: 50	The number of IPs to be returned

## Responses

### HTTP 200

Name	Type	Description
data	suspiciousIP array <a href="#">Show attributes</a> required: true	

# fastly Next-Gen WAF API

```
"data": [  
  {  
    "source": "95.128.246.44",  
    "percent": 20,  
    "remoteCountryCode": "RU",  
    "remoteHostname": "95-128-246-44.avk-com.r",  
    "tagName": "USERAGENT",  
    "shortName": "Attack Tooling",  
    "reasons": {  
      "USERAGENT": 99  
    },  
    "intervalStart": "2016-08-09T17:05:17Z",  
    "timestamp": "2016-08-09T18:05:17Z",  
  },  
  {  
    "source": "95.128.246.45",  
    "percent": 6,  
    "remoteCountryCode": "RU",  
    "remoteHostname": "95-128-246-45.avk-com.r",  
    "tagName": "SQLI",  
    "shortName": "SQLI",  
    "reasons": {  
      "SQLI": 2,  
      "TRAVERSAL": 1,  
      "XSS": 4  
    },  
    "intervalStart": "2016-08-09T17:05:17Z",  
    "timestamp": "2016-08-09T18:05:17Z",  
  }  
]
```

## HTTP 400

# fastly Next-Gen WAF API

## Response Example

```
{"message":"Invalid site"}
```

## List rate-limited IPs

GET /corps/{corpName}/sites/{siteName}/rateLimitedIPs

## Request

### Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output
ip	string	The IP address used to filter results
limit	integer default: 20	The maximum number of IPs to be returned per page
page	integer default: 1, min: 1	The page number of the results
tag	string	signal ID

## Responses

### HTTP 200

Name	Type	Description
------	------	-------------

# fastly Next-Gen WAF API

required: true

## Response Example

```
{
  "data": [
    {
      "id": "558cde3f3dfaa4a82900000a",
      "ip": "95.128.246.44",
      "siteID": "cb8cde3f3dfaa4a82900d00b",
      "signal": "signal nickname",
      "created": "2016-08-09T17:05:17Z",
      "expires": "2017-08-09T17:05:17Z",
    },
    {
      "id": "fd8cde3f3dfaa4a82900200f",
      "ip": "95.128.246.45",
      "siteID": "668cde3f3dfaa4a829000110c",
      "signal": "another signal nickname",
      "created": "2016-08-09T17:05:17Z",
      "expires": "2017-08-09T17:05:17Z",
    }
  ]
}
```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

# fastly Next-Gen WAF API

## Get whitelist

GET /corps/{corpName}/sites/{siteName}/whitelist

### Request

### Responses

#### HTTP 200

Name	Type	Description
data	iptag array <a href="#">Show attributes</a>	
required		

### Response Example

```
{
  "data": [
    {
      "id": "558cde3f3dfaa4a82900000a",
      "source": "192.0.2.16",
      "expires": "2014-12-19T21:28:54-08:00",
      "note": "Sample",
      "createdBy": "user@example.com",
      "created": "2014-12-11T22:51:56-08:00"
    }
  ]
}
```

# fastly Next-Gen WAF API

## Request

### Body (application/json)

Name	Type	Description
source	string min len: 7	IP address
note	string max len: 100, required: true	Note associated with the tag
expires	string format: date-time	Optional RFC3339-formatted datetime in the future. Omit this parameter if it does not expire.

## Request Example

```
{
  "source": "203.0.113.101",
  "note": "Example note"
}
```

## Responses

### HTTP 200

Name	Type	Description
id	string	Unique ID of the tag
source	string min len: 7	IP address

# fastly Next-Gen WAF API

note	string max len: 100, required: true	Note associated with the tag
createdBy	string read only: true	Email address of the user that created the item
created	string format: date-time, read only: true	Created RFC3339 date time

## Response Example

```
{
  "id": "558cde293dfaa4a829000009",
  "source": "192.0.2.16",
  "expires": "",
  "note": "Example Note",
  "createdBy": "user@example.com",
  "created": "2014-12-11T22:51:56-08:00"
}
```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

# fastly Next-Gen WAF API

## Delete from whitelist

DELETE /corps/{corpName}/sites/{siteName}/whitelist/{id}

### Request

### URI Parameters

Name	Type	Description
id	string required: true	

### Responses

#### HTTP 204

Successful removal from the list

#### HTTP 404

Could not find the id

Name	Type	Description
message	string read only: true	Error message

### Response Example

```
{"message": "Not found"}
```

# fastly Next-Gen WAF API

## Request

## Responses

### HTTP 200

Name	Type	Description
data	iptag array <a href="#">Show attributes</a>	
required		

## Response Example

```
{
  "data": [
    {
      "id": "558cde293dfaa4a829000009",
      "source": "192.0.2.16",
      "expires": "2014-12-19T21:28:54-08:00",
      "note": "Sample",
      "createdBy": "user@example.com",
      "created": "2014-12-11T22:51:56-08:00"
    }
  ]
}
```

## Add to blacklist

PUT /corps/{corpName}/sites/{siteName}/blacklist

# fastly Next-Gen WAF API

Name	Type	Description
source	string min len: 7	IP address
note	string max len: 100, required: true	Note associated with the tag
expires	string format: date-time	Optional RFC3339-formatted datetime in the future. Omit this parameter if it does not expire.

