



# Qualys CloudView v1.x

## API Release Notes

Version 1.19.0

November 08, 2021

The Qualys CloudView API provides automation and integration capabilities for your Qualys subscription. You'll find all the details in our user guides, available at the time of release. Just log in to your Qualys account and go to Help > Resources.

### What's New

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### URL to the Qualys API Server

Qualys maintains multiple Qualys platforms. The Qualys API server URL that you should use for API requests depends on the platform where your account is located.

Account Location	API Server URL
Qualys US Platform 1	<a href="https://qualysguard.qualys.com">https://qualysguard.qualys.com</a>
Qualys US Platform 2	<a href="https://qualysguard.qg2.apps.qualys.com">https://qualysguard.qg2.apps.qualys.com</a>
Qualys US Platform 3	<a href="https://qualysguard.qg3.apps.qualys.com">https://qualysguard.qg3.apps.qualys.com</a>
Qualys EU Platform 1	<a href="https://qualysguard.qualys.eu">https://qualysguard.qualys.eu</a>
Qualys EU Platform 2	<a href="https://qualysguard.qg2.apps.qualys.eu">https://qualysguard.qg2.apps.qualys.eu</a>
Qualys India Platform 1	<a href="https://qualysguard.qg1.apps.qualys.in">https://qualysguard.qg1.apps.qualys.in</a>
Qualys Canada Platform	<a href="https://qualysguard.qg1.apps.qualys.ca">https://qualysguard.qg1.apps.qualys.ca</a>
Qualys AE Platform	<a href="https://qualysguard.qg1.apps.qualys.ae">https://qualysguard.qg1.apps.qualys.ae</a>
Qualys Private Cloud Platform	<a href="https://qualysguard.&lt;customer_base_url&gt;">https://qualysguard.&lt;customer_base_url&gt;</a>

The Qualys API documentation and sample code use the API server URL for the Qualys US Platform 1. If your account is located on another platform, please replace this URL with the appropriate server URL for your account.

## Multiple Policy Support for Fetch Remediation Activity

New API	/rest/v1/remediation/activity
New or Updated APIs	Update
Operator	GET

We have now fixed an issue in Fetch Remediation Activity API response. Earlier, the response included only single policy name associated with the remediated control. After the fix, API response now includes all the policy names associated with a remediated control.

### Input Parameters

No change in input parameters

### Fetch Remediation Activity (AWS)

Let us view an example for fetching remediation activity for AWS cloud provider.

#### API request:

```
curl -k -X GET -u <username>:<password>  
'https://<QualysURL>/cloudviewapi/rest/v1/remediation/activity?cloudType=  
AWS&pageNo=0&pageSize=50'
```

#### Response (XML):

```
{  
  "content": [  
    {  
      "resourceId": "sg-0d76f2efc6a603d43",  
      "controlId": 41,  
      "cloudType": "AWS",  
      "accountId": "XXXXXXXXXXXX",  
      "region": "N. Virginia",  
      "status": "Success",  
      "resourceType": "Security Group",  
      "remediationAction": "Control Remediation",  
      "connectorName": "phase-3-awsconnector",  
      "policyNames": [  
        "CIS Amazon Web Services Foundations Benchmark",  
        "CloudView-AWS-Test-Policy"  
      ],  
      "controlName": "Ensure no security groups allow ingress from  
0.0.0.0/0 to port 22",  
      "triggeredOn": "2021-10-26T05:14:38.607+00:00",  
      "Errors": "",  
    }  
  ]  
}
```

```
        "triggeredBy": "John Doe",  
        "remediationReason": "Test remediation activity API"  
    },  
    ...  
    "numberOfElements": 3,  
    "size": 50,  
    "number": 0,  
    "empty": false  
}
```

## Enhancements to IaC Scan: New Optional Parameters for Trigger IaC Scan

New API	/rest/v1/iac/scan
New or Updated APIs	Update
Operator	POST

We have introduced optional parameters when you initiate an IaC scan. The new parameter is policyName and is optional parameter for IaC Scan API. If you specify a PolicyName in the request, the template is scanned against the applicable controls of the specified policy.

We support two method: XML and JSON for the response. You can choose the required method and fetch the data in XML and JSON.

### Input Parameters

Parameter	Description
policyName	Specify the name of the policy in the request. Use the policy name to restrict the evaluation of controls during the scan. Only the controls associated with the specified policy are evaluated during the scan. If PolicyName parameter is empty, the IaC Scan API scans the template for all the controls that are applicable to resources in the template and return the scan results accordingly.

### Trigger IaC Scan

Let us view an example of triggering an IaC scan with policy name as AZURE Infrastructure as Code Security Best Practices Policy.

#### API request:

```
curl -X POST
'https://<QualysBaseURL>/cloudview-api/rest/v1/iac/scan'
-H 'authorization: Basic XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX='
-H 'Content-Type: multipart/form-data'
-F 'file=@azure_security-group.tf'
-F 'name=DemoTemplate'
-F 'policyName=AZURE Infrastructure as Code Security Best Practices
Policy'
-F 'showOnlyFailedControls=false'
-F 'tags=[{"Key":"Value"}]'
```

#### Response (XML):

```
{  
  "scanUuid": "337a21ef-3c53-43bf-aed6-46f04e1c542d"  
}
```

## Enhancements to IaC Scan: Response Update for Get IaC Scan Result

New API	/rest/v1/iac/getScanList
New or Updated APIs	Update
Operator	GET

We have now added error codes to the response when you fetch IaC scan results for troubleshooting purposes. You can provide the error codes to Qualys support that helps us troubleshoot the issue.

### Input Parameters

No change in input parameters.

### Get IaC Scan Result Error Sample

If you fetch IaC scan results and the scan has gone in error state for some reason.

#### API request:

```
curl -X GET
"https://<QualysBaseURL>/cloudviewapi/rest/v1/iac/getScanList?filter=scan
Uuid:3010f375-084f-408f-9590-8a4692a5538c&pageNo=0&pageSize=80"
-H 'authorization: Basic XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX'
```

#### Response (XML):

```
{
  "scanUuid": "3010f375-084f-408f-9590-8a4692a5538c",
  "scanDate": "2021-09-23T12:09:35.283+00:00",
  "name": "text file",
  "status": "ERROR",
  "tags": [],
  "message": "INTERNAL ERROR",
  "errorCode": 70503
}
```