



Qualys Certificate View v3.2.0

API Release Notes

Version 3.2.0

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Qualys Certificate View API gives you many ways to integrate your programs and API calls with Qualys capabilities.

What's New

[New API: Get List of External Sites](#)

[New API: Add Bulk External Sites](#)

[Tokens, Operators Compatibility for Get List of External Sites API](#)

[Tokens with Date Format Compatibility for Get List of External Sites API](#)

The Qualys API URL you should use for API requests depends on the Qualys platform where your account is located.

[Click here to identify your Qualys Platform and get the API URL](#)

This documentation uses the API server URL (`qualys_base_url`) for Qualys Platform (<https://qualysapi.qualys.com>) in sample API requests. Replace this URL with the appropriate server URL for your account according to your platform.

New API: Get List of External Sites

APIs affected	/certview/v1/externalSites/
Method	POST
New or Updated APIs	New

We have introduced new API Get list of external sites. Use this API to get list of external sites associated with your account. You can use various filters to search the required result. The response contains details of the external sites such as ID creation date, scan date, scan status.

Notes: While creating your query, ensure the following:

- Value field can not be empty when the comparison operator is other than IS_EMPTY and IS_NOT_EMPTY.
- IN operator only accepts up to 1000 comma separated values.
- CONTAINS operator does not work with field of type Date, Boolean and IP Address.
- GREATER, LESSER, GREATER_THAN_EQUAL and LESS_THAN_EQUAL operators do not work with Boolean, string, and IP address.

Input Parameters

Parameter	Mandatory /Optional	Data Type	Description
filter	Optional	String	<p>Filter the events list by providing a value in JSON format in the request. If you do not provide filter parameter, it shows details of all the external sites. Filter parameter contains two fields, filters and operation. For example (JSON) -</p> <pre>{ "filters":[{ "field":"string", "value":"string", "operator":"CONTAINS" }], "operation":"AND" }</pre> <p>Refer to the list of tokens you can use to build the query: Tokens, Operators Compatibility for Get List of External Sites API</p>
pageNumber	Optional	Integer	The page to be returned. Starts from zero.
pageSize	Optional	Integer	<p>Provide the number of records per page to be included in the response. Default: 10. Maximum: 200 For example, the total result set is 50 assets. If the page size is specified as 10, then the result is divided in 5 pages with 10 assets each.</p>
includes	Optional	String	Use ASSETS to include in the response.
Authorization	Mandatory	String	<p>Authorization token to authenticate to the Qualys Cloud Platform. Prepend token with Bearer and one space. For example - Bearer <authToken></p>

Sample 1: List all External Sites (API Request Without Filter)

API Request:

```
curl -X 'POST'
'<qualys_base_url>/certview/v1/externalSites'
-H 'accept: application/json' -H Authorization: Bearer <JWT Token>
-H 'Content-Type: application/json'
-d '{
  "filter": {
    "filters": [
      {
        "field": "string",
        "value": "string",
        "operator": "CONTAINS"
      }
    ],
    "operation": "AND"
  },
  "pageNumber": 0,
  "pageSize": 0,
  "includes": [
    "ASSETS"
  ]
}'
```

Response:

```
[
  [
    {
      "id":16,
      "name":"8.x.x.x",
      "createDate":"2022-12-05T08:41:29.000+00:00",
      "scanStatus":"Canceled",
      "scanDate":"2022-12-05T08:43:31.000+00:00"
    },
    {
      "id":17,
      "name":"www.example.com",
      "createDate":"2022-12-05T08:41:29.000+00:00",
      "scanStatus":"Error",
      "scanDate":"2023-03-08T04:07:05.000+00:00"
    },
    {
      "id":5,
      "name":"www.example2.com",
      "createDate":"2022-12-05T07:09:32.000+00:00",
      "scanStatus":"Error",
      "scanDate":"2023-03-08T04:06:13.000+00:00"
    }
  ],
]
```

```
{
  "id":6,
  "name":"x.5.x.2",
  "createDate":"2022-12-05T07:09:32.000+00:00",
  "scanStatus":"Canceled",
  "scanDate":"2022-12-05T07:12:59.000+00:00"
},
{
  "id":618001,
  "name":"example1.com",
  "createDate":"2023-04-10T09:57:28.000+00:00",
  "scanStatus":"Finished",
  "scanDate":"2023-04-10T11:04:42.000+00:00"
},
{
  "id":10,
  "name":"example.api.com",
  "createDate":"2022-12-07T05:57:26.000+00:00",
  "scanStatus":"Error",
  "scanDate":"2023-03-08T04:06:37.000+00:00"
},
{
  "id":622004,
  "name":"p3.com",
  "createDate":"2023-05-16T10:33:55.000+00:00",
  "scanStatus":"Finished",
  "scanDate":"2023-05-16T10:38:31.000+00:00"
}
]
```

Sample 2: List all External Sites Matching the Filter Criteria

API Request:

```
curl -X 'POST'
'<qualys_base_url>/certview/v1/externalSites'-H 'accept:
application/json' -H Authorization: Bearer <JWT Token>
-H 'Content-Type: application/json'
-H "Authorization: Bearer <JWT Token>"
-d {
  "filter":{
    "filters":[
      {
        "field":"externalSite.id",
        "value":"14",
        "operator":"EQUALS"
      }
    ],
    "operation":"AND"
  },
}
```

```
"pageNumber":0,  
"pageSize":10,  
"includes":[  
  "ASSETS"  
]  
}
```

Response:

```
[  
  {  
    "id":14,  
    "name":"1.xx.xx.xx",  
    "createDate":"2022-12-26T06:22:02.000+00:00",  
    "scanStatus":"Error",  
    "scanDate":"2023-03-16T10:42:29.000+00:00",  
    "assets":[  
      {  
        "id":389622,  
        "name":"www.examples.com",  
        "ip":"10.4xx.2xx.1xx"  
      }  
    ]  
  }  
]
```

