



A Vsite is a networking entity on the Barracuda Web Application Firewall which can be used to host other entities such as service groups, virtual services, servers and rule groups. A vsite has its own routing table to route the traffic for services and servers configured in it.

## To Create a Vsite

**URL:** /v1/vsites

**Method:** POST

**Description:** Creates a vsite with the given name.

Parameter Name	Data Type	Mandatory	Description
<b>Input Parameters:</b>			
name	Alphanumeric	Yes	A name for the new vsite.
active_on	Numeric	Conditional	Specify the serial number of the unit on which the Vsite needs to be active. <b>Note:</b> This parameter is applicable <b>ONLY</b> if the unit is deployed in High Availability environment.

## Creating a Vsite in a Stand-Alone Unit

**Example:**

### # Creating Curl requests

URLs

: HTTP = http://192.168.0.1:8000/restpai/v1/{object\_id}

: HTTPS = https://192.168.0.1:443/restapi/v1/{object\_id}

### # Create URL

: -H = Request Header (Specify Content-Type)

: -X = Request Method (POST,GET,PUT,DELETE)

: -d = JSON data hash

: -u = Authentication token which you got back on login

```
curl http://192.168.0.1:8000/restapi/v1/vsites -u
'eyJldCI6IjEzNzk2NDh4MzciLCJwYXNzd29yZCI6ImIjZjZjZmVhZTk5MWFmMWUyNDYzYTFiNjA5\nYzYzZTFjliwidXNI
cil6ImFkbWluln0=\n:' -X POST -H Content-Type:application/json -d '{"name": "demo_vsite"}'
```

When executed, the above curl script will dump the result, and the output will look like this:

```
{ "id": "demo_vsite", "token": "eyJldCI6IjEzNzk2NDh4MzciLCJwYXNzd29yZCI6ImIjZjZjZmVhZTk5MWFmMWUyNDYzYTFiNjA5\nYzYzZTFjliwidXNI
TY1ODk1\nZjBjNzc2liwidXNIcil6ImFkbWluln0=\n" }
```



## Creating a Vsite in a Clustered Unit

### Request:

```
curl http://192.168.0.1:8000/restapi/v1/vsites -u
'eyJldCI6IjE0MzZM5NjUzMDQlLCJwYXNzd29yZCI6ImU1ZmU3NDc2MTEyZTdmOTA5NzQ0NTU2N2Zi\nZWl3MDEyIiwidXNlciI6ImFkbWludn0=\n:' -X POST -H Content-Type:application/json -d
'{"name":"demo_vsite2","active_on":"617055"}'
```

### Response:

```
{ "id": "demo_vsite2", "token": "eyJldCI6IjE0MzZM5NjUzMDQlLCJwYXNzd29yZCI6ImU1ZmU3NDc2MTEyZTdmOTA5NzQ0NTU2N2Zi\nZWl3MDEyIiwidXNlciI6ImFkbWludn0=\n" }
```

## To Retrieve Vsites

**URL:** /v1/vsites  
/v1/vsites/{vsite\_id}

**Method:** GET

**Description:** Lists all vsites if "vsite\_id" is not specified.

Parameter Name	Data Type	Mandatory	Description
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### Input Parameters:

parameters	Alphanumeric	Yes	The parameter names for which you want to retrieve the value. See <i>Example 2</i> .
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### Example 1:

#### Request:

```
curl http://192.168.0.1:8000/restapi/v1/vsites -u
'eyJldCI6IjEzMDQlLCJwYXNzd29yZCI6IjY0YTJiZW5kMzMyZjkyMTFIMzkxNTU2ZjAw\nZjc3MmIwIiwidXNlciI6ImFkbWludn0=\n:' -X GET
```