## Request Example

```
{
  "source": "203.0.113.101",
  "note": "Example note"
}
```

## Responses

### HTTP 200

Name	Type	Description
id	string	Unique ID of the tag
source	string min len: 7	IP address
expires	string format: date-time	Expires RFC3339 date time, or empty for does not expire

# fastly Next-Gen WAF API

createdBy	string read only: true	Email address of the user that created the item
created	string format: date-time, read only: true	Created RFC3339 date time

## Response Example

```
{
  "id": "558cde3f3dfaa4a82900000a",
  "source": "192.0.2.16",
  "expires": "",
  "note": "Example Note",
  "createdBy": "user@example.com",
  "created": "2014-12-11T22:51:56-08:00"
}
```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message":"Invalid IP address"}
```

## Delete from blacklist

# fastly Next-Gen WAF API

## URI Parameters

Name	Type	Description
id	string required: true	

## Responses

### HTTP 204

Successful removal from the list

### HTTP 404

Could not find the id

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message": "Not found"}
```

## List redactions

GET /corps/{corpName}/sites/{siteName}/redactions

## Request

# fastly Next-Gen WAF API

pretty	boolean	Pretty print the json output
--------	---------	------------------------------

## Responses

### HTTP 200

Name	Type	Description
totalCount	number required: true	Total count of Redactions
data	redaction array <a href="#">Show attributes</a> required: true	

### Response Example

```
{
  "totalCount" : 1,
  "data": [
    {
      "id": "0a54cf363621",
      "field": "privateField",
      "redactionType": 0,
      "createdBy": "user@example.com",
      "created": "2015-02-14T21:17:16Z"
    }
  ]
}
```

### HTTP 400

# fastly Next-Gen WAF API

## Response Example

```
{"message":"Invalid site"}
```

## Add to redactions

POST /corps/{corpName}/sites/{siteName}/redactions

## Request

### Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

### Body (application/json)

Name	Type	Description
field	string min len: 1	Field name
redactionType	integer max: 2	Type of redaction (0: Request Parameter, 1: Request Header, 2: Response Header)

## Request Example

```
{  
  "field": "privateField",
```

# fastly Next-Gen WAF API

## Responses

### HTTP 200

Name	Type	Description
totalCount	number required: true	Total count of Redactions
data	redaction array <a href="#">Show attributes</a> required: true	

### Response Example

```
{
  "totalCount" : 1,
  "data": [
    {
      "id": "0a54cf363622",
      "field": "privateField",
      "redactionType": 2,
      "createdBy": "user@example.com",
      "created": "2015-02-14T21:17:16Z"
    }
  ]
}
```

### HTTP 400

Name	Type	Description
------	------	-------------

# fastly Next-Gen WAF API

## Response Example

```
{"message":"Invalid site"}
```

## Update a redaction

PATCH /corps/{corpName}/sites/{siteName}/redactions/{id}

## Request

### URI Parameters

Name	Type	Description
id	string required: true	

### Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

### Body (application/json)

Name	Type	Description
field	string min len: 1	Field name
redactionType	integer max: 2	Type of redaction (0: Request Parameter, 1: Request Header, 2: Response Header)

# fastly Next-Gen WAF API

```
"redactionType": 1,  
}
```

## Responses

### HTTP 200

Name	Type	Description
id	string min len: 1	Unique identifier for the redaction
field	string min len: 1	Field name
redactionType	integer max: 2	Type of redaction (0: Request Parameter, 1: Request Header, 2: Response Header)
createdBy	string read only: true	Email address of the user that created the item
created	string format: date-time, read only: true	Created RFC3339 date time

## Response Example

```
{  
  
  "id": "0a54cf363622",  
  "field": "privateField",  
  "redactionType": 1,  
  "createdBy": "user@example.com",  
  "created": "2015-02-14T21:17:16Z"
```