Sample 3: Response When the Query Contains an Invalid Operator

API Request:

```
curl -X 'POST'  
'<qualys_base_url>/certview/v1/externalSites'  
-H 'accept: application/json' -H Authorization: Bearer <JWT Token>  
-H 'Content-Type: application/json'  
-H "Authorization: Bearer <JWT Token>"  
-d {  
  "filter":{  
    "filters":[  
      {  
        "field":"external2Site.createDate",  
        "value":"2023-05-01",  
        "operator":"GREATER"  
      }  
    ],  
    "operation":"AND"  
  },  
  "pageNumber":0,  
  "pageSize":10  
}
```

Response:

```
{
  "errorCode":10001,
  "message":"The Filter field :external2Site.createDate provided in
request in not allowed . Allowed fields are : [externalSite.name,
externalSite.id, externalSite.scanStatus, externalSite.scanDate,
externalSite.createDate]",
  "subErrors":null,
  "status":"BAD_REQUEST",
  "timestamp":"2023-08-11T08:39:06.897+00:00"
}
```

New API: Add Bulk External Sites

APIs affected	/certview/v1/externalSites/bulkAdd
Method	POST
New or Updated APIs	New

Use this API to upload CSV file to add external sites to the account. A single CSV file can contain upto 1000 records.

Input Parameters

Parameter	Mandatory /Optional	Data Type	Description
file	Mandatory	file	Provide the CSV file with single column. Note: A single CSV file can contain up to 1000 records.
action	Mandatory	String	Select the action to be performed on uploaded CSV. Choose SAVE or SAVE_AND_LAUNCH once the CSV is uploaded.
Authorization	Mandatory	String	Authorization token to authenticate to the Qualys Cloud Platform. Prepend token with Bearer and one space. For example - Bearer <authToken>

Sample 1: Response when a valid CSV is uploaded

API Request:

```
curl -X POST
'<qualys_base_url>/certview/v1/certview/v1/externalSites/bulkAdd?action=S
AVE'
-H 'Accept: application/json'
-H 'Authorization: Bearer <JWT Token>'
-H 'Content-Type: multipart/form-data'
-F 'file=@test1.csv;type=text/csv'
```

Response:

Created

Response code: 202

Sample 2: Response When Invalid Records Present in CSV

API Request:

```
curl -X POST
'<qualys_base_url>/certview/v1/certview/v1/externalSites/bulkAdd?action=S
AVE'
-H 'Accept: application/json'
-H 'Authorization: Bearer <JWT Token>'
-H 'Content-Type: multipart/form-data'
-F 'file=@test1.csv;type=text/csv'
```

Response:

```
{
  "errorCode": 400,
  "message": null,
  "subErrors": [
    {
      "errorCode": 400,
      "field": "172.16.0.0",
      "lineNo": 1,
      "message": "Provide a valid public IP address"
    },
    {
      "errorCode": 400,
      "field": "2001:db8:3333:4444:5555:6666:7777:8888",
      "lineNo": 2,
      "message": "We don't support IPv6 right now, so Please provide a
IPv4 address"
    },
    {
      "errorCode": 400,
      "field": ".qualys.com",
      "lineNo": 3,
```

```
        "message": "Invalid FQDN or IP Address"
    }
],
"status": "BAD_REQUEST",
"timestamp": "2023-09-06T11:41:24.196+00:00"
}
```

Tokens, Operators Compatibility for Get List of External Sites API

You can refer the following tokens and their supported data types and operator while making queries for list Get List of External Sites API.

Token	Data Types	Description	Operators Supported
externalSite.name	string	Search the external site using an FQDN (Fully Qualified Domain Name) or an IP address.	IN, IS_EMPTY, IS_NOT_EMPTY, EQUALS, NOT_EQUALS, CONTAINS
externalSite.scanStatus	string	Search the external sites using their last scan status.	IN, IS_EMPTY, IS_NOT_EMPTY, EQUALS, NOT_EQUALS, CONTAINS
externalSite.createDate	long date	Search the external sites using the date sites were added to the account.	IN, LESSER, IS_EMPTY, GREATER, GREATER_THAN_EQUAL, IS_NOT_EMPTY, EQUALS, NOT_EQUALS, LESS_THAN_EQUAL
externalSite.scanDate	long date	Search the external sites using the last scan date in YYYY-MM-DD format.	IN, LESSER, IS_EMPTY, GREATER, GREATER_THAN_EQUAL, IS_NOT_EMPTY, EQUALS, NOT_EQUALS, LESS_THAN_EQUAL
externalSite.id	string	Search the external site using ID.	IN, LESSER, IS_EMPTY, GREATER, GREATER_THAN_EQUAL, IS_NOT_EMPTY, EQUALS, NOT_EQUALS, LESS_THAN_EQUAL, CONTAINS

Tokens with Date Format Compatibility for Get List of External Sites API

Refer the following tokens which take dates in the queries and their supported date formats with example.

Token	Format	Example
externalSite.createDate	epoch date format	1863402251000
	yyyy-MM-dd'T'HH:mm:ss'Z	2029-01-18T09:14:11Z
	yyyy-MM-dd'T'HH:mm'Z'	2029-01-18T09:14Z
externalSite.scanDate	yyyy-MM-dd'T'HH'Z'	2029-01-18T09Z
	yyyy-MM-dd'Z'	2029-01-18Z
	yyyy-MM-dd	2029-01-18
	yyyy-MM-dd HH:mm:ss	2029-01-18 09:14:11