



Qualys Connector v1.x

API Release Notes

Version 1.8.0

July 14, 2023

The new version of Qualys Connector App introduces API changes for AWS connectors. 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?

[Introduced Region Selection Parameter for AWS CSPM Connector APIs](#)

Qualys API Server URL

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 does not use any specific API gateway URL, instead, `<qualys_base_url>` is used in sample API requests. If you're on another platform, please replace this URL with the appropriate gateway URL for your account.

Introduced Region Selection Parameter for AWS CSPM Connector APIs

We have introduced a new parameter for the V3 and V2 versions of create and update AWS CSPM connector APIs. The `cspmRegions` parameter lets you restrict asset discovery to selected regions. The new parameter prevents additional charges being levied against you by AWS for API calls made to unselected regions.

The introduction of `cspmRegions` parameter also impacts the `endpoints` parameter which is used to list out asset inventory regions. The list of regions defined for `endpoints` parameter must be selected from the regions defined for `cspmRegions` parameter.

Input Parameter

Parameters	New/Updated	Mandatory/Optional	Data Type	Description
<code>cspmRegions</code>	New	Optional	List	List of AWS regions to which you want the CSPM to limit the scanning. Note: This parameter is applicable only when the <code>allRegions</code> parameter is set to false.
<code>endpoints</code>	Updated	Optional	List	List of AWS regions to which you want the Asset Inventory to limit the scanning. Note: The endpoint region codes must be selected from the provided <code>cspmRegion</code> codes.

Note: The region selection parameter for CSPM is not available by default. You must contact support to enable the parameter for your subscription.

List of impacted APIs:

[Region Selection Introduced for Create AWS Connector V3 API](#)

[Region Selection Introduced for Update AWS Connector V3 API](#)

[Region Selection Introduced for Create AWS Connector V2 API](#)

[Region Selection Introduced for Update AWS Connector V2 API](#)

Region Selection Introduced for Create AWS Connector V3 API

API	/qps/rest/3.0/create/am/awsassetdataconnector
New or Updated APIs	Updated
Operator	POST
DTD or XSD Changes	No

We are adding a region selection parameter named `cspmRegions` to the create AWS connector API. This parameter helps you filter asset discovery of CSPM connectors to specified regions. You must set the `allRegions` parameter to false to provide values for `cspmRegions` parameter.

Sample: Create a New Connector

Create a connector for your AWS account that discovers assets of the regions Africa (Cape Town), Europe (Milan), US East (N. Virginia), and US West (Oregon).

API Request:

```
curl -u "USERNAME:PASSWORD" -H "Content-type: text/xml" -X "POST" -data-binary  
@- "<qualys_base_url>/qps/rest/3.0/create/am/awsassetdataconnector"
```

Request Data:

```
{  
  "ServiceRequest": {  
    "data": {  
      "AwsAssetDataConnector": {  
        "name": "API-Region-test",  
        "description": "Connector created through V3 API",  
        "isGovCloudConfigured": false,  
        "disabled": false,  
        "arn": "arn:aws:iam::xxxxxxxxxxxxx:role/QAtest",  
        "externalId": "pod-test-env",  
        "allRegions": false,  
        .  
        .  
        .  
        "endpoints": {  
          "set": {  
            "AwsEndpointSimple": [  
              {  
                "regionCode": "af-south-1"  
              },  
              {  
                "regionCode": "eu-south-1"  
              }  
            ]  
          }  
        }  
      }  
    }  
  }  
}
```

```
        {
            "regionCode": "us-east-1"
        },
        {
            "regionCode": "us-west-2"
        }
    ]
}
},
"cspmRegions": {
    "set": {
        "CspmRegionSimple": [
            {
                "regionCode": "af-south-1"
            },
            {
                "regionCode": "eu-south-1"
            },
            {
                "regionCode": "us-east-1"
            },
            {
                "regionCode": "us-west-2"
            }
        ]
    }
}
}
}
}
}
}
}
}
}
```

