



# Qualys Container Security v1.x

## API Release Notes

Version 1.18

August 15, 2022

Qualys Container Security API gives you many ways to integrate your programs and API calls with Qualys capabilities.

### What's New

[Support for AWS Fargate \(ECS\) Image Scanning](#)

### Qualys API URL

Container Security supports both API server URLs and API gateway URLs for API requests.

The Qualys API server or gateway 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 URL for Qualys US Platform 2 (<https://gateway.qg2.apps.qualys.com>) in sample API requests. If you're on another platform, please replace this URL with the appropriate server URL for your account.

## Support for AWS Fargate (ECS) Image Scanning

Qualys Container Security can now be used to secure AWS Fargate. AWS Fargate is a serverless compute engine for containers that works with Amazon Elastic Container Service (ECS). This feature allows you to know the containers running on AWS Fargate, perform vulnerability and compliance scanning on container images launched by Amazon Fargate tasks (ECS), and view the findings to take remediation actions.

### API Updates

We updated the response for the following APIs to support this feature.

[Fetch image details](#) - The response was updated to include a “source” value of “SERVERLESS\_FARGATE”.

[Fetch container details](#) - The response was updated to include a “source” value of “SERVERLESS\_FARGATE” and AWS ECS cloudProvider fields with AWS Fargate information, including the AWS ECS container subnet ID, cluster name, region code, and more.

[Fetch a list of sensors in your account](#) - The response was updated to include the new sensor type “SERVERLESS\_FARGATE”.

[Fetch sensor details](#) - The response was updated to include the new sensor type “SERVERLESS\_FARGATE”.

See API samples in the sections that follow.

### Fetch image details

/v1.3/images/{imageSha}

[GET]

API request:

```
curl -X GET
'https://gateway.qg2.apps.qualys.com/csapi/v1.3/images/85669404084756ad51
914d98c460b5b83f45848b2ec9567f08b262170db264e4' --header 'Authorization:
Bearer <token>'
```

Response:

```
{
  "created": "1633506189000",
  "updated": "1659422877918",
  "author": "",
  "repo": [
    {
      "registry": "362990800442.dkr.ecr.ca-central-1.amazonaws.com",
```

```
        "tag": "jboss1.18",
        "repository": "cs-sensor"
    }
],
"repoDigests": [
    {
        "registry": "362990800442.dkr.ecr.ca-central-1.amazonaws.com",
        "digest":
"0d4bdc5749b80631a069957de99b0fa20201e38380ce90cc68786894231e429d",
        "repository": "cs-sensor"
    }
],
...

"hostArchitecture": [
    "x86_64"
],
"architecture": "amd64",
"imageId": "856694040847",
"lastScanned": "1659422877918",
"registryUuid": null,
"source": [
    "SERVERLESS_FARGATE"
],
"totalVulCount": "42",
"users": [
    "root"
],
...

```

## Fetch container details

/v1.3/containers/{containerSha}

[GET]

API request:

```
curl -X GET
'https://gateway.qg2.apps.qualys.com/csapi/v1.3/containers/5079803f66a6a0
0fd55287cd77c7607410fd5165f313c4a54498cd5837c2d5ac' --header
'Authorization: Bearer <token>'
```

