



Qualys Container Security

API Release Notes

Version 1.22

February 20, 2023

Qualys Cloud Suite API gives you many ways to integrate your programs and API calls with Qualys capabilities. 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

[APIs for Deleting AWS ECR and ACR Registry Connectors](#)

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Qualys API 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](#)

APIs for Deleting AWS ECR and ACR Registry Connectors

We have now introduced new APIs to delete the connectors for Azure Container Registry (ACR) and Amazon Elastic Container Registry (ECR).

- [Delete ACR Connector](#)
- [Delete AWS ECR Connector](#)

Delete ACR Connector

API affected	/csapi/v1.3/registry/acr/connector
Operator	DELETE
New or Updated APIs	New

We have introduced a new API to delete an ACR connector if it is not associated with any registry.

If the connector is associated with a registry, the connector is not deleted and the API returns the following response code: 412 PRECONDITION FAILED.

Input Parameters

Field Name	Mandatory	Data Type	Description
connectorId	Yes	string	Specify the connector UUID.

Sample

Delete an ACR connector:

API Request:

```
curl -X 'DELETE'
      '<qualys_base_url>/csapi/v1.3/registry/acr/connector'
      -H 'accept: application/json'
      -H 'Authorization: Bearer <token>'
      -H 'Content-Type: application/json'
```

Request Body

```
{
  "connectorId": "f3c6d648-81d8-11ed-a1eb-0242ac120003"
}
```

Response:

```
200
```

Delete AWS ECR Connector

Deletes an AWS ECR connector if it not associated with any registry.

API affected	/csapi/v1.3/registry/aws/connector
Operator	DELETE
New or Updated APIs	New

We have introduced a new API to delete an AWS ECR connector if it is not associated with any registry.

If the connector is associated with a registry, the connector is not deleted and the API returns the following response code: 412 PRECONDITION FAILED.

Input Parameters

Field Name	Mandatory	Data Type	Description
arn	Yes	string	Specify the ARN of the AWS connector.

Sample

Delete an AWS ECR connector:

API Request:

```
curl -X 'DELETE'
      '<qualys_base_url>/csapi/v1.3/registry/aws/connector'
      -H 'accept: application/json'
      -H 'Authorization: Bearer <token>'
      -H 'Content-Type: application/json'
```

Request Body

```
{
  "arn": "arn:aws:iam::362990800442:role/test_UID1",
}
```

Response:

Response code 200

Automatic Registry Scan Schedules: New Option to Specify Week Day

While creating an automatic registry scan schedule, you can now specify a day on which the scan is triggered every week.

We have updated the following APIs:

- [Fetch a List of Schedules Created for a Registry](#)
- [Create a Registry Schedule](#)
- [Update a Registry Schedule](#)

Fetch a List of Schedules Created for a Registry

API affected	/csapi/v1.3/registry/{registryId}/schedule
Operator	GET
New or Updated APIs	Updated

New Field in the Response

For an automatic registry scan schedule, the following field is added to the response:

Field Name	Data Type	Description
weekDay	string	<p>For an automatic registry scan schedule, specifies a day on which the scan is triggered every week.</p> <p>The value is the name of a day. For example, MONDAY, TUESDAY, or WEDNESDAY.</p> <p>This field is valid only when the "scheduleIntervalInDays" parameter has a value of 7.</p>

Sample

List schedules created for a registry:

API Request:

```
curl -X "GET"  
"<qualys_base_url>/csapi/v1.3/registry/ef91aff4-5679-4c0d-9fc0-  
523ca7f218f4/schedule?pageNumber=1&pageSize=50"  
-H "accept: application/json"  
-H "Authorization: Bearer <token>"
```