Response:

```
{
  "ServiceResponse": {
    "count": 1,
    "data": [
      {
        "AwsAssetDataConnector": {
          "authRecord": {},
          "cspmRegions": {
            "list": [
              {
                "CspmRegionSimple": {
                  "regionCode": "eu-south-1"
                }
              },
              {
                "CspmRegionSimple": {
```

```
        "regionCode": "us-west-2"
      }
    },
    {
      "CspmRegionSimple": {
        "regionCode": "af-south-1"
      }
    },
    {
      "CspmRegionSimple": {
        "regionCode": "us-east-1"
      }
    }
  ]
}
.
.
.
"awsAccountId": "xxxxxxxxxxxxx",
"endpoints": {
  "list": [
    {
      "AwsEndpointSimple": {
        "regionCode": "us-east-1"
      }
    },
    {
      "AwsEndpointSimple": {
        "regionCode": "af-south-1"
      }
    },
    {
      "AwsEndpointSimple": {
        "regionCode": "eu-south-1"
      }
    },
    {
      "AwsEndpointSimple": {
        "regionCode": "us-west-2"
      }
    }
  ]
}
}
},
"responseCode": "SUCCESS"
}
}
```

Region Selection Introduced for Update AWS Connector V3 API

API	/qps/rest/3.0/update/am/awsassetdataconnector/{connectorid}
New or Updated APIs	Updated
Operator	PUT
DTD or XSD Changes	No

We have added a region selection parameter named `cspmRegions` to the update AWS connector API. This parameter helps you filter asset discovery of CSPM connectors to specified regions. You must set the `allRegions` parameter to false to provide values for `cspmRegions` parameter.

Sample: Update AWS Connector

Update the configurations of an AWS connector to discover assets of the regions Africa (Cape Town), Europe (Milan), US East (N. Virginia), and US West (Oregon).

API request:

```
curl -u "USERNAME:PASSWORD" -H "Content-type: text/xml" -X "POST" -data-binary @- "<qualys_base_url>/qps/rest/3.0/update/am/awsassetdataconnector/XXXXX"
```

Request Data:

```
{
  "ServiceRequest": {
    "data": {
      "AwsAssetDataConnector": {
        "name": "API-Region-test",
        "description": "Connector created through V3 API",
        "disabled": false,
        "arn": "arn:aws:iam::xxxxxxxxxxxxx:role/QAtest",
        "externalId": "pod-test-env",
        "allRegions": false,
        .
        .
        .
        "endpoints": {
          "set": {
            "AwsEndpointSimple": [
              {
                "regionCode": "af-south-1"
              },
              {
                "regionCode": "eu-south-1"
              }
            ]
          }
        }
      }
    }
  }
}
```

```
        {
            "regionCode": "us-east-1"
        },
        {
            "regionCode": "us-west-2"
        }
    ]
}
},
"cspmRegions": {
    "set": {
        "CspmRegionSimple": [
            {
                "regionCode": "af-south-1"
            },
            {
                "regionCode": "eu-south-1"
            },
            {
                "regionCode": "us-east-1"
            },
            {
                "regionCode": "us-west-2"
            }
        ]
    }
}
}
}
}
}
}
}
}
}
}
}
```

Response:

```
{
  "ServiceResponse": {
    "count": 1,
    "data": [
      {
        "AwsAssetDataConnector": {
          "authRecord": {},
          "cspmRegions": {
            "list": [
              {
                "CspmRegionSimple": {
                  "regionCode": "eu-south-1"
                }
              },
              {
                "CspmRegionSimple": {
```

```
        "regionCode": "us-west-2"
      }
    },
    {
      "CspmRegionSimple": {
        "regionCode": "af-south-1"
      }
    },
    {
      "CspmRegionSimple": {
        "regionCode": "us-east-1"
      }
    }
  ]
},
.
.
.
"awsAccountId": "xxxxxxxxxxxxx",
  "endpoints": {
    "list": [
      {
        "AwsEndpointSimple": {
          "regionCode": "us-east-1"
        }
      },
      {
        "AwsEndpointSimple": {
          "regionCode": "af-south-1"
        }
      },
      {
        "AwsEndpointSimple": {
          "regionCode": "eu-south-1"
        }
      },
      {
        "AwsEndpointSimple": {
          "regionCode": "us-west-2"
        }
      }
    ]
  }
}
}
},
"responseCode": "SUCCESS"
}
}
```


Region Selection Introduced for Create AWS Connector V2 API

API	/qps/rest/2.0/create/am/awsassetdataconnector
New or Updated APIs	Updated
Operator	POST
DTD or XSD Changes	Yes

We are adding a region selection parameter named `cspmRegions` to the create AWS connector V2 API. This parameter helps you filter asset discovery of CSPM connectors to specified regions. You must set the `allRegions` parameter to false to provide values for `cspmRegions` parameter.