Response:

```
{
  "portMapping": null,
  "imageId": "ebd01beff0e7",

```

```
"created": "1660256877142",
"updated": "1660257084484",
"label": null,
"uuid": "21662534-e505-313d-94a6-2a3b3992a036",
"sha":
"5079803f66a6a00fd55287cd77c7607410fd5165f313c4a54498cd5837c2d5ac",
"privileged": false,
"path": null,
"imageSha":
"ebd01beff0e701dc070895cc46ade1052bfec831e61bd80bc9ab380f81f9bd85",
"macAddress": null,
"customerUuid": "d6a209da-dbb4-6498-8048-deddd2f60b406",
"ipv4": null,
"ipv6": null,
"name": "testnoshell",
"host": null,
"hostArchitecture": null,
"state": "RUNNING",
"imageUuid": "3c1e4763-3bc6-372d-98f9-2c0d6b58cae8",
"containerId": "5079803f66a6",
"stateChanged": "1660256887633",
"services": null,
"users": null,
"operatingSystem": null,
"lastScanned": null,
"source": "SERVERLESS_FARGATE",
"isInstrumented": null,
"environment": null,
"arguments": null,
"command": null,
"drift": null,
"vulnerabilities": [],
"softwares": null,
"isDrift": false,
"isRoot": null,
"lastComplianceScanned": "null",
"cluster": null,
"cloudProvider": {
  "aws.ecs.container.subnetId": "subnet-01fbf23a45b6cc789",
  "aws.ecs.clusterName": "my-cluster",
  "aws.ecs.container.macAddress": "02:bf:3e:45:67:8e",
  "aws.ecs.region.code": "ca-central-1",
  "aws.ecs.container.id": "03ddea45-6e78-90b1-23bb-ec45c67e89ea",
  "aws.ecs.accountId": "123456789012"
}
}
```



```
        "key": "Base_image_name",
        "value": "sample.qualys.com:5006/secure/oraclelinux:7"
    }
],
"privileged": "false",
"macAddress": "02:34:56:ec:c7:b8",
"vulnSigVersion": null,
"hostUuid": null,
"configurationProfile": null,
"status": "Unknown",
"registry": "docker.io",
"sha":
"f314b7c59910358cb0568941b4d9b3f623e948b067cec92f3ad525fab2ff7b8e",
"sensorId": "f314b7c59910",
"name": "qualys-container-sensor",
"created": "1660069377000",
"imageId": "d0664d993928",
"imageSha":
"d0664d993928320aacf252f16c90406c2ece15e8d098622be388706b3c021b40",
"binaryVersion": null,
"containerIpv4": null,
"containerIpv6": null,
"containerMacAddress": "",
"sensorType": "SERVERLESS_FARGATE",
"containerRuntime": "DOCKER",
"containerRuntimeVersion": "20.10.15",
"architecture": "x86_64"
},
...
```

## Fetch sensor details

/v1.3/sensors/{sensorId}

[GET]

### API request:

```
curl -X GET
'https://gateway.qg2.apps.qualys.com/csapi/v1.3/sensors/cefb93819ac7' --
header 'Authorization: Bearer <token>'
```

### Response:

```
{
  "uuid": "c8af94c9-8c64-4070-8f24-ff1a9582e309",
  "activationUuid": "2e2cd740-5553-4446-867b-214f94ab2326",
  "hostname": "ip-10-11-12-13.ca-central-1.compute.internal",
  "customerUuid": "ca39aa9b-774a-4e40-811a-fe54a8fc7568",
  "dockerVersion": "20.10.15",
  "ipv4": "10.11.12.13",
  "os": "Ubuntu 20.04.4 LTS (containerized)",
  "ipv6": "",
  "sensorVersion": "1.18.0-0",
  "platform": "LINUX_SENSOR",
  "lastCheckedIn": "1660066474647",
  "label": [
    {
      "key": "VersionInfo",
      "value": "Qualys Sensor Version 1.18.0-0"
    },
    {
      "key": "image-source",
      "value": "Docker Hub"
    },
    {
      "key": "name",
      "value": "Qualys Sensor Image"
    },
    {
      "key": "build-date",
      "value": "Mon Aug  1 07:02:19 UTC 2022"
    },
    {
      "key": "vendor",
      "value": "Qualys, Inc"
    },
    {
      "key": "Base_image_name",
      "value": "sample.qualys.com:5006/secure/oraclelinux:7"
    }
  ]
}
```

```
    }  
  ],  
  "privileged": "false",  
  "macAddress": "02:34:a5:67:c8:a9",  
  "vulnSigVersion": null,  
  "hostUuid": null,  
  "configurationProfile": null,  
  "status": "Unknown",  
  "registry": "docker.io",  
  "sha":  
"cefb93819ac784af9bb59732e13629311b74a71200811324bbd5cba3a32a619c",  
  "sensorId": "cefb93819ac7",  
  "name": "qualys-container-sensor",  
  "created": "1660066462000",  
  "imageId": "d0664d993928",  
  "imageSha":  
"d0664d993928320aacf252f16c90406c2ece15e8d098622be388706b3c021b40",  
  "binaryVersion": null,  
  "containerIpv4": null,  
  "containerIpv6": null,  
  "containerMacAddress": "",  
  "sensorType": "SERVERLESS_FARGATE",  
  "containerRuntime": "DOCKER",  
  "containerRuntimeVersion": "20.10.15",  
  "architecture": "x86_64",  
  "cluster": null  
}
```