#### Response:

```
{ "parameters": null, "object": "Vsites", "data": [ { "service_group": [ "default" ], "service_groups": [ { "name": "default", "id": "default", "virtual_services": [ { "load_balance": { "algorithm": "round_robin", "failover_method": "load_balance", "persistence_method": "none" }, "service_hostname": [ ], "advanced_configuration": { "enable_web_application_firewall": "yes", "keepalive_requests": "64", "ntlm_ignore_extra_data": "no" }, "status": "enable", "session_timeout": "60", "instant_ssl": { "secure_site_domain": [ ], "status": "off", "sharepoint_rewrite_support": "off" }, "comments": null, "group": "default", "ip_address": "99.99.107.25", "id": "SERVICE_1", "ssl_offloading": { "ciphers": "default", "sni_certificate": [ ], "trusted_certificates": [ ], "status": "off", "enforce_client_certificate": "yes", "enable_tls_1_2": "yes", "enable_strict_sni_check": null, "selected_ciphers": "AES256-GCM-SHA384,AES256-SHA256,AES256-SHA,CAMELLIA256-SHA,DES-CBC3-SHA,AES128-GCM-SHA256,AES128-SHA256,AES128-SHA,SEED-SHA,CAMELLIA128-SHA,IDEA-CBC-SHA,RC4-SHA", "enable_tls_1": "yes", "domain": [ ], "enable_sni": "no", "enable_tls_1_1": "yes", "enable_client_authentication": "no", "enable_ssl_3": "yes" }, "mask": "255.255.255.255", "enable_access_logs": "yes", "name": "SERVICE_1", "port": "80", "security": { "ignore_case": "yes", "trusted_hosts_action": "default", "mode": "active", "web_firewall_log_level": "notice", "web_firewall_policy": "default", "rate_control_status": "off", "trusted_hosts_group": "", "rate_control_pool": "NONE", "client_ip_addr_header": null }, "address_version": "ipv4", "servers": [ { "in_band_health_checks": { "max_http_errors": "0", "max_refused": "10", "max_timeout_failure": "10", "max_other_failure": "10" }, "out_of_band_health_checks": { "enable_OOB_health_checks": "yes", "interval": "10" }, "advanced_configuration": { "client_impersonation": "no", "max_establishing_connections": "100", "max_keepalive_requests": "0", "max_connections": "10000", "max_requests": "1000", "timeout": "300000", "source_ip_to_connect": null, "max_spare_connections": "0" }, "ssl": { "enable_https": "no", "enable_tls_1_1": "yes", "client_certificate": null, "enable_ssl_3": "yes", "validate_certificate": "yes", "enable_tls_1
```

Vsites



```
_2":"yes","enable_tls_1":"yes"},"status":"in-  
service","name":null,"application_layer_health_check":{"additional_headers":[],"status_code":"200","url":null,"m  
ethod":"GET","match_content_string":null},"port":"80","comments":null,"backup_server":"no","connection_pooli  
ng":{"enable_connection_pooling":"yes","keepalive_timeout":"900000"},"weight":"1","ip_address":"11.11.1.117  
","id":null},"type":"HTTP","content_rules":[{}]}],"name":"default","id":"default","active_on":"140949","comment  
s":null},"limit":null,"token":"eyJldCI6IjEzODY3MTI2OTUiLCJwYXNzd29yZCI6ImNmODYyNWU0NDM1NjFhYWlyNGE1NjVhMTJl\nNmZkZGQ2IiwidXNlci6I  
mFkbWluln0=\n","offset":null}
```

**Example 2:**

**Request:**

```
curl http://192.168.0.1:8000/restapi/v1/vsites -u  
'eyJldCI6IjEzODY3MTI2MzliLCJwYXNzd29yZCI6IjY0YTJiZW5kMzMyZjkyMTFIMzIxNTU2ZjAw\nZjc3MmIwIiwidXNlci6I  
mFkbWluln0=\n' -X GET -G -d parameters=name
```

**Response:**

```
{"parameters":["name"],"object":"Vsites","data":[{"name":"default"}, {"name":"Cuda"}],"limit":null,"token":"eyJl  
dCI6IjEzODY3MTQ4MTQwIiwidXNlci6I  
mFkbWluln0=\n","offset":null}
```

