



Qualys Patch Management

Release Notes

Version 1.4.3

September 2, 2020

Here's what's new in Patch Management 1.4.3!

[Add Exclusion Asset Tags in Jobs](#)

[Added Support for Tag Hierarchy](#)

[Unified Dashboard \(UD\) Support for Patch Management](#)

[View Job Last Sent Information on the Job Progress Page](#)

[View the Last Date and Time When Agent Communicated with Qualys Platform](#)

[View Missing and Installed Patch Information for Assets on the Patch Details Page](#)

[Category Column Added to the Patch Catalog Page](#)

Qualys 1.4.3 brings you more improvements and updates! [Learn more](#)

Add Exclusion Asset Tags in Jobs

We now support the option to specify the asset tags for assets that you want to exclude from the deployment or uninstall job.

To select this option, go to **Jobs > Create Job** or **Uninstall Job**. On the **Deployment** or **Uninstall Job** screen, go to the **Select Asset** tab and select **Add Exclusion Asset Tags**. Then select the ANY/ALL option and then add tags using the **Select Tags** link.

Select **Any** to exclude assets that have any of the selected tags. Select **All** to exclude only those assets in the patch deployment/uninstallation job that have ALL the selected tags.

The screenshot shows the 'Create: Deployment Job' interface. On the left, a sidebar lists steps: 1 Basic Information, 2 Select Assets (highlighted), 3 Select Patches, 4 Schedule, 5 Options, and 6 Confirmation. The main area displays a table of asset names with 'Remove All' and 'x' icons. Below the table, there are two sections for tag selection. The first section, 'Include hosts that have Any of the tags below.', is currently empty with a 'Take me to tag selector' link. The second section, 'Add Exclusion Asset Tags', is checked and contains the text 'Exclude hosts that have Any of the tags below.' with a 'Select Tags' link. A red rounded rectangle highlights this section, which contains a single tag 'Business Units' with an 'x' icon. At the bottom, there are 'Cancel', 'Previous', and 'Next' buttons.

ASSET NAME	Remove All
CANF-2008x32	x
81x64SetupTest	x
DESKTOP-1T2808E	x
DESKTOP-2CF2ENV	x
DESKTOP-NKJF580	x

Include hosts that have **Any** of the tags below. [Select Tags](#)

There are no tags selected
[Take me to tag selector](#)

Add Exclusion Asset Tags
Exclude hosts that have **Any** of the tags below. [Select Tags](#)

Business Units x

Cancel Previous Next

Added Support for Tag Hierarchy

We now support tag hierarchy while searching for tags by tag ID or name on the Assets, Jobs, and Patches tabs. This means we will include all the child asset tags in the search results for a searched tag.

