



Qualys Certificate View v2.12.0

API Release Notes

Version 2.12.0

January 16, 2023

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

What's New

[New ExcludeFields Parameter in List CertView Certificates \(v2\)](#)

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 for Qualys US Platform 1 (<https://qualysapi.qualys.com>) in sample API requests. Please replace this URL with the appropriate server URL for your account if you're on another platform.

New ExcludeFields Parameter in List CertView Certificates (v2)

APIs affected	/certview/v2/certificates
Method	Post
New or Updated APIs	Updated

You can use this API to retrieve certificates. Using the existing filters and parameters, you can narrow down the search results for certificates. We have now introduced a new parameter `excludeFields` so that you can exclude the fields from the API response.

Input Parameters

Use the following new input parameter to exclude the fields from the API response. Refer to the [CertView API User Guide](#) for details on all available input parameters.

<code>excludeFields</code> (String)	(Optional) Exclude the specified parameters from the response. For example- <code>certificate.certhash</code> , <code>certificate.keySize</code> , <code>asset.netbiosName</code> , <code>asset.uuid</code> . Note: You can exclude multiple fields in the same query by using comma separated field names. For more details, refer to the list of tokens .
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Sample with a Single Exclude Filter

The following sample request specifies page size as 10 and filter as certificate.id and includes the parameter as ASSET_INTERFACES and exclude field parameter as certificate.subject the request. The request fetches all certificates related to this query. The response has certificate details and related asset and instance summary but excludes certificate subject field.

API request:

```
curl -X 'POST' \  
  "https://gateway.gg1.apps.qualys.com/certview/v2/certificates" \  
  -H 'accept: application/json' -H 'Authorization: Bearer \  
  -H 'Content-Type: application/json' -d '{"filter": {  
    "filters": [{"field": "certificate.id", "value": "6677",  
    "operator": "CONTAINS"}], "operation": "AND"}, "pageNumber": 0,  
    "pageSize": 10, "includes": ["ASSET_INTERFACES"], "excludeFields":  
    "certificate.subject"}'
```

Response:

```
[  
  {  
    "id": 6677,  
    "certhash":  
    "61ffdf5ec74189b0f6f256fc42fe858bb04c1862c0f4cb9ec9d5f9bf4b2e0499",  
    "keySize": 2048,  
    "serialNumber": "0e66f3475fd186c97dbd7fc274b0ddca",  
    "validToDate": "2021-08-04T12:00:00.000+00:00",  
    "validTo": 1628078400000,  
    "validFromDate": "2020-07-30T00:00:00.000+00:00",  
    "validFrom": 1596067200000,  
    "signatureAlgorithm": "SHA256withRSA",  
    "extendedValidation": true,  
    "createdDate": "2020-10-26T10:43:53.000+00:00",  
    "dn": "CN=www.qualys.com, O=\"Qualys, Inc.\", L=Foster City,  
    ST=California, C=US, serialNumber=3152140, StateOrProvince=Delaware,  
    CountryName=US, businessCategory=Private Organization",  
    "updateDate": "2021-07-29T05:39:03.000+00:00",  
    "lastFound": 1627537143000,  
    "issuer": {  
      "organization": "DigiCert Inc",  
      "organizationUnit": [  
        "www.digicert.com"  
      ],  
      "name": "DigiCert SHA2 Extended Validation Server CA",  
      "country": "US",  
      "state": "",  
      "certhash":  
      "403e062a2653059113285baf80a0d4ae422c848c9f78fad01fc94bc5b87fef1a",  
      "locality": ""  
    }  
  }  
]
```

```
    },  
    "rootissuer": {  
      "organization": "DigiCert Inc",  
      "organizationUnit": [  
        "www.digicert.com"  
      ],  
      "name": "DigiCert High Assurance EV Root CA",  
      "country": "US",  
      "state": "",  
      "certhash":  
"7431e5f4c3c1ce4690774f0b61e05440883ba9a01ed00ba6abd7806ed3b118cf",  
      "locality": ""  
    },  
    "issuerCategory": "unapproved"  
  }  
]
```

Sample with Multiple Exclude Filters

The following sample request specifies page size as 10 and two filters as `certificate.id` and includes the parameters as `ASSET_INTERFACES` and excludes the field `certificate.issuer.certhash,asset.name` in the request; the request fetches all certificates related to this query. The response has certificate details and related asset and instance summary with the given field excluded from the result.

