



Qualys Connector v2.x

API Release Notes

Version 2.0

November 20, 2023

The new version of Qualys Connector App introduces API changes for Azure 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 Zero-touch Perimeter Scan for Azure Organization 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 Zero-touch Perimeter Scan for Azure Organization Connector APIs

We have introduced parameters to the Azure organization connector APIs for launching perimeter scans during connector runs. Cloud perimeter scans use Qualys External Scanners (Internet Remote Scanners), located at the Qualys Cloud Platform to identify public-facing assets. This helps you secure publicly exposed Azure assets by enabling cloud perimeter scans for your connectors.

You can automate asset discovery of connectors with the cloud perimeter scan activated. This ensures all publicly-exposed assets have perimeter scans performed, based on configurations provided at Connector creation.

Input Parameter

Parameters	New/Updated	Description
isCPSEnabled	New	Set this flag to enable or disable cloud perimeter scan for the AWS connector. (Note: If isCPSEnabled flag is enabled, you need to provide the following parameters for the Cloud Perimeter Scan).
connectorScanSetting	New	Tag to include cloud perimeter scan settings.
optionProfileId	New	Specify the Option Profile Id. This Id is unique for every user. You can fetch the option profile Id using the List VM Option Profile API (/api/2.0/fo/subscription/option_profile/vm/?action=list). For more information on the how to fetch the option profile Id, refer to Qualys API (VM, PC) User Guide .
daysOfWeek	New	Specify the days when the scan should be scheduled. For example, SUN, MON, TUE, WED, THU, FRI, SAT. Note: This field is applicable only if the recurrence field is set to WEEKLY.
scanPrefix	New	Specify a prefix to be appended to the scan name. Once the cloud perimeter scan is triggered from the Vulnerability Management application, the prefix is appended to the scan name. The scan name is in following format: <prefix>-<connectorId>-<timestamp>

startDate	New	Specify the start date of scan in mm/dd/yyyy format.
startTime	New	Specify the start time of scan in HH:MM (24 hrs) format.
timezone	New	Specify the time zone for the cloud perimeter scan to be initiated.
recurrence	New	Specify if the scan should be scheduled on DAILY or WEEKLY basis.

List of impacted APIs:

[Create Azure Organization Connector API](#)

[Update Azure Organization Connector API](#)

Create Azure Organization Connector API

API	/connectors/v1.0/org/azure/
New or Updated APIs	Updated
Operator	POST

We are adding parameters to enable and configure Cloud Perimeter Scan (CPS) while creating a new connector.

Sample: Create a New Connector with CPS Enabled

Create a connector for your Azure organization with CPS enabled.

API Request:

```
curl --location
"https://<qualys_base_url>/connectors/v1.0/org/azure/"
--header 'Authorization: Bearer xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx' \
--header 'Content-Type: application/json' \
```

Request Data:

```
{
  "applicationId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
  "secretValue": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
  "autoActivateCV": false,
  "autoActivateCertView": false,
  "autoActivatePC": false,
  "autoActivateSCA": false,
  "autoActivateVM": true,
  "connectorAppInfos": [
    {
      "identifier": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
      "name": "AI",
      "tagId": null
    }, {
      "identifier": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
      "name": "CI",
      "tagId": null
    }, {
      "identifier": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
      "name": "CSA",
      "tagId": null
    }
  ],
  "connectorPrefixName": "CPS Name",
  "connectorRunFrequency": {
```

```
        "hours": 1,
        "minutes": 0
    },
    "defaultTagIds": [],
    "description": "Testing Org",
    "excludedMem": [],
    "includedMem": [
        "QAtesting4"
    ],
    "isAssignStaticTagToAssetsPulledByThatConnector": false,
    "isAssignStaticTagToConnector": false,
    "isCreateConnectorForNewSubscriptionsAutomatically": true,
    "isCreateStaticTagsForManagementGroups": false,
    "isDisableConnectorsForDeletedManagementGroups": true,
    "isRemediationEnabled": true,
    "name": "AAAAAAAAAADELeeeeeeeEEEEETE API Test 1 ",
    "orgRunFrequency": {
        "hours": 1,
        "minutes": 0
    },
    "tenantId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",
    "tenantName": "Tenant name",
    "isCPSEnabled": true,
    "connectorScanSetting": {
        "isCustomScanConfigEnabled": true
    },
    "connectorScanConfig": {
        "scanPrefix": "custom-scan",
        "optionProfileId": "Initial Options",
        "recurrence": "DAILY",
        "startDate": "10/05/2023",
        "startTime": "12:00",
        "timezone": "Asia/Colombo",
        "daysOfWeek": []
    }
}
```