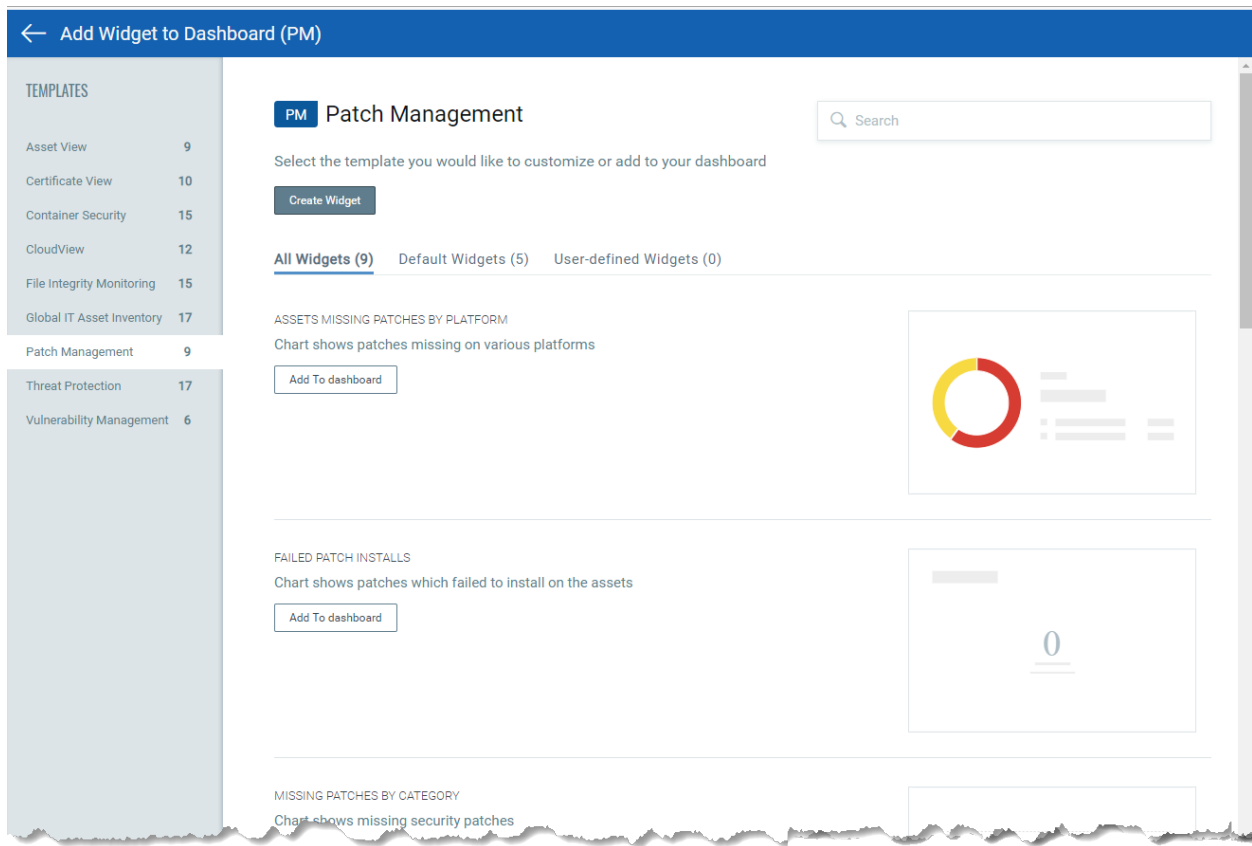
Unified Dashboard (UD) Support for Patch Management

Dashboards help you visualize your assets, see your threat exposure, leverage saved searches, and fix the priority of vulnerabilities quickly.

We have integrated Unified Dashboard (UD) with Patch Management. UD brings information from all Qualys applications into a single place for visualization. UD provides a powerful new dashboarding framework along with platform service that will be consumed and used by all other products to enhance the existing dashboard capabilities.

You can use the default dashboard provided by Qualys or easily configure widgets to pull information from other modules/applications and add them to your dashboard. You can also add as many dashboards as you like to customize your vulnerability posture view.

Click the **Add Widget** icon on the Dashboard page to go to **Add Widget to Dashboard (PM)** screen.



View Job Last Sent Information on the Job Progress Page

We will now show you the date and time when the Job was last sent to the agent for an asset in a new column **Job Sent On** on the **Job Progress** page. For recurring jobs, this date will be updated when the job is sent to agent at the next schedule. For such jobs, this information lets you monitor whether a job is taking longer than usual time to complete. You can use this information to troubleshoot any issues, such as agent not responding with job results and so on. We do not show this information for assets that are not licensed.

To view this information, go to the **Jobs** tab, and select a job and from the **Quick Actions** menu, click **View Progress**. On the **Job Progress** page, you will see a new column **Job Sent On**. We will show the Job last sent date and time information in this column.

STATUS	ASSET NAME	JOB SENT ON	OS	LAST USER	PATCHES		
					UNINSTALLED	FAILED	SKIPPED
Completed On Aug 22, 2020 12:55 am	DESKTOP-IV41S9F	Aug 21, 20...	Microsoft Windows 10 Pro 10.0.17134 64-bit N/A Build 17134	.Administrat...	0	0	2
Pending From Aug 28, 2020 01:21 pm Last agent checked-in on Aug 29...	WIN12R2-97-147	Aug 28, 20...	Microsoft Windows Server 2012 R2 Standard 6.3.9600 64-bit N/A Build 9600	Administrator	-	-	-

View the Last Date and Time When Agent Communicated with Qualys Platform

We now show on the **Job Progress** page the date and time when the agent last communicated with the Patch Management module in the **Status** column for only pending jobs. A job may be in a pending state for a long time either because the agent is unable to communicate with our Qualys Cloud Platform or we have not sent the job manifest to the agent.