# fastly Next-Gen WAF API

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

### Response Example

```
{"message":"Invalid site"}
```

## HTTP 404

Name	Type	Description
message	string read only: true	Error message

### Response Example

```
{"message":"Not found"}
```

## Delete from redactions

DELETE /corps/{corpName}/sites/{siteName}/redactions/{id}

### Request

### URI Parameters

Name	Type	Description
------	------	-------------

# fastly Next-Gen WAF API

## Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

## Responses

### HTTP 204

Successful removal from the list

### HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message": "Invalid site"}
```

### HTTP 404

Name	Type	Description
message	string read only: true	Error message

# fastly Next-Gen WAF API

## List agents

GET /corps/{corpName}/sites/{siteName}/agents

### Request

### Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

### Responses

#### HTTP 200

Name	Type	Description
data	agent array <a href="#">Show attributes</a>	
required		

### Response Example

```
{
  "data": [
    {
      "agent.active": true,
      "agent.addr": "unix:/var/run/sigsci.sock",
      "agent.args": "/opt/sigsci/sbin/sigsci-age",
      "agent.build_id": "6c105c9719172e5257255f9",
      "agent.connections_dropped": 0,
```

# fastly Next-Gen WAF API

```
"agent.decision_time_50th": 0.804362214285
"agent.decision_time_95th": 6.895777,
"agent.decision_time_99th": 9.037322,
"agent.enabled": true,
"agent.last_rule_update": "2016-01-25T15:4
"agent.last_seen": "2016-01-25T14:42:30Z",
"agent.max_procs": 1,
"agent.name": "testAgent",
"agent.read_bytes": 308250973,
"agent.rpc_postrequest": 8582,
"agent.rpc_prerequest": 409140,
"agent.rpc_updaterequest": 1315,
"agent.rule_updates": 158,
"agent.status": "online",
"agent.timestamp": 1453736459,
"agent.timezone": "UTC",
"agent.timezone_offset": 0,
"agent.upload_metadata_failures": 0,
"agent.upload_size": 2524,
"agent.uptime": 491731,
"agent.version": "1.8.5758",
"agent.write_bytes": 8492498,
"host.agent_cpu": 0.23333318319915222,
"host.architecture": "amd64",
"host.clock_skew": 15,
"host.cpu": 0,
"host.cpu_mhz": 2500,
"host.instance_type": "c3.large",
"host.num_cpu": 1,
"host.os": "Ubuntu 14.04.3 LTS",
"host.remote_addr": "123.123.97.219",
"module.server": "go1.5.3",
"module.version": "1.0",
"runtime.gc_pause_millis": 2505.317246,
"runtime.mem_size": 8837480,
"runtime.num_gc": 6540,
```

# fastly Next-Gen WAF API

}

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message": "Invalid site"}
```

## Agent Details

GET /corps/{corpName}/sites/{siteName}/agents/{agentName}

## Request

## URI Parameters

Name	Type	Description
agentName	string required: true	

## Query Parameters

Name	Type	Description
------	------	-------------

# fastly Next-Gen WAF API

## Responses

### HTTP 200

Name	Type	Description
agent.active	bool	Whether agent was seen in past 5 minutes
agent.addr	string	RPC Address
agent.args	string	Command line arguments
agent.build_id	string	Commit SHA of current build
agent.connections_dropped	integer	Counter of connections dropped by agent
agent.connections_open	integer	Gauge of simultaneous connections
agent.connections_total	integer	Counter of total connections
agent.current_requests	integer	Number of requests in last interval
agent.decision_time_50th	float	Decision time in ms, 50th percentile
agent.decision_time_95th	float	Decision time in ms, 95th percentile
agent.decision_time_99th	float	Decision time in ms, 99th percentile
agent.enabled	boolean	Configuration flag for on/off
agent.last_rule_update	date	Timestamp of last rules update in RFC3339
agent.last_seen	date	Timestamp of last heartbeat in RFC3339
agent.max_procs	integer	GOMAXPROCS setting
agent.name	string	Name

# fastly<sup>®</sup> Next-Gen WAF API

<code>agent.rpc_prerequest</code>	integer	Counter of total RPC PreRequests
<code>agent.rpc_updaterequest</code>	integer	Counter of total RPC UpdateRequests
<code>agent.rule_updates</code>	integer	Counter of rule updates
<code>agent.status</code>	string	Agent status (online/offline)
<code>agent.timestamp</code>	date	Agent's UTC Time
<code>agent.timezone</code>	string	Agent's timezone
<code>agent.timezone_offset</code>	string	Agent's timezone offset
<code>agent.upload_metadata_failures</code>	integer	Number of failures trying to send data since last successful send
<code>agent.upload_size</code>	integer	Byte size of last message uploaded to Signal Sciences platform
<code>agent.uptime</code>	integer	Counter of uptime in seconds
<code>agent.version</code>	string	Current version
<code>agent.write_bytes</code>	integer	Byte tally of write requests (POST, PUT, etc)
<code>host.agent_cpu</code>	float	Gauge of CPU usage by agent
<code>host.architecture</code>	string	Processor architecture
<code>host.clock_skew</code>	float	Median host clock skew (in seconds) over the past 5 minutes
<code>host.cpu</code>	float	Gauge of CPU usage
<code>host.cpu_mhz</code>	integer	CPU clock speed
<code>host.instance_type</code>	string	Instance type
<code>host.num_cpu</code>	integer	Number of CPUs
<code>host.os</code>	string	OS

