



Qualys Patch Management

Release Notes

Version 2.2

April 11, 2023 (Updated on May 3, 2023)

What's New

Here's what's new in Patch Management 2.2!

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Qualys 2.2 brings you more improvements and updates! [Learn more](#)



Enable and Deploy Vendor-acquired Patches for Windows

With this release, you can enable and add vendor-acquired patches to Windows deployment jobs.

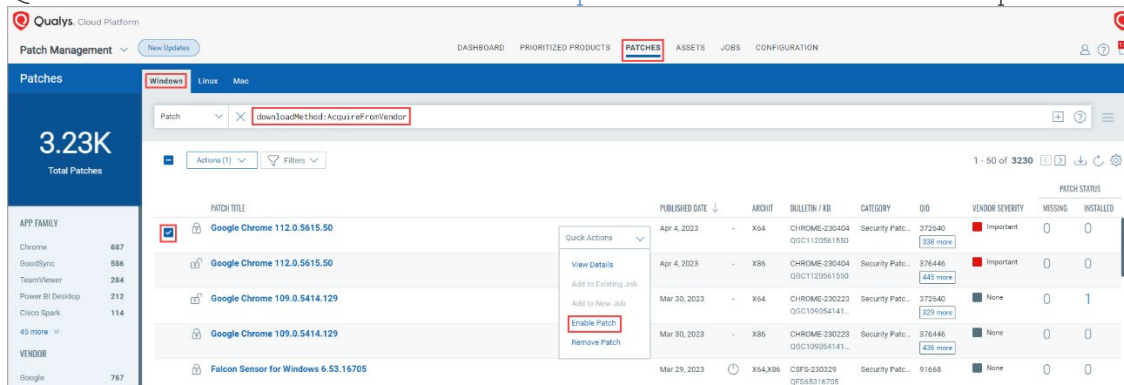
Important: Vendor-acquired patch enablement is not supported for on-demand jobs. It is supported for scheduled jobs for which the opportunistic patch download option is selected at the time of job creation.

You can identify “AcquireFromVendor” patches available for adding to Windows deployment patch jobs by navigating to the **Patches > Windows** tab.

By running the “downloadMethod:AcquireFromVendor” QQL query, you can see patches enabled for adding to patch jobs.

- Patches with the **Unlock**  icons are enabled for adding to patch jobs.
- Patches with the **lock**  icons are available for enablement.

Select the check box next to the “AcquireFromVendor” patch, and click **Enable Patch** from the Quick Actions menu. Refer to the [Online Help](#) for detailed information about patch enablement.



After you enable the patch, the **Add to Existing Job** and **Add to New Job** options are enabled, and you can add the patch to an existing or a new Windows deployment job.

Aggregated Job Progress Report Generation for Windows

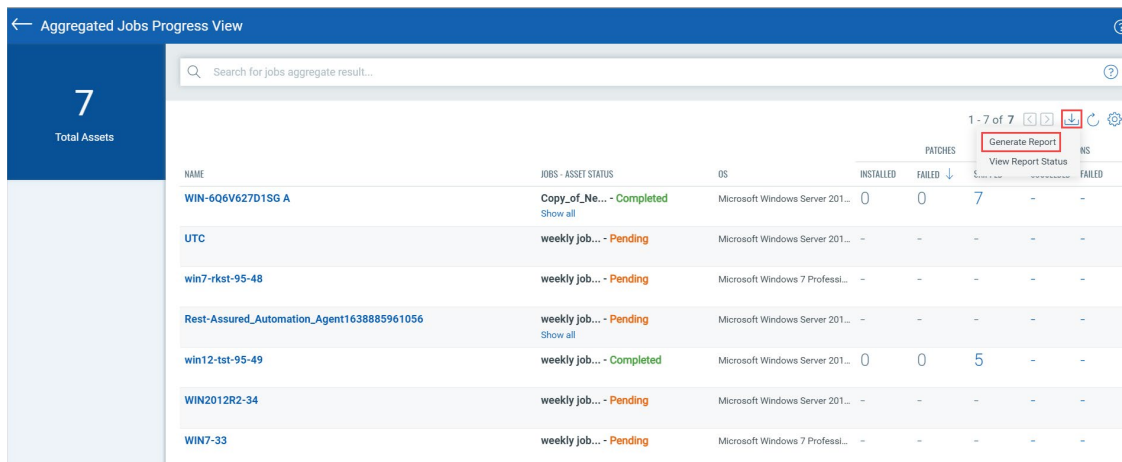
With this release, you can generate the aggregated job progress report for Windows deployment jobs with the "Assets Responded" status. The aggregated job progress report generation is not supported for Linux and Mac deployment jobs.

