



# Qualys Patch Management v2.5

## API Release Notes

Version 2.5

October 03, 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

[System Reboot Pre-action for Windows Deployment Job](#)

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### 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](#)

In some of the API Release Notes, the API gateway URL for Qualys US Platform 1 (<https://gateway.qg1.apps.qualys.com>) is used in sample API requests.

For this API Release Notes, instead of providing any platform-specific URL, `<qualys_base_url>` is mentioned in the sample API requests.

If you are on another platform, replace this URL with the appropriate gateway URL for your account.

## System Reboot Pre-action for Windows Deployment Job

|                    |                      |
|--------------------|----------------------|
| API affected       | /pm/v1/deploymentjob |
| Status             | Updated              |
| Operator           | POST                 |
| DTD or XSD changes | Not applicable       |

With this release, you can now add a "System Reboot" pre-action at the time of Windows deployment job creation to reboot the system with the help of a job.

### Sample - Add System Reboot Pre-action to Windows Deployment Job

#### API Request (JSON format):

```
curl -X 'POST' \
  '<qualys_base_url>/pm/v1/deploymentjob' \
  -H 'accept: application/json' \
  -d '{
    "approvedPatches": [],
    "dynamicPatchesQQL": "",
    "isDynamicPatchesQQL": false,
    "linkedJobId": "",
    "dynamicQQLType": 1,
    "assetCount": 1,
    "assetIds": [
      "719c1cc3-88c1-4106-be5a-efa2ae8abef9"
    ],
    "assetTagIds": [],
    "deleted": false,
    "duringDeployment": {
      "userMessage": "",      "description": ""    }
  ,
    "name": "Aug_10_System_reboot",
    "description": "",
    "createdBy": null,
    "patchCount": 0,
    "postDeployment": {
      "suppressReboots": false,
      "onComplete": {
        "userMessage": "",      "description": ""    }
    },
    "rebootCountdown": {
      "interval": 15,      "intervalUnit": "MINUTES",
      "userMessage": "Reboot countdown started",      "description": "The
system reboot is initiated. It will reboot automatically after the timer
countdown."    }
  ,
  }
```

```
    "rebootOption": {
      "deferment": {
{        "count": 3,          "interval": 1,          "intervalUnit": "HOURS"
      }
    },
    "userMessage": "",
    "description": ""
  }
},
"preDeployment": {
  "deferment": {
{    "count": 3,          "interval": 1,          "intervalUnit": "HOURS"    }
  },
  "userMessage": "",
  "description": ""
},
"recurring": false,
"dayOfMonth": null,
"recurringLastDayOfMonth": false,
"patchTuesdayPlusXDays": null,
"monthlyRecurringType": null,
"recurringDayOfMonth": null,
"recurringWeekDayOfMonth": null,
"recurringWeekDays": "",
"scheduleType": "On-demand",
"schemaVersion": "1.0",
"startDateTime": null,
"status": "Disabled",
"opportunisticdownloads": false,
"minimizeWindow": false,
"timeout": -1,
"timeoutUnit": "HOURS",
"timezone": null,
"timezoneType": null,
"type": "Install",
"filterType": "Any",
"exclusionFilterType": "Any",
"exclusionTagIds": [],
"matchAllTagIds": [],
"coAuthorUserIds": [],
"platform": "Windows",
"exclusionAssetIds": [],
"preDeployActions": [
  {
    "action": "System Reboot",
    "params": {
      "actionItem": "Action-Sytem"
    }
  }
],
```

```
"postDeployActions": [],  
"jobCategory": null,  
"jobSource": 2,  
"notification": null  
},'
```

Response:

```
{  
  "customerId": "5xx9dba4-98xx-eb39-8xx2-8e24xxx42e",  
  "id": "f32d5600-a2ff-4ce3-897d-604ae3493581",  
  "schemaVersion": "1.0",  
  "name": "Aug_10_System_reboot",  
  "type": "Install",  
  "status": "Disabled",  
  "assetIds": [  
    "719c1cc3-88c1-4106-be5a-efa2ae8abef9"  
  ],  
  "assetTagIds": [],  
  ...  
  "platform": "Windows",  
  "continueOnPatchFailure": false,  
  "preDeployActions": [  
    {  
      "actionId": "fee71941-645d-4015-8c1c-41f1335e8d6d",  
      "action": "System Reboot",  
      "actionType": "predeploy",  
      "params":  
    {  
      "actionItem": "Action-Sytem",          "timeout": 180      }  
    },  
    {  
      "script": "",  
      "scriptType": "ps"  
    }  
  ],  
  "postDeployActions": null,  
  "applicableAssetCount": 0,  
  ...  
  "linkedJobId": null,  
  "linkedToJob": null,  
  "linkedJobs": null,  
  "jobStartCountdown": null,  
  "passwordAction": null  
}
```

## Changes in Column Names of Downloaded Reports

With this release, you can see that multiple column names are changed from the downloaded reports of the following Reports APIs.