# fastly Next-Gen WAF API

module.version	string	Module version
runtime.gc_pause_millis	float	Counter of garbage collection time
runtime.mem_size	integer	Gauge of bytes allocated for agent
runtime.num_gc	integer	Counter of garbage collections
runtime.num_goroutines	integer	Gauge of current number of goroutines

## Response Example

```
{
  "agent.active": true,
  "agent.addr": "unix:/var/run/sigsci.sock",
  "agent.args": "/opt/sigsci/sbin/sigsci-age",
  "agent.build_id": "6c105c9719172e5257255f9",
  "agent.connections_dropped": 0,
  "agent.connections_open": 0,
  "agent.connections_total": 419038,
  "agent.current_requests": 50,
  "agent.decision_time_50th": 0.804362214285,
  "agent.decision_time_95th": 6.895777,
  "agent.decision_time_99th": 9.037322,
  "agent.enabled": true,
  "agent.last_rule_update": "2016-01-25T15:4",
  "agent.last_seen": "2016-01-25T14:42:30Z",
  "agent.max_procs": 1,
  "agent.name": "testAgent",
  "agent.read_bytes": 308250973,
  "agent.rpc_postrequest": 8582,
  "agent.rpc_prerequest": 409140,
  "agent.rpc_updaterequest": 1315,
  "agent.rule_updates": 158,
  "agent.status": "online",
```

# fastly Next-Gen WAF API

```
"agent.upload_metadata_failures": 0,
"agent.upload_size": 2524,
"agent.uptime": 491731,
"agent.version": "1.8.5758",
"agent.write_bytes": 8492498,
"host.agent_cpu": 0.23333318319915222,
"host.architecture": "amd64",
"host.clock_skew": 15,
"host.cpu": 0,
"host.cpu_mhz": 2500,
"host.instance_type": "c3.large",
"host.num_cpu": 1,
"host.os": "Ubuntu 14.04.3 LTS",
"host.remote_addr": "123.123.97.219",
"module.server": "go1.5.3",
"module.version": "1.0",
"runtime.gc_pause_millis": 2505.317246,
"runtime.mem_size": 8837480,
"runtime.num_gc": 6540,
"runtime.num_goroutines": 12
}
```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

# fastly Next-Gen WAF API

## Get agent logs by agent name

GET /corps/{corpName}/sites/{siteName}/agents/{agentName}/logs

### Request

### URI Parameters

Name	Type	Description
agentName	string required: true	

### Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

### Responses

#### HTTP 200

Name	Type	Description
corp	string	the agent's parent Corp
site	string	the agent's parent Site
logs	log array <a href="#">Show attributes</a>	

### Response Example

# fastly Next-Gen WAF API

```
site : dashboard ,
  "logs": [
    {
      "hostName": "localhost",
      "logLevel": "INFO",
      "message": "1 rules updated",
      "createdAt": "2016-01-29T20:00:30Z"
    }
  ]
}
```

## List agent keys

GET /corps/{corpName}/sites/{siteName}/agentKeys

Fetches a list of all Agent Keys for a site. A site should only have one set of agent keys, and is limited to a maximum of two. The second set is used to ensure agent key rotation can be rolled back if needed, but the old agent keys should be deleted upon successful rotation and deployment of updated agents.

## Request

### Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output
isPrimary	boolean	Filters based on if the agent keys are the Site's primary agent keys

## Responses

### HTTP 200

# fastly Next-Gen WAF API

required: true

## Response Example

```
{
  "data": [
    {
      "accessKey": "d217f023-616e-4389-a23",
      "secretKey": "rNs7ti7dvbt0k20b4qCCL-",
      "isPrimary": true,
      "created": "2020-01-26T17:10:29.771Z",
      "updated": "2020-01-26T17:10:29.772Z"
    }
  ]
}
```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message":"Site not found"}
```

## HTTP 500

# fastly Next-Gen WAF API

## Response Example