**Example 3:**

**Request:**

```
curl http://192.168.0.1:8000/restapi/v1/vsites -u  
'eyJldCI6IjE0MzY5MDQwIiwidXNlci6I  
mFkbWluln0=\n' -X GET -G -d parameters=active_on,service_group
```

**Response:**

```
{"parameters":["active_on","service_group"],"object":"Vsites","data":  
[{"service_group":"default","active_on":"511256"},  
{"service_group":["dut1_vsite1_group"],"active_on":"511256"},  
{"service_group":["dut2_vsite1_group"],"active_on":"617055"},  
{"service_group":["demo_vsite2_group"],"active_on":"511256"}  
],"limit":null,"token":"eyJldCI6IjE0MzY5MDQwIiwidXNlci6I  
mFkbWluln0=\n","offset":null}
```

## To Update a Vsite

**URL:** /v1/vsites/{vsite\_id}

**Method:** PUT

**Description:** Updates the vsite with the given value.

Parameter Name	Data Type	Mandatory	Description
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**Input Parameters:**

Comments	Alphanumeric	Optional	Description about the vsite.
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## Updating a Vsite in a Stand-Alone Unit



**Example 1:**

**Request:**

```
curl http://192.168.0.1:8000/restapi/v1/vsites/demo_vsite -u
'eyJldCI6IjEzODAyMzQyMzEiLCJwYXNzd29yZCI6IjAzNjU5ZGIxZDUwMzc3MTJlYzJhMDkzNTgy\nOGewYTA2IiwidXNlci
I6ImFkbWluln0=\n:' -X PUT -H Content-Type:application/json -d '{"comments":"TEST"}'
```

**Response:**

```
{"msg":"Configuration
Updated","id":"demo_vsite","token":"eyJldCI6IjEzODAyMzQyMzEiLCJwYXNzd29yZCI6IjM4ZjdkMDhjOTdINDBiNThjO
GlzZjliMWRl\nZGY2NmJlIiwidXNlciI6ImFkbWluln0=\n"}
```

### Updating a Vsite in a Clustered Unit

**Example 2:**

**Request:**

```
curl http://192.168.0.1:8000/restapi/v1/vsites/demo_vsite2 -u
'eyJldCI6IjE0MzU5ZmUzMDQiLCJwYXNzd29yZCI6ImU1ZmU3NDc2MTEyZTdmOTA5NzQ0NTU2N2Zi\nZWl3MDEyIiwidXNlciI6ImFkbWluln0=\n:' -X PUT -H Content-Type:application/json -d
'{"comments":"TEST","active_on":"511256"}'
```

**Response:**

```
{"msg":"Configuration
Updated","id":"demo_vsite2","token":"eyJldCI6IjE0MzU5ZmUzMDQiLCJwYXNzd29yZCI6IjhhMjI3YzYxOTImZjBjN2Fk
NTY4MTQ1ODU5\nZWU2M2QxIiwidXNlciI6ImFkbWluln0=\n"}
```

### To Delete a Vsite

**URL:** /v1/vsites/{vsite\_id}

**Method:** DELETE

**Description:** Deletes the given vsite.

**Example:**

**Request:**

```
curl http://192.168.0.1:8000/restapi/v1/vsites/demo_vsite -u
'eyJldCI6IjEzODAyMzQyMzEiLCJwYXNzd29yZCI6IjYzQ3NTNkNWUyMDZlOTg5OTU5OWQ1\nMGNIY2FlliwidXNlciI6ImFkbWluln0=\n:' -X DELETE
```

**Response:**

```
{"msg":"Successfully
deleted","token":"eyJldCI6IjEzODAyMzQyMzEiLCJwYXNzd29yZCI6IjM1ZjQ3NDZmN2Q5MzY3Y2RjYTViZjdjMTk4\nYzA2MzFlliwidXNlciI6ImFkbWluln0=\n"}
```