STATUS	ASSET NAME	JOB SENT ON	OS	LAST USER	UNINSTALLED	FAILED	SKIPPED
Pending From Aug 21, 2020 04:46 pm Last agent checked-in on Aug 29...	DESKTOP-IV41S9F	-	Microsoft Windows 10 Pro 10.0.17134 64-bit N/A Build 17134	.Administrat...	-	-	-
Pending From Aug 21, 2020 04:46 pm Last agent checked-in on Aug 29...	WIN12-97-72	-	Microsoft Windows Server 2012 R2 Standard 6.3.9600 64-bit N/A Build 9600	Administrator	-	-	-

View Missing and Installed Patch Information for Assets on the Patch Details Page

We now show for each patch on the View Patch Details page the number of assets on which the patch is installed and missing. We show this information on the patch catalog page also.

← View Details: **Google Chrome 85.0.4183.83**

VIEW MODE

Basic Information

Affected Applications

Superseded by Patches

Supersedes

Resolved QIDs

Assets

Patch Summary

Last known information for this patch.

Google Chrome 85.0.4183.83
Description: Google Chrome has been updated to version 85.0.4183.83.
Vendor: **Google** Vendor Severity: **Important** Patch size: **65.86 MB**

Identification		Additional Information
Bulletin ID:	CHROME-200825	This patch is missing in 1 assets
KB:	QGC850418383	This patch is installed in 0 assets
Category:	Security Patches	There are 43 total affected applications
Published on:	Aug 25, 2020 05:30 am	It's superseded by 0 patches
Modified on:	Aug 25, 2020 05:30 am	This patch superseded 185 other patches

Resolved **166** different QIDs

We have also introduced a new **Asset** sub-tab on the patch details page which will list all your assets and show the assets on which the patch is either installed or missing. You can select the Missing and Installed filters to view assets that have or do not have the patch.

← View Details: **Google Chrome 85.0.4183.83**

VIEW MODE

Basic Information

Affected Applications

Superseded by Patches

Supersedes

Resolved QIDs

Assets

Search...

Filters

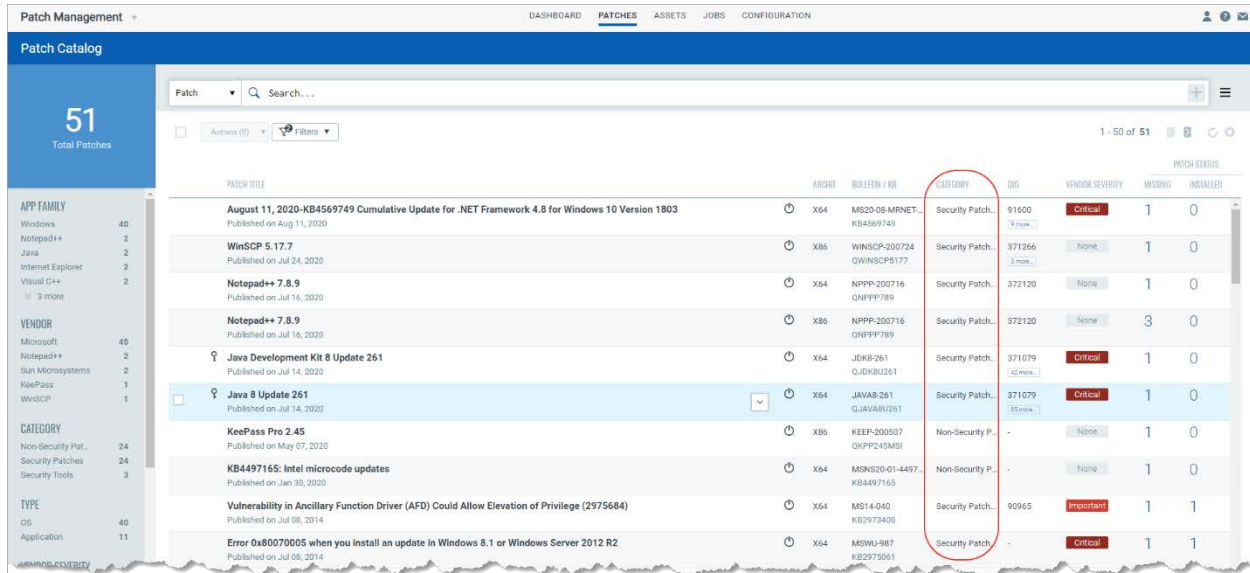
1 Asset

1 - 1 of 1

STATUS	ASSET NAME	OS	LAST USER	PATCHES		TAGS
				MISSING	INSTALLED	
Scanned Scanned on Aug...	DMURPHY-SVR19	Microsoft Windows Server 2019 Standard 10.0.17763 64-bit N/A Build 17763	\Administra...	15	40	OperatingSystem-2 1 more...