```
{"message":"internal error"}
```

## Create Agent Keys

POST /corps/{corpName}/sites/{siteName}/agentKeys

Creates new, non-primary agent keys for a site. A site should only have one set of agent keys, and is limited to a maximum of two.

## Request

## Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

## Responses

### HTTP 200

Name	Type	Description
accessKey	string required: true	Agent configuration accesskeyid value
secretKey	string required: true	Agent configuration secretaccesskey value
isPrimary	boolean required: true	The primary agent keys for the Site in the cloud-hosted collection and analysis

# fastly Next-Gen WAF API

	format: date-time, read only: true, required: true	
updated	string format: date-time, read only: true, required: true	Updated RFC3339 date time

## Response Example

```
{
  "accessKey": "d217f023-616e-4389-a230-1665c7",
  "secretKey": "rNs7ti7dvbt0k20b4qCCL-Prob5QIR",
  "isPrimary": true,
  "created": "2020-01-26T17:10:29.771Z",
  "updated": "2020-01-26T17:10:29.772Z"
}
```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message":"agent keys max count of 2 reached"}
```

# fastly Next-Gen WAF API

## HTTP 404

Name	Type	Description
message	string read only: true	Error message

### Response Example

```
{"message":"not found"}
```

## HTTP 500

Name	Type	Description
message	string read only: true	Error message

### Response Example

```
{"message":"internal error"}
```

## Get Agent Keys by accessKey

GET /corps/{corpName}/sites/{siteName}/agentKeys/{accessKey}

Fetches agent keys by the accessKey.

### Request

### URI Parameters

# fastly Next-Gen WAF API

## Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

## Responses

### HTTP 200

Name	Type	Description
accessKey	string required: true	Agent configuration accesskeyid value
secretKey	string required: true	Agent configuration secretaccesskey value
isPrimary	boolean required: true	The primary agent keys for the Site in the cloud-hosted collection and analysis system. The primary agent keys should be used to configure the agent.
created	string format: date-time, read only: true, required: true	Created RFC3339 date time
updated	string format: date-time, read only: true, required: true	Updated RFC3339 date time

# fastly Next-Gen WAF API

```

    "accessKey": "d217f023-616e-4389-a230-16
    "secretKey": "rNs7ti7dvbt0k20b4qCCL-Prob
    "isPrimary": true,
    "created": "2020-01-26T17:10:29.771Z",
    "updated": "2020-01-26T17:10:29.772Z"
  }

```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

### Response Example

```
{"message":"Site not found"}
```

## HTTP 404

Name	Type	Description
message	string read only: true	Error message

### Response Example

```
{"message":"not found"}
```

# fastly Next-Gen WAF API

## HTTP 500

Name	Type	Description
message	string read only: true	Error message

### Response Example

```
{"message":"internal error"}
```

## Delete agent keys

DELETE /corps/{corpName}/sites/{siteName}/agentKeys/{accessKey}

Deletes the agent keys with the given accessKey. Will fail if the agent keys are the site's primary agent keys.

### Request

#### URI Parameters

Name	Type	Description
accessKey	string required: true	

#### Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

# fastly Next-Gen WAF API

Successful deletion of the agent keys

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

### Response Example

```
{"message": "cannot delete site's primary agent key"}
```

## HTTP 404

Name	Type	Description
message	string read only: true	Error message

### Response Example

```
{"message": "not found"}
```

## HTTP 500

Name	Type	Description
------	------	-------------

# fastly Next-Gen WAF API

## Response Example

```
{"message":"internal error"}
```

## Make agent keys primary

POST /corps/{corpName}/sites/{siteName}/agentKeys/{accessKey}/makePrimary

RPC call that updates a site's primary agent keys. Agents will stop receiving configuration updates after a new set of agent keys are made primary, and will begin receiving them again when the site's agents are properly configured and started with the new agent keys.

## Request

## Responses

### HTTP 204

Successfully set agent keys as site's primary agent keys

### HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message":"Site not found"}
```

# fastly Next-Gen WAF API

message	string read only: true	Error message
---------	---------------------------	---------------

## Response Example

```
{"message":"not found"}
```

## HTTP 500

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message":"internal error"}
```

## Get site's primary agent keys

GET /corps/{corpName}/sites/{siteName}/keys

Fetches the site's primary agent keys.