The report is generated in CSV format, and it includes details of installed and failed patches. The details of skipped patches are not included in the report.

Go to the "Aggregated Jobs Progress View" page, click the **Download** icon, and click **Generate Report**.

Note: You can generate the aggregated job progress report only from the Patch Management UI but not by using the API.

For more information, refer to the [online help](#).



The screenshot displays the 'Aggregated Jobs Progress View' page. On the left, a sidebar shows '7 Total Assets'. The main area contains a table with the following data:

NAME	JOBS - ASSET STATUS	OS	PATCHES		NS
			INSTALLED	FAILED	
WIN-6Q6V627D1SG A	Copy_of_Ne... - Completed Show all	Microsoft Windows Server 201...	0	0	7
UTC	weekly job... - Pending	Microsoft Windows Server 201...	-	-	-
win7-rkst-95-48	weekly job... - Pending	Microsoft Windows 7 Profess...	-	-	-
Rest-Assured_Automation_Agent1638885961056	weekly job... - Pending Show all	Microsoft Windows Server 201...	-	-	-
win12-1st-95-49	weekly job... - Completed	Microsoft Windows Server 201...	0	0	5
WIN2012R2-34	weekly job... - Pending	Microsoft Windows Server 201...	-	-	-
WIN7-33	weekly job... - Pending	Microsoft Windows 7 Profess...	-	-	-

In the top right corner of the table, there is a 'Generate Report' button, which is highlighted with a red box in the screenshot. Other icons for pagination and settings are also visible.

Support for Ubuntu Linux 22

With this release, we have added support for Ubuntu Linux 22 for patching Linux assets.

Support for SLES

With this release, we have added support for the following SUSE Linux Enterprise Server (SLES):

- SUSE Linux Enterprise Server SLES 12 SP3, SLES 12 SP4, and SLES 12 SP5
- SUSE Linux Enterprise Server SLES 15, SLES 15 SP1, SLES 15 SP2, SLES 15 SP3, and SLES 15 SP4

Job Level Status Renaming from “Completed” to “Assets Responded”

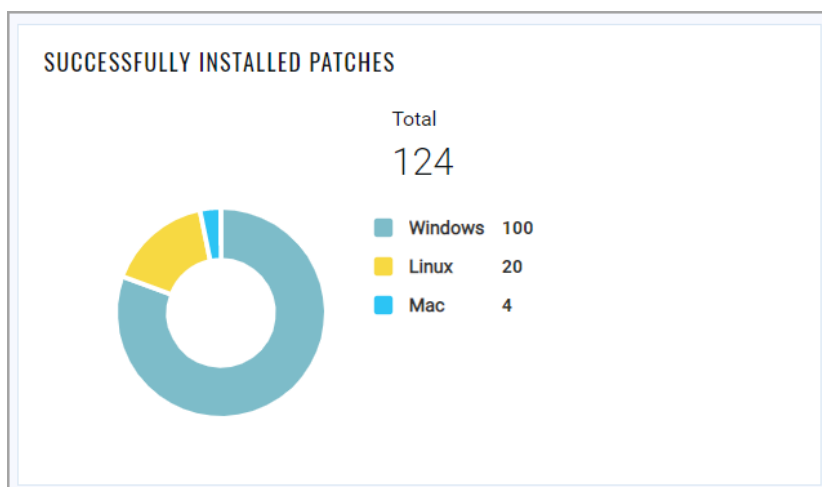
With this release, the job level status, "Completed" is renamed to "Assets Responded" status for all platforms. When you hover over the "Assets Responded" status, a tooltip mentions the number of assets on which the job is executed. The progress bar also indicates the percentage of assets on which the job is executed.