Category Column Added to the Patch Catalog Page

We now have added a new column **Category** to show you the categories of the patches on the Patch List page. Earlier, you need to apply the category filter to view patches for a particular category. The information lets you identify the security patches that must be patched on priority to mitigate security risks on your assets. The **Category** column has replaced the **Application** column.



The screenshot displays the Patch Management interface. The top navigation bar includes 'Patch Management', 'DASHBOARD', 'PATCHES', 'ASSETS', 'JOBS', and 'CONFIGURATION'. The main header shows 'Patch Catalog' and '51 Total Patches'. A search bar and filters are present. The table below lists various patches with columns for Patch Title, Archt, Bulletin / KB, Category, QID, Vendor Severity, Missing, and Installed. The 'Category' column is circled in red.

Patch Title	Archt	Bulletin / KB	Category	QID	Vendor Severity	Missing	Installed
August 11, 2020-KB4569749 Cumulative Update for .NET Framework 4.8 for Windows 10 Version 1803 Published on Aug 11, 2020	X64	MS20-08-MRNET... KB4569749	Security Patch...	91600	Critical	1	0
WinSCP 5.17.7 Published on Jul 24, 2020	X86	WINSQP-200724 QWINSQP5177	Security Patch...	371266	None	1	0
Notepad++ 7.8.9 Published on Jul 16, 2020	X64	NPPP-200716 QNPFP789	Security Patch...	372120	None	1	0
Notepad++ 7.8.9 Published on Jul 16, 2020	X86	NPPP-200716 QNPFP789	Security Patch...	372120	None	3	0
Java Development Kit 8 Update 261 Published on Jul 14, 2020	X64	JKR8-261 QJKR8U261	Security Patch...	371079	Critical	1	0
Java 8 Update 261 Published on Jul 14, 2020	X64	JAVI8-261 QJAVI8U261	Security Patch...	371079	Critical	1	0
KeepPass Pro 2.45 Published on May 07, 2020	X86	KEEP-200507 QKPP245MSI	Non-Security P...	-	None	1	0
KB4497165: Intel microcode updates Published on Jan 30, 2020	X64	MSNS20-01-4497... KB4497165	Non-Security P...	-	None	1	0
Vulnerability in Ancillary Function Driver (AFD) Could Allow Elevation of Privilege (2975684) Published on Jul 06, 2014	X64	MS14-040 KS2973408	Security Patch...	90965	Important	1	1
Error 0x80070005 when you install an update in Windows 8.1 or Windows Server 2012 R2 Published on Jul 06, 2014	X64	MSWU-987 KB2975061	Security Patch...	-	Critical	1	1

Issues Addressed

- We fixed an issue where we were showing incorrect duration in the validation message when setting a value greater than the allowed value for the patch window in the Schedule tab while creating a deployment or uninstallation job.
- We updated the Patch Management User Guide and Online help to tell you that a Patch do not show the QID on the Patch List page if the QIDs is not linked to one or more CVEs. This is because patches are link to QIDs using CVEs.
- We fixed a discrepancy on the Job details page where we were showing less number of patches than that added in a deployment job. The same issue is fixed in the Patches sub tab on the Job details page.
- We fixed an issue where we were showing a conflict warning message in the Configuration tab that was telling "One or more assets had conflicting Assessment Profiles hence they are now assigned the Default profile." But when the user clicks the link "View conflicts and resolve as applicable", the user was navigated to the Assets tab instead of showing the assets. After the fix, we show the conflicting assets when the user click the link.
- We fixed an issue where recurring jobs that had start date set as a future date were running before the schedule date. After the fix the patch jobs with future start date are picked on the scheduled date.