Note: We strongly recommend upgrading to V3 APIs but we have also updated V2 APIs to maintain backward compatibility.

Sample: Create a New Connector

Create a connector for your AWS account to discover assets of the regions US East (N. Virginia), and US West (Oregon).

API Request :

```
curl -u "USERNAME:PASSWORD" -H "Content-type: text/xml" -X "POST" -data-binary @- "<qualys_base_url>/qps/rest/2.0/create/am/awsassetdataconnector"
```

Request Data:

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceRequest>
  <data>
    <AwsAssetDataConnector>
      <name>aws-v2-api</name>
      <arn>arn:aws:iam::00000:role/test</arn>
      <externalId>pod-xxxxxxx-xxxxxxxxxxxxxxxx</externalId>
      <allRegions>>false</allRegions>
      .
      .
      .
    <endpoints>
      <set>
        <AwsEndpointSimple>
          <regionCode>us-east-1</regionCode>
        </AwsEndpointSimple>
        <AwsEndpointSimple>
          <regionCode>us-west-2</regionCode>
        </AwsEndpointSimple>
      </set>
    </endpoints>
  </data>
</ServiceRequest>
```

```

</endpoints>
<cspmRegions>
  <set>
    <CspmRegionSimple>
      <regionCode>us-east-1</regionCode>
    </CspmRegionSimple>
    <CspmRegionSimple>
      <regionCode>us-west-2</regionCode>
    </CspmRegionSimple>
  </set>
</cspmRegions>
</AwsAssetDataConnector>
</data>
</ServiceRequest>

```

Response:

```

<?xml version="1.0" encoding="UTF-8"?>
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="<qualys_base_url>/qps/xsd/2.0/am/aws_asset_
data_connector.xsd">
  <responseCode>SUCCESS</responseCode>
  <count>1</count>
  <data>
    <AwsAssetDataConnector>
      <id>2064449</id>
      <name>aws-v2-api</name>
      <awsAccountId>00000</awsAccountId>
      <connectorState>QUEUED</connectorState>
      .
      .
    </endpoints>
    <set>
      <AwsEndpointSimple>
        <regionCode>us-east-1</regionCode>
      </AwsEndpointSimple>
      <AwsEndpointSimple>
        <regionCode>us-west-2</regionCode>
      </AwsEndpointSimple>
    </set>
  </endpoints>
  <allRegions>false</allRegions>
  <cspmRegions>
    <set>
      <CspmRegionSimple>
        <regionCode>us-west-2</regionCode>
      </CspmRegionSimple>
      <CspmRegionSimple>
        <regionCode>us-east-1</regionCode>
      </CspmRegionSimple>
    </set>
  </cspmRegions>

```

```
        </CspmRegionSimple>  
      </set>  
    </cspmRegions>  
  </AwsAssetDataConnector>  
</data>  
</ServiceResponse>
```

Region Selection Introduced for Update AWS Connector V2 API

API	/qps/rest/3.0/update/am/awsassetdataconnector/{connectorid}
New or Updated APIs	Updated
Operator	PUT
DTD or XSD Changes	Yes

We are adding a region selection parameter named `cspmRegions` to the update AWS connector V2 API. This parameter helps you filter asset discovery of CSPM connectors to specified regions. You must set the `allRegions` parameter to `false` to provide values for `cspmRegions` parameter.

Note: We strongly recommend upgrading to V3 APIs but we have also updated V2 APIs to maintain backward compatibility.

Sample: Update AWS Connector

Update the configurations of an AWS connector to discover assets of the regions US East (N. Virginia), and US West (Oregon).

API request:

```
curl -u "USERNAME:PASSWORD" -H "Content-type: text/xml" -X "POST" -data-binary @-
"<qualys_base_url>/qps/rest/2.0/update/am/awsassetdataconnector/XXXXXX"
```

Request Data:

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceRequest>
  <data>
    <AwsAssetDataConnector>
      <name>aws-v2-api</name>
      <arn>arn:aws:iam::00000:role/test</arn>
      <externalId>pod-xxxxxxx-xxxxxxxxxxxxxxxx</externalId>
      <allRegions>>false</allRegions>
      .
      .
      .
    <endpoints>
      <set>
        <AwsEndpointSimple>
          <regionCode>us-east-1</regionCode>
        </AwsEndpointSimple>
        <AwsEndpointSimple>
          <regionCode>us-west-2</regionCode>
        </AwsEndpointSimple>
      </set>
    </endpoints>
  </data>
</ServiceRequest>
```

```
        </AwsEndpointSimple>
    </set>
</endpoints>
<cspmRegions>
    <set>
        <CspmRegionSimple>
            <regionCode>us-east-1</regionCode>
        </CspmRegionSimple>
        <CspmRegionSimple>
            <regionCode>us-west-2</regionCode>
        </CspmRegionSimple>
    </set>
</cspmRegions>
</AwsAssetDataConnector>
</data>
</ServiceRequest>
```

Response:

```
<?xml version="1.0" encoding="UTF-8"?>
<ServiceResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="<qualys_base_url>/qps/xsd/2.0/am/aws_asset_
data_connector.xsd">
    <responseCode>SUCCESS</responseCode>
    <count>1</count>
    <data>
        <AwsAssetDataConnector>
            <id>2064449</id>
            <name>aws-v2-api</name>
            <awsAccountId>00000</awsAccountId>
            <externalId>pod-xxxxxxx-xxxxxxxxxxxxxx</externalId>
            .
            .
            .
        <endpoints>
            <set>
                <AwsEndpointSimple>
                    <regionCode>us-east-1</regionCode>
                </AwsEndpointSimple>
                <AwsEndpointSimple>
                    <regionCode>us-west-2</regionCode>
                </AwsEndpointSimple>
            </set>
        </endpoints>
        <allRegions>false</allRegions>
        <cspmRegions>
            <set>
                <CspmRegionSimple>
                    <regionCode>us-west-2</regionCode>
                </CspmRegionSimple>
```

```
        <CspmRegionSimple>
          <regionCode>us-east-1</regionCode>
        </CspmRegionSimple>
      </set>
    </cspmRegions>
  </AwsAssetDataConnector>
</data>
</ServiceResponse>
```

Supported Regions for AV and CSPM Connectors

The list below shows the available region codes you can use as values for the `cspmRegion` parameter.

Global Region

Region codes for supported global regions.

AWS Region Name	Code
Africa (Cape Town)	af-south-1
Europe (Milan)	eu-south-1
EU (Paris)	eu-west-3
Asia Pacific (Osaka-Local)	ap-northeast-3
Asia Pacific (Hong Kong)	ap-east-1
EU (Stockholm)	eu-north-1
Asia Pacific (Sydney)	ap-southeast-2
US East (N. Virginia)	us-east-1
US West (Oregon)	us-west-2
US West (Northern California)	us-west-1u
EU (Ireland)	eu-west-1
Asia Pacific (Singapore)	ap-southeast-1
Asia Pacific (Tokyo)	ap-northeast-1
South America (Sao Paulo)	sa-east-1
EU (Frankfurt)	eu-central-1
US East (Ohio)	us-east-2
Asia Pacific (Mumbai)	ap-south-1
Asia Pacific (Seoul)	ap-northeast-2
EU (London)	eu-west-2
Canada (Central)	ca-central-1
Middle East (Bahrain)	me-south-1
Asia Pacific (Jakarta)	ap-southeast-3

China Region

Region codes for supported China regions.

AWS Region Name	Code
AWS China (Beijing)	cn-north-1
AWS China (Ningxia)	cn-northwest-1

US Gov Region

Region codes for supported US Gov regions.

AWS Region Name	Code
AWS GovCloud (US-West)	us-gov-west-1
AWS GovCloud (US-East)	us-gov-east-1