## Request

## Query Parameters

Name	Type	Description
------	------	-------------

# fastly Next-Gen WAF API

## Responses

### HTTP 200

Name	Type	Description
name	string	site name
accessKey	string	access key
secretKey	string	secret key

## Response Example

```
{
  "name": "www.example.com",
  "accessKey": "b7e03c6e-09db-4306-a69d-06a88d4b",
  "secretKey": "dzX0IhudazcfIQFpVu5069bMH07I4vav"
}
```

## List site integrations

GET /corps/{corpName}/sites/{siteName}/integrations

## Request

## Responses

### HTTP 200

Name	Type	Description
------	------	-------------

# fastly Next-Gen WAF API

required

## Response Example

```
{
  "data": [
    {
      "id": "556a8abb3dfaa4ff28000002",
      "name": "Slack message",
      "type": "slack",
      "url": "https://hooks.slack.com/services/T
      "events": [
        "webhookEvents"
      ],
      "active": true,
      "note": "Sample",
      "createdBy": "user@example.com",
      "created": "2015-02-14T21:17:16Z"
    }
  ]
}
```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

# fastly Next-Gen WAF API

## Create site integration

POST /corps/{corpName}/sites/{siteName}/integrations

### Request

#### Body (application/json)

Name	Type	Description
url	string required: true	Integration URL
type	string required: true	Corp integration types (mailingList, slack, microsoftTeams). Site integration types (mailingList, slack, datadog, generic, pagerduty, microsoftTeams, jira, opsgenie, victorops, pivotaltracker)
events	string array required: true	Array of event types. Visit our <a href="#">integrations documentation</a> to find out which events the service you are connecting allows.
note	string	Integration note

### Request Example

```
{
  "url": "https://hooks.slack.com/services/T00000",
  "type": "generic",
  "events": [
    "webhookEvents"
  ],
  "note": ""
}
```

# fastly Next-Gen WAF API

## Responses

### HTTP 200

Name	Type	Description
data	newIntegration array <a href="#">Show attributes</a> required: true	

### Response Example

```
{
  "data": [
    {
      "id": "5e2f5d8cf13d66152d396959",
      "name": "Generic webhook",
      "type": "generic",
      "url": "https://hooks.slack.com/serv",
      "fields": null,
      "events": [
        "webhookEvents"
      ],
      "active": true,
      "note": "",
      "createdBy": "user@example.com",
      "created": "2020-01-27T22:00:44Z",
      "lastStatusCode": 0
    }
  ]
}
```

# fastly Next-Gen WAF API

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message": "Invalid site"}
```

## Get site integration by id

GET /corps/{corpName}/sites/{siteName}/integrations/{id}

## Request

### URI Parameters

Name	Type	Description
id	string required: true	

### Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

## Responses

# fastly Next-Gen WAF API

<b>id</b>	string read only: true, required: true	Unique id of the integration
<b>name</b>	string required: true	Integration name
<b>type</b>	string required: true	Corp integration types: (mailingList, slack, microsoftTeams). Site integration types: (mailingList, slack, datadog, generic, pagerduty, microsoftTeams, jira, opsgenie, victorops, pivotaltracker)
<b>url</b>	string required: true	Integration URL
<b>fields</b>	object,null required: true	
<b>events</b>	string array required: true	Array of event types. Visit our <a href="#">integrations documentation</a> to find out which events the service you are connecting allows.
<b>active</b>	boolean read only: true, required: true	
<b>note</b>	string	Integration note
<b>createdBy</b>	string read only: true, required: true	Email address of the user that created the item
<b>created</b>	string format: date-time, read only: true, required: true	Created RFC3339 date time
<b>lastStatusCode</b>	number read only: true, required: true	

# fastly Next-Gen WAF API

```
"id": "556a8abb3dfaa4ff28000003",
"type": "generic",
"url": "https://hooks.slack.com/services/T
"events": [
  "webhookEvents"
],
"active": true,
"note": "Sample",
"createdBy": "user@example.com",
"created": "2015-02-14T21:17:16Z"
}
```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message": "Invalid site"}
```

## Update site integration by id

PATCH /corps/{corpName}/sites/{siteName}/integrations/{id}

## Request

## URI Parameters

# fastly Next-Gen WAF API

## Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

## Body (application/json)

Name	Type	Description
url	string	Integration URL
events	string array	Array of event types. Visit our <a href="#">integrations documentation</a> to find out which events the service you are connecting allows.

## Request Example

```
{
  "url": "https://hooks.slack.com/services/T
  "events": ["flag", "loggingModeChanged"]
}
```

## Responses

### HTTP 204

#### Successful update

# fastly Next-Gen WAF API

message	string read only: true	Error message
---------	---------------------------	---------------

## Response Example

```
{"message":"Invalid site"}
```

## HTTP 404

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message":"No integration with given id exists"}
```

## Delete site integration

DELETE /corps/{corpName}/sites/{siteName}/integrations/{id}

## Request

### URI Parameters

Name	Type	Description
id	string required: true	

# fastly Next-Gen WAF API

pretty	boolean	Pretty print the json output
--------	---------	------------------------------

## Responses

### HTTP 204

Successful removal from the list

### HTTP 400

Name	Type	Description
message	string read only: true	Error message

### Response Example