API request:

```
curl -X POST
"https://gateway.ggl.apps.qualys.com/certview/v2/certificates' \
-H 'accept: application/json'-H 'Authorization: Bearer \'-H 'Content-Type:
application/json' -d "filter": {"filters":[{"field":
"certificate.id","value": "6677", "operator": "CONTAINS"}],"operation":
"AND"},"pageNumber": 0,"pageSize": 10,"includes":
["ASSET_INTERFACES"],"excludeFields":
"certificate.issuer.certhash,asset.name"
```

Response:

```
[
  {
    "id": 6677,
    "certhash":
"61ffdf5ec74189b0f6f256fc42fe858bb04c1862c0f4cb9ec9d5f9bf4b2e0499",
    "keySize": 2048,
    "serialNumber": "0e66f3475fd186c97dbd7fc274b0ddca",
    "validToDate": "2021-08-04T12:00:00.000+00:00",
    "validTo": 1628078400000,
    "validFromDate": "2020-07-30T00:00:00.000+00:00",
    "validFrom": 1596067200000,
    "signatureAlgorithm": "SHA256withRSA",
    "extendedValidation": true,
    "createdDate": "2020-10-26T10:43:53.000+00:00",
    "dn": "CN=www.qualys.com, O=\"Qualys, Inc.\", L=Foster City,
ST=California, C=US, serialNumber=3152140, StateOrProvince=Delaware,
CountryName=US, businessCategory=Private Organization",
    "subject": {
      "organization": "Qualys, Inc.",
      "locality": "Foster City",
      "name": "www.qualys.com",
      "state": "California",
      "country": "US",
      "organizationUnit": []
    },
    "updateDate": "2021-07-29T05:39:03.000+00:00",
    "lastFound": 1627537143000,
    "issuer": {
      "organization": "DigiCert Inc",
      "organizationUnit": [
```

```
        "www.digicert.com"
    ],
    "name": "DigiCert SHA2 Extended Validation Server CA",
    "country": "US",
    "state": "",
    "locality": ""
  },
  "rootissuer": {
    "organization": "DigiCert Inc",
    "organizationUnit": [
      "www.digicert.com"
    ],
    "name": "DigiCert High Assurance EV Root CA",
    "country": "US",
    "state": "",
    "certhash":
"7431e5f4c3c1ce4690774f0b61e05440883ba9a01ed00ba6abd7806ed3b118cf",
    "locality": ""
  },
  "issuerCategory": "unapproved"
}
]
```

Supported Tokens for Certificate, Asset, and Instances

You can refer the following tokens while making queries.

Certificate	Asset	Instances
certificate.certhash, certificate.keySize, certificate.serialNumber, certificate.validToDate, certificate.validTo, certificate.validFromDate, certificate.validFrom, certificate.signatureAlgorithm, certificate.extendedValidation, certificate.createdDate, certificate.dn, certificate.updateDate, certificate.lastFound, certificate.imported, certificate.selfSigned, certificate.issuerCategory, certificate.subject, certificate.subject.country, certificate.subject.name, certificate.subject.locality, certificate.subject.organization, certificate.subject.organizationUnit, certificate.subject.state, certificate.issuer, certificate.issuer.certhash, certificate.issuer.country, certificate.issuer.name, certificate.issuer.locality, certificate.issuer.organization, certificate.issuer.organizationUnit, certificate.issuer.state, certificate.rootissuer, certificate.rootissuer.certhash, certificate.rootissuer.country, certificate.rootissuer.name, certificate.rootissuer.locality, certificate.rootissuer.organization, certificate.rootissuer.organizationUnit, certificate.rootissuer.state, certificate.assets	asset.netbiosName, asset.uuid, asset.name, asset.hostInstances, asset.operatingSystem	hostInstance.port, hostInstance.fqdn, hostInstance.service, hostInstance.protocol, hostInstance.grade