Response:

```
{
  "id": 186015,
  "name": "AAAAAAAAAADELeeeeeeeEEEEETE API Test 1 ",
  "description": "Testing Org",
  "uuid": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",
  "orgRunFrequency": {
    "hours": 1,
    "minutes": 0
  },
  "connectorRunFrequency": {
```

```
    "hours": 1,
    "minutes": 0
  },
  "lastSynced": "2023-11-10T07:44:43.946+00:00",
  "nextSync": "2023-11-10T08:44:43.946+00:00",
  "type": "AZURE",
  "customerId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
  "userUuid": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
  "userName": "abcdexng2",
  "lastError": null,
  "state": "PENDING",
  "connectorPrefixName": "CPS Name",
  "defaultTagIds": [],
  "connectorAppInfos": [
    {
      "name": "AI",
      "identifier": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
      "tagId": null,
      "isTagAttachedToOrgConnector": null,
      "tagMetadata": null
    },
    {
      "name": "CI",
      "identifier": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
      "tagId": null,
      "isTagAttachedToOrgConnector": null,
      "tagMetadata": null
    },
    {
      "name": "CSA",
      "identifier": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
      "tagId": null,
      "isTagAttachedToOrgConnector": null,
      "tagMetadata": null
    }
  ],
  "connectorCapabilities": [
    "AI",
    "CI",
    "CSA"
  ],
  "lastSuccessfulSync": "2023-11-10T07:44:43.946+00:00",
  "createdBy": "Test User",
  "organizationId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
  "isCPSEnabled": true,
  "isSnapshotScanEnabled": false,
  "tenantId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
  "applicationId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
  "autoActivateVM": true,
```

```
"autoActivatePC": false,
"autoActivateSCA": false,
"autoActivateCertView": false,
"autoActivateCV": false,
"includedMem": [
    "QAtesting4"
],
"excludedMem": [],
"connectorScanSetting": {
    "isAutoScanEnabled": false,
    "isCustomScanConfigEnabled": true
},
"connectorScanConfig": {
    "scanPrefix": "custom-scan",
    "type": "CUSTOM",
    "optionProfileId": Initial Options,
    "recurrence": "DAILY",
    "startDate": "10/05/2023",
    "startTime": "12:00",
    "timezone": "Asia/Colombo"
},
"createConnectorForNewSubscriptionsAutomatically": true,
"disableConnectorsForDeletedManagementGroups": true,
"disabled": false,
"deleted": false,
"remediationEnabled": true
}
```

Update Azure Organization Connector API

API	/connectors/v1.0/org/azure/{organizationConnectorId}/
New or Updated APIs	Updated
Operator	PUT

We are adding parameters to enable and configure Cloud Perimeter Scan (CPS) while updating an existing connector.

Sample: Update an Existing Connector with CPS Enabled

Update a connector for your Azure organization with CPS enabled.