The screenshot shows the Qualys Enterprise interface. The top navigation bar includes 'Patch Management', 'New Updates', 'DASHBOARD', 'PRIORITIZED PRODUCTS', 'PATCHES', 'ASSETS', 'JOBS' (highlighted), and 'CONFIGURATION'. The left sidebar shows 'Jobs' with a 'Total Jobs' count of 189. The main content area displays a table of jobs. A tooltip is visible over the 'Assets Responded' status, stating: 'The job was executed on 1 of 1 targeted assets.' The table lists jobs with columns for NAME, OWNER, SCHEDULE, PATCHES, ASSETS, and TAGS. The jobs are: 'SS_mock results for windows_1679...' (6 patches, 1 asset), 'Copy_of_mock results for windows_...' (2 patches, 1 asset), 'Test_SS1' (4 patches, 2 assets), 'mock results for windows' (2 patches, 1 asset), and 'TestJobForWidget' (15 patches, 1 asset).

NAME	OWNER	SCHEDULE	PATCHES	ASSETS	TAGS
SS_mock results for windows_1679...	quays_rw17	On-Demand	6	1	-
Copy_of_mock results for windows_...	quays_rw17	On-Demand	2	1	-
Test_SS1	quays_rw17	On-Demand	4	2	-
mock results for windows	quays_rw17	On-Demand	2	1	-
TestJobForWidget	quays_rw17	On-Demand	15	1	-

New Widget

With this release, you can add a new widget that shows the count of successfully installed patches across all platforms. The count of patches is based on the job results received from the Cloud Agent, which considers the results of the last 15 occurrences of a particular job execution.



MacOS deployment Messages for Mac Jobs

The MacOS deployment messages are compatible with Mac agent binary version 4.30.0 and later for Intel and 4.40.0 and later for ARM. Users with the Patch Manager and the Patch User roles can then configure the MacOS deployment messages during the Mac Job creation.

By default, the toggles next to every deployment message are set to **OFF**.

Qualys Enterprise

← Create: Mac Deployment Job

STEPS 5/7

- 1 Basic Information
- 2 Select Assets
- 3 Select Patches
- 4 Schedule
- 5 Options
- 6 Job Access
- 7 Confirmation

Deployment and Reboot Communication Options
Define user (recipient) patch deployment communication and reboot warning messages to encourage and educate the user about patch installation and the reboot cycle.

Deployment messages

Pre-Deployment
Display message to users before patch deployment starts.
(If no user is logged in, deployment process starts per job schedule)

MacOS Patching Countdown
Show MacOS patching countdown message to users after the deferment limit is reached.
Important: Turn ON this toggle if the job includes OS patches.

Deployment in Progress
Display message to users while patch Deployment is in progress.

Deployment Complete
Display message to users when patch Deployment is complete.

Refer to the following screen capture that shows the pre-configured messages:

Pre-Deployment ON

Display message to users before patch deployment starts.
(If no user is logged in, deployment process starts per job schedule)

TITLE *

Upgrade request

MESSAGE

One or more important software upgrades must be applied to this system.
Approve the download to continue the upgrade process in the background.

357 characters remaining

DEFERMENT *

Remind again in 1 Hours

NUMBER OF DEFERMENTS *

3 times

MacOS Patching Countdown ON

Show MacOS patching countdown message to users after the deferment limit is reached.
Important: Turn ON this toggle if the job includes OS patches.

TITLE *

Final countdown before MacOS patching commencement

MESSAGE

The MacOS patching will start immediately after the countdown is over. Ensure that you save your work. The system might restart automatically after the patching completes, and your unsaved changes will be lost.

290 characters remaining

START COUNT-DOWN FROM *

15 Minutes

Deployment in Progress ON

Display message to users while patch Deployment is in progress.

TITLE *

Upgrade in progress

MESSAGE

The upgrade is initiated and is now in progress.

452 characters remaining

Deployment Complete ON

Display message to users when patch Deployment is complete.

TITLE *

Upgrade completed

MESSAGE

The upgrade process is now completed.

463 characters remaining

Issues Addressed

- We have fixed an issue where the monthly scheduled job failed to run.
- We have fixed an issue where when using the widget for the Patches or Assets ratio, the count of patches for the applied queries provided the correct count, but an incorrect assets count was provided.
- An issue was observed where a discrepancy was seen regarding the agent last checkin details on the patch management UI. We have replaced the 'ASSET LAST CHECKED-IN TIME' field with the 'ASSET PM SCAN TIME' field that provides more relevant asset data in Patch Management.