- [Get Assets Tab Report \(For Windows\)](#)
- [Get Patches Tab Report \(For Windows and Linux\)](#)
- [Get Deployment Job Progress Report](#)

### Get Assets Tab Report (For Windows)

|                    |                     |
|--------------------|---------------------|
| API affected       | /pm/v1/report/asset |
| Status             | Updated             |
| Operator           | GET                 |
| DTD or XSD changes | Not applicable      |

Refer to the following table to see the changed column names:

| Column Name before PM 2.4 release | Column Name from PM 2.5 release |
|-----------------------------------|---------------------------------|
| rowId                             | ROWID                           |
| QID                               | ASSOCIATED QIDS                 |
| SEVERITY                          | VENDOR SEVERITY                 |
| CVE                               | CVES                            |

## Get Patches Tab Report (For Windows and Linux)

|                    |                     |
|--------------------|---------------------|
| API affected       | /pm/v1/report/patch |
| Status             | Updated             |
| Operator           | GET                 |
| DTD or XSD changes | Not applicable      |

Refer to the following table to see the changed column names for Windows:

| Column Name before PM 2.4 release | Column Name from PM 2.5 release |
|-----------------------------------|---------------------------------|
| rowId                             | ROWID                           |
| QID                               | ASSOCIATED QIDS                 |
| SEVERITY                          | VENDOR SEVERITY                 |
| CVE                               | CVES                            |
| Reboot required                   | REBOOT MAYBE REQUIRED           |

Refer to the following table to see the changed column names for Linux:

| Column Name before PM 2.4 release | Column Name from PM 2.5 release |
|-----------------------------------|---------------------------------|
| QID                               | ASSOCIATED QIDS                 |
| SEVERITY                          | VENDOR SEVERITY                 |
| CVE                               | CVES                            |
| Reboot required                   | REBOOT MAYBE REQUIRED           |

## Get Deployment Job Progress Report

|                    |   |
|--------------------|---|
| API affected       | /pm/v1/report/jobprogress/{deploymentJobId} |
| Status             | Updated                                     |
| Operator           | GET   |
| DTD or XSD changes | Not applicable                              |

- [Windows Aggregated Job Progress Report](#)
- [Windows Job Progress Report](#)
- [Linux Job Progress Report](#)
- [Mac Job Progress Report](#)

## Windows Aggregated Job Progress Report

Refer to the following table to see the changed column names:

| Column Names before PM 2.4 release | Column Names from PM 2.5 release |
|------------------------------------|----------------------------------|
| QID                                | ASSOCIATED QIDS                  |
| SEVERITY                           | VENDOR SEVERITY                  |
| CVE                                | CVES                             |
| Reason                             | REASON FOR FAILURE               |
| title                              | PATCH TITLE                      |

## Windows Job Progress Report

Refer to the following table to see the changed column names:

| Column Names before PM 2.4 release | Column Names from PM 2.5 release |
|------------------------------------|----------------------------------|
| QID                                | ASSOCIATED QIDS                  |
| SEVERITY                           | VENDOR SEVERITY                  |
| CVE                                | CVES                             |
| Reason                             | REASON FOR FAILURE               |
| rowId                              | ROWID                            |

### Linux Job Progress Report

Refer to the following table to see the changed column names:

| Column Names before PM 2.4 release | Column Names from PM 2.5 release |
|------------------------------------|----------------------------------|
| QID                                | ASSOCIATED QIDS                  |
| SEVERITY                           | VENDOR SEVERITY                  |
| CVE                                | CVES                             |

### Mac Job Progress Report

Refer to the following table to see the changed column names:

| Column Names before PM 2.4 release | Column Names from PM 2.5 release |
|------------------------------------|----------------------------------|
| QID                                | ASSOCIATED QIDS                  |
| SEVERITY                           | VENDOR SEVERITY                  |
| CVE                                | CVES                             |
| Reason                             | REASON FOR FAILURE               |

## List of Job Progress Reports Support for Mac

|                    |                |
|--------------------|----------------|
| API affected       | /pm/v1/reports |
| Status             | Updated        |
| Operator           | GET            |
| DTD or XSD changes | Not Applicable |

With this release, you can also use this API to fetch a list of recently triggered Mac Job Progress reports.

**Note:** Before this release, you could get a list of only recently triggered Windows and Linux Job Progress reports.

### Sample - Get a List of Job Progress Reports

API Request (JSON format):

```
curl -X 'GET' \  
'<qualys_base_url>/pm/v1/reports?limit=10' \  
-H 'accept: application/json' \  
-H 'Authorization: Bearer <<jwt token>>' \  

```

Response:

```
[  
  {  
    "reportId": "dc117be2-ac14-423f-aae5-611e5d6f6de8",  
    "type": "JOB_PROGRESS",  
    "createdDate": 1691747087189,  
    "expirationDate": 1692351887189,  
    "status": 1,  
    "queryHavingQuery": "(jobId:d39c43c6-3d62-48aa-bbce-a00263e6dcc1) AND  
includeActionsResult: true",  
    "fileSize": "791.00 Bytes",  
    "platform": "Mac"  
  },  
  {  
    "reportId": "8e12bf64-c5e1-40ea-8696-88f38dfc3bd2",  
    "type": "JOB_PROGRESS",  
    "createdDate": 1691727932474,  
    "expirationDate": 1692332732474,  
    "status": 1,  
    "queryHavingQuery": "(jobId:6a94df03-9898-49c7-8219-c520e66b2c5d) ",  
    "fileSize": "1.35 KB",  
    "platform": "Mac"  
  },  
  {  

```

```
"reportId": "2cc82430-e79d-4548-802b-ebc0c6578d09",
"type": "JOB_PROGRESS",
"createdDate": 1691727847263,
"expirationDate": 1692332647263,
"status": 1,
"queryHavingQuery": "(jobId:6a94df03-9898-49c7-8219-c520e66b2c5d)",
"fileSize": "1.35 KB",
"platform": "Mac"
},
{
  "reportId": "48828c6e-be95-4a8e-9541-0e1634d701d1",
  "type": "JOB_PROGRESS",
  "createdDate": 1691652180383,
  "expirationDate": 1692256980383,
  "status": 0,
  "queryHavingQuery": "(jobId:a640138a-1bae-4323-b46c-adb8cda4d9a0) AND
includeActionsResult: true",
  "fileSize": null,
  "platform": "Linux"
},
...
]
```