Response:

```
{  
  "data": [  
    {  
      "scheduleUuid": "633e7b79-c43d-4bb2-bd07-c8a06edc8a4c",  
      "onDemand": false,  
      "created": "1674040668619",  
      "updated": "1674040958610",  
      "jobStartDate": "1674040958610",
```

```
"jobCompletionDate": "1674041047101",
"name": null,
"errors": null,
"schedule": "11:19",
"filters": [
  {
    "repoTags": [
      {
        "repo": "qualysdockerhub/tamilnadu_shubham",
        "tag": null
      }
    ],
    "days": 0
  }
],
"additionalFilters": {
  "numberOfTags": 5,
  "sortCriteria": "createdDate"
},
"status": "Finished",
"jobListingStartDate": "1674040958610",
"jobListingCompletionDate": null,
"jobScanningStartDate": "1674040965940",
"jobScanningCompletionDate": "1674041047101",
"forceScan": true,
"scheduleIntervalInDays": 7,
"weekDay": "WEDNESDAY"
}
],
"count": 1
}
```

Create or Update a Registry Schedule

API affected	POST /csapi/v1.3/registry/{registryId}/schedule PUT /csapi/v1.3/registry/{registryId}/schedule/{scheduleId}
Operator	POST, PUT
New or Updated APIs	Updated

New Input Parameter

For an automatic registry scan schedule, the following parameter is added to the request body:

Parameter	Mandatory	Data Type	Description
weekDay	Yes (for weekly automatic scan schedules)	string	<p>For an automatic registry scan schedule, specify a day on which the scan is triggered every week.</p> <p>The value is the name of a day. For example, MONDAY, TUESDAY, or WEDNESDAY.</p> <p>This field is valid only when the "scheduleIntervalInDays" parameter has a value of 7.</p>

Sample

Create an automatic registry scan schedule to perform scanning on every Thursday:

API Request:

```
curl -X POST
"<qualys_base_url>/csapi/v1.3/registry/fd05c5d5-7583-4e47-b538-
c8b414bd9c86/schedule"
-H "accept: application/json"
-H "Authorization: Bearer <token>"
-H "Content-Type: application/json"
```

Request Body:

```
{
  "filters": [
    {
      "days": null,
      "repoTags": [
```



```
        {
            "repo": "azuretest",
            "tag": null
        }
    ]
}
],
"name": "Automatic Scan Schedule",
"onDemand": false,
"schedule": "09:30",
"forceScan": true,
"registryType": "Azure",
"scheduleIntervalInDays": 7,
"additionalFilters": {
    "numberOfTags": 5,
    "sortCriteria": "createdDate"
}
"weekDay": "THURSDAY"
}
```

Response:

```
{
  "profileUuid": "6963d471-7598-4d4d-b95c-e540c75745b2"
}
```

Role-based Access to Sensor Profiles

With this release, Manager users can now control access to Container Security sensor profiles. The users working on sensor profiles should get the sensor profile permissions configured for their roles.

If your role does not have permissions to create, delete, update, or view sensor profiles, the corresponding APIs return the following response:

API	URL	Response
All "GET" APIs.	For example, GET /sensorProfile	{ "errorCode": "403 FORBIDDEN", "message": "The user does not have the CS.SENSOR_PROFILE.VIEW permission to perform this operation. Ensure that required permissions are assigned to the user", "timestamp": 1675678279909 }
Delete sensor profile from your account.	DELETE /sensorProfile/{sensorProfileId}	{ "errorCode": "403 FORBIDDEN", "message": "The quays_xb42 user does not have the CS.SENSOR_PROFILE.DELETE permission to perform this operation. Ensure that required permissions are assigned to the user", "timestamp": 1675678460616 }
Update existing sensor profile in your account.	PUT /sensorProfile/{sensorProfileId}	{ "errorCode": "403 FORBIDDEN", "message": "The quays_xb42 user does not have the CS.SENSOR_PROFILE.UPDATE permission to perform this operation. Ensure that required permissions are assigned to the user", "timestamp": 1675678516924 }
Create a new sensor profile.	POST /sensorProfile	{ "errorCode": "403 FORBIDDEN", "message": "The quays_xb42 user does not have the CS.SENSOR_PROFILE.CREATE permission to perform this operation. Ensure that required permissions are assigned to the user", "timestamp": 1675678553382 }