API request:

```
curl --location 'https://<qualys_base_url>
/connectors/v1.0/org/azure/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx \
--header 'Authorization: Bearer xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx' \
--header 'Content-Type: application/json'
```

Request Data:

```
{
  "applicationId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",
  "secretValue": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",
  "autoActivateCV": false,
  "autoActivateCertView": false,
  "autoActivatePC": false,
  "autoActivateSCA": false,
  "autoActivateVM": true,
  "connectorAppInfos": [
    {
      "identifier": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",
      "name": "AI",
      "tagId": null
    }, {
      "identifier": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",
      "name": "CI",
      "tagId": null
    }, {
      "identifier": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",
      "name": "CSA",
      "tagId": null
    }
  ],
  "connectorPrefixName": "CPS Name",
```

```
"connectorRunFrequency": {
  "hours": 1,
  "minutes": 0
},
"defaultTagIds": [],
"description": "Testing Org",
"excludedMem": [],
"includedMem": [
  "QAtesting4"
],
"isAssignStaticTagToAssetsPulledByThatConnector": false,
"isAssignStaticTagToConnector": false,
"isCreateConnectorForNewSubscriptionsAutomatically": true,
"isCreateStaticTagsForManagementGroups": false,
"isDisableConnectorsForDeletedManagementGroups": true,
"isRemediationEnabled": true,
"name": "AAAAAAAAAADELeeeeeeeEEEEETE API Test 1 ",
"orgRunFrequency": {
  "hours": 1,
  "minutes": 0
},
"tenantId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",
"tenantName": "Tenant name",
"isCPSEnabled": true,
"connectorScanSetting": {
  "isCustomScanConfigEnabled": true
},
"connectorScanConfig": {
  "scanPrefix": "custom-scan",
  "optionProfileId": Initial Options,
  "recurrence": "DAILY",
  "startDate": "10/05/2023",
  "startTime": "12:00",
  "timezone": "Asia/Colombo",
  "daysOfWeek": []
}
}
```

Response:

```
{
  "id": 186015,
  "name": "AAAAAAAAAADELeeeeeeeEEEEETE API Test 1 ",
  "description": "Testing Org",
  "uuid": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",
  "orgRunFrequency": {
    "hours": 1,
    "minutes": 0
  },
  "connectorRunFrequency": {
    "hours": 1,
    "minutes": 0
  },
  "lastSynced": "2023-11-10T07:44:43.946+00:00",
  "nextSync": "2023-11-10T08:44:43.946+00:00",
  "type": "AZURE",
  "customerId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",
  "userUuid": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",
  "userName": "abcdexng2",
  "lastError": null,
  "state": "PENDING",
  "connectorPrefixName": "CPS Name",
  "defaultTagIds": [],
  "connectorAppInfos": [
    {
      "name": "AI",
      "identifier": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",
      "tagId": null,
      "isTagAttachedToOrgConnector": null,
      "tagMetadata": null
    },
    {
      "name": "CI",
      "identifier": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",
      "tagId": null,
      "isTagAttachedToOrgConnector": null,
      "tagMetadata": null
    },
    {
      "name": "CSA",
      "identifier": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",
      "tagId": null,
      "isTagAttachedToOrgConnector": null,
      "tagMetadata": null
    }
  ],
  "connectorCapabilities": [
```

```
        "AI",
        "CI",
        "CSA"
    ],
    "lastSuccessfulSync": "2023-11-10T07:44:43.946+00:00",
    "createdBy": "TestUser",
    "organizationId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",
    "isCPSEnabled": true,
    "isSnapshotScanEnabled": false,
    "tenantId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",
    "applicationId": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx",
    "autoActivateVM": true,
    "autoActivatePC": false,
    "autoActivateSCA": false,
    "autoActivateCertView": false,
    "autoActivateCV": false,
    "includedMem": [
        "QAtesting4"
    ],
    "excludedMem": [],
    "connectorScanSetting": {
        "isAutoScanEnabled": false,
        "isCustomScanConfigEnabled": true
    },
    "connectorScanConfig": {
        "scanPrefix": "custom-scan",
        "type": "CUSTOM",
        "optionProfileId": Initial Options,
        "recurrence": "DAILY",
        "startDate": "10/05/2023",
        "startTime": "12:00",
        "timezone": "Asia/Colombo"
    },
    "createConnectorForNewSubscriptionsAutomatically": true,
    "disableConnectorsForDeletedManagementGroups": true,
    "disabled": false,
    "deleted": false,
    "remediationEnabled": true
}
```