```
{"message": "Invalid site"}
```

### HTTP 404

Name	Type	Description
message	string read only: true	Error message

### Response Example

```
{"message": "No integration with given id exists"}
```

# fastly Next-Gen WAF API

POST /corps/{corpName}/sites/{siteName}/integrations/{id}/test

## Request

### URI Parameters

Name	Type	Description
id	string required: true	

## Responses

### HTTP 200

Test successful

### HTTP 500

Test failed

## List header links

GET /corps/{corpName}/sites/{siteName}/headerLinks

## Request

### Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

## Responses

# fastly Next-Gen WAF API

data	headerLink array <a href="#">Show attributes</a>
required	

## Response Example

```
{
  "data": [
    {
      "id": "558cf75c3dfaa4b9c2000001",
      "type": "response",
      "name": "X-Request-Id",
      "linkName": "Kibana",
      "link": "https://kibana.example.com/?q={{v",
      "createdBy": "user@example.com",
      "created": "2015-02-14T21:17:16Z"
    }
  ]
}
```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

# fastly Next-Gen WAF API

## Add to header links

POST /corps/{corpName}/sites/{siteName}/headerLinks

### Request

### Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

### Body (application/json)

Name	Type	Description
type	string min len: 1, required: true	The type of header, either 'request' or 'response'
link	string min len: 1, required: true	External link
linkName	string min len: 1, required: true	Name of header link for display purposes
name	string min len: 1, required: true	Name of header

### Request Example

```
{  
  "type": "response",  
  "name": "X-SplunkRequest-Id",
```

# fastly Next-Gen WAF API

## Responses

### HTTP 200

Name	Type	Description
data	headerLink array <a href="#">Show attributes</a>	
required		

## Response Example

```
{
  "data": [
    {
      "id": "558cf75c3dfaa4b9c2000001",
      "type": "response",
      "name": "X-Request-Id",
      "linkName": "Kibana",
      "link": "https://kibana.example.com/?q={{v",
      "createdBy": "user@example.com",
      "created": "2015-02-14T21:17:16Z"
    },
    {
      "id": "558cf75c3dfaa4b9c2000002",
      "type": "request",
      "name": "X-SplunkRequest-Id",
      "linkName": "Splunk",
      "link": "https://splunk.example.com/?q={{v
```

# fastly Next-Gen WAF API

```
]
}
```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message":"Invalid site"}
```

## Get header link by ID

GET /corps/{corpName}/sites/{siteName}/headerLinks/{headerLinkID}

## Request

## URI Parameters

Name	Type	Description
headerLinkID	string required: true	

## Query Parameters

Name	Type	Description
------	------	-------------

# fastly Next-Gen WAF API

## Responses

### HTTP 200

Name	Type	Description
id	string	Unique ID of the header link
type	string min len: 1, required: true	The type of header, either 'request' or 'response'
link	string min len: 1, required: true	External link
linkName	string min len: 1, required: true	Name of header link for display purposes
name	string min len: 1, required: true	Name of header
createdBy	string read only: true	Email address of the user that created the item
created	string format: date-time, read only: true	Created RFC3339 date time

### Response Example

```
{  
  "id": "558cf75c3dfaa4b9c2000001",  
  "type": "response",  
  "name": "X-Request-Id",  
  "linkName": "Kibana",
```

# fastly Next-Gen WAF API

```
},
```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message":"Invalid site"}
```

## Delete from header links

DELETE /corps/{corpName}/sites/{siteName}/headerLinks/{headerLinkID}

## Request

### URI Parameters

Name	Type	Description
headerLinkID	string required: true	

### Query Parameters

Name	Type	Description
------	------	-------------

# fastly Next-Gen WAF API

## Responses

### HTTP 204

Successful removal from the list

### HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message": "Invalid site"}
```

### HTTP 404

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message": "No header link with given id exists"}
```

## Get site monitors

GET /corps/{corpName}/sites/{siteName}/monitors

# fastly Next-Gen WAF API

Name	Type	Description
pretty	boolean	Pretty print the json output

## Responses

### HTTP 200

Name	Type	Description
data	monitor array <a href="#">Show attributes</a> required: true	

### Response Example

```
{
  "data": [
    {
      "id": "b7e03c6e-09db-4306-a69d-06a88d4b1d1",
      "url": "https://dashboard.signalsciences.n",
      "share": true,
      "createdBy": "user@example.com",
      "created": "2014-12-09T10:43:54-08:00"
    }
  ]
}
```

### HTTP 400

# fastly Next-Gen WAF API

## Response Example

```
{"message":"Site not found"}
```

## Generate site monitor URL

POST /corps/{corpName}/sites/{siteName}/monitors

## Request

## Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output
dashboardId	string required: true	The ID of the dashboard

## Responses

### HTTP 200

Name	Type	Description
data	siteMember array <a href="#">Show attributes</a> required: true	

## Response Example

# fastly Next-Gen WAF API

```
url": "https://dashboards.signalsciences.net/c  
"share": true,  
"createdBy": "user@example.com",  
"created": "2014-12-09T10:43:54-08:00"  
}
```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message": "Site monitor not found"}
```

## Update site monitor

PUT /corps/{corpName}/sites/{siteName}/monitors/{id}

## Request

### URI Parameters

Name	Type	Description
id	string required: true	

## Body (application/json)

# fastly Next-Gen WAF API

	required: true	
share	boolean required: true	Shareable link enabled

## Request Example

```
{
  "id": "be9072f8-50d3-48f0-acaf-c270502aa83"
  "share": true
}
```

## Responses

### HTTP 204

Site monitor updated

### HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message":"Site monitor not found"}
```

# fastly Next-Gen WAF API

message	string read only: true	Error message
---------	---------------------------	---------------

## Response Example

```
{"message":"No monitor URL for site exists"}
```

## Delete site monitor

DELETE /corps/{corpName}/sites/{siteName}/monitors/{id}

## Request

### URI Parameters

Name	Type	Description
id	string required: true	

## Responses

### HTTP 204

Delete successful

## List top attacks

GET /corps/{corpName}/sites/{siteName}/top/attacks

## Request

### Query Parameters

# fastly Next-Gen WAF API

until	integer	The POSIX Unix time to end
pretty	boolean	Pretty print the json output
field	one of (remoteAddr,remoteCountryCode,serverNameAndPath,path) default: remoteAddr, enum: remoteAddr,remoteCountryCode,serverNameAndPath,path	Field to group by
limit	integer default: 5, min: 1, max: 100	The number of results to be returned

## Responses

### HTTP 200

Name	Type	Description
totalRequests	integer	Total number of matching requests
data	topAttack array <a href="#">Show attributes</a> required: true	

## Response Example

# fastly Next-Gen WAF API

```
data: [
  {
    {
      "value": "US",
      "label": "United States",
      "count": 306
    },
    {
      "value": "JP",
      "label": "Japan",
      "count": 159
    },
    {
      "value": "CZ",
      "label": "Czech Republic",
      "count": 150
    }
  ]
}
```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

## Response Example

```
{"message":"Invalid site"}
```

# fastly Next-Gen WAF API

## Request

### Query Parameters

Name	Type	Description
pretty	boolean	Pretty print the json output

### Body (application/json)

Name	Type	Description
sample_request	string min len: 1, required: true	Sample request to be sent to the simulator. Each HTTP header should be separated by a literal newline (\n) character
sample_response	string required: true	Sample response to be sent to the simulator. Each HTTP header should be separated by a literal newline (\n) character

### Request Example

```
{
  "sample_request": "POST /foobar?key1=value1",
  "sample_response": "HTTP/1.1 200 OK\nServer:"
}
```

## Responses

### HTTP 200

# fastly Next-Gen WAF API

[Show attributes](#)  
required: true

## Response Example

```
{
  "data": {
    "waf_response": 406,
    "response_code": 406,
    "response_size": 20,
    "signals": [
      {
        "type": "BLOCKED",
        "location": "",
        "name": "",
        "value": "406",
        "detector": "6529987e8332b901d40cf",
        "redaction": 0
      }
    ]
  }
}
```

## HTTP 400

Name	Type	Description
message	string read only: true	Error message

# fastly Next-Gen WAF API

## Timeseries

### Get timeseries request info

GET /corps/{corpName}/sites/{siteName}/timeseries/requests

### Request

### Query Parameters

Name	Type	Description
from	integer	The POSIX Unix time to start
until	integer	The POSIX Unix time to end
pretty	boolean	Pretty print the json output
tag	string min len: 3, matching: [a-zA-Z0-9_-]+, required: true	Filter based on N request tags
rollup	integer default: 60, min: 60, max: 86400	Rollup interval in seconds e.g. 60 = 1 minute interval
format	one of (charts) default: charts, enum: charts	Desired output format

### Responses

# fastly Next-Gen WAF API

data	object array <a href="#">Show attributes</a> required: true
------	---

## Response Example

```
[
  {
    "type": "SQLI",
    "from": 1429835400,
    "until": 1429836300,
    "inc": 300,
    "data": [3,2,0,6],
    "summaryCount": 11,
    "totalPoints": 4,
  },
  {
    "type": "XSS",
    "from": 1429835400,
    "until": 1429836300,
    "inc": 300,
    "data": [1,7,1,0],
    "summaryCount": 9,
    "totalPoints": 4,
  }
]
```

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