



012 - Patch Deployment Job

- Before creating a Deployment Job, you'll need to specify which host assets are eligible for patching. From the Patch Management application, click "**CONFIGURATION**" (at the top of the page).

The screenshot shows the Qualys Patch Management Overview dashboard. At the top, there are navigation tabs: DASHBOARD (selected), PATCHES, ASSETS, JOBS, and CONFIGURATION. A banner at the top right indicates "77 days left on your Trial" and a red "Upgrade Now!" button. Below the tabs, a blue header bar says "Patch Management Overview".

MISSING PATCHES BY CATEGORY:

Category	Count
Non-Security	6
Security	3

MISSING PATCHES BY VENDORS:

Vendor	Count
Microsoft	7
Sun Micro...1	1
Apache So... 1	1



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- ⓘ From the "Configuration" section, click the "**Licenses**" tab (just right of the "Profiles" tab).

The screenshot shows the Qualys Patch Management interface. At the top, there's a navigation bar with links for DASHBOARD, PATCHES, ASSETS, JOBS, and CONFIGURATION. The CONFIGURATION tab is currently active, indicated by an underline. Below the navigation is a secondary navigation bar for 'Patch Management' with tabs for Configuration, Profiles, and Licenses. The Licenses tab is highlighted with a blue border. The main content area displays a table of configuration profiles. The columns are STATUS, NAME, CREATION, SCHEDULE INTERVAL, and TAGS. There is one entry: System Profile Default, which is Enabled and was created on Jul 23, 2020. The schedule interval is set to Every 4 hours. At the top of the table area, there are buttons for Actions (0) and Create Profile, along with some filtering and sorting icons.

STATUS	NAME	CREATION	SCHEDULE INTERVAL	TAGS
Enabled	System Profile Default Default Assessment Profile	System Jul 23, 2020	Every 4 hours	-



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- ⓘ Here, under the "Licenses" tab, assets that consume a patching license, are identified using one or more Asset Tags.

The screenshot shows the Qualys Enterprise Patch Management interface. The top navigation bar includes links for DASHBOARD, PATCHES, ASSETS, JOBS, and CONFIGURATION. The CONFIGURATION tab is selected, and the sub-tab LICENSES is active. The main content area is titled "License Consumption". It displays a summary card for "Patch Management" with the following details:

Patch Management	Total Consumption
Type: TRIAL Expiring in: 77 days on 28 Oct, 2020 18:59 PM Status: Active	0 Of 10 100%

Below this, the "License Details" section shows:

Licenses Purchased	Licenses Used
10	0

The "Select assets for patch management" section contains a note: "Select asset tags to include or exclude for patch management. Total Consumption counter shows the number of licenses used based on the number of matching assets contained in the included asset tags." It features an "Include Assets Tags" input field and a "Select Tags" button. A message below states: "There are no asset tags selected" and provides a link "Take me to tag selector". At the bottom, there is an option to "Add Exclusion Asset Tags".



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Click the "Select Tags" link.

The screenshot shows the Qualys Enterprise interface for Patch Management. The top navigation bar includes links for DASHBOARD, PATCHES, ASSETS, JOBS, and CONFIGURATION. The CONFIGURATION tab is selected. Below it, there are three tabs: Configuration (selected), Profiles, and Licenses. The main content area is titled "License Consumption". It displays a summary for "Patch Management" with a trial type, expiration date, and status. A progress bar indicates "Total Consumption" at 0 Of 10 (100%). The "License Details" section shows 10 purchased licenses and 0 used licenses. The "Select assets for patch management" section contains a list of "Include Assets Tags" and a "Select Tags" button, which is highlighted with a red box. A note states: "Select asset tags to include or exclude for patch management. Total Consumption counter shows the number of licenses used based on the number of matching assets contained in the included asset tags." At the bottom, there is a checkbox for "Add Exclusion Asset Tags".



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- ⓘ Select the check box for the VMDR Lab tag.

The screenshot shows the Qualys Cloud Platform interface. On the left, the main dashboard displays 'Patch Management' under 'Patch Management', with a trial status of '268 days left on your Trial' and an 'Upgrade Now!' button. Below this are sections for 'License Consumption' (Patch Management type: TRIAL, expiring in 268 days), 'License Details' (10 purchased, 2 used), and 'Select assets for patch management'. The 'Include Assets Tags' section shows a message: 'There are no assets to include in this patch management job.' A checkbox for 'Add Exclusion Asset Tags' is present. On the right, a modal window titled 'Asset Selector' lists six tags: Internet Facing..., Windows, Cloud Agent, Business Units, VMDR Lab (which has a checked checkbox), and Sensor. A search bar at the top of the selector window contains the placeholder 'Search for tags...'. The bottom of the selector window has a 'Select' button.



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- ⓘ Click the "Select" button.

The screenshot shows the Qualys Cloud Platform interface for Patch Management. On the left, the main dashboard displays License Consumption, Patch Management details (Type: TRIAL, Expiring in: 268 days), and License Details (10 purchased, 2 used). Below this is a section for selecting assets for patch management, which currently shows no assets. On the right, a modal window titled "Asset Selector" is open, listing six tags: Internet Facing..., Windows, Cloud Agent, Business Units, VMDR Lab (which is checked), and Sensor. A search bar at the top of the selector lists "Search for tags..." and "6 Tags". At the bottom of the selector is a "Select" button.



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- ⓘ With the "VMDR Lab" tag included, click the "Save" button (at the bottom of the page).

The screenshot shows the Qualys Cloud Platform interface for Patch Management. The top navigation bar includes the Qualys logo, a trial status message ("268 days left on your Trial. Upgrade Now!"), and user account options. The main menu has tabs for Patch Management, Dashboard, Patches, Assets, Jobs, and Configuration, with Configuration being the active tab. Below the menu, there are three main sections: Patch Management (showing Type: TRIAL, Expiring in: 268 days on 19 Jun, 2021 18:59 PM, Status: Active, Total Consumption: 0 Of 10), License Details (Licenses Purchased: 10, Licenses Used: 0), and Select assets for patch management. The Select assets section contains a sub-section for Include Assets Tags, which lists "VMDR Lab" as an included tag. There is also an option to Add Exclusion Asset Tags. At the bottom of the configuration section are "Reset" and "Save" buttons.



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- ⓘ The "Total Consumption" indicator is updated with the number of agent host assets labeled with the tag(s) you include. We'll use the "VMDR Lab" tag again, when adding assets to a Deployment Job.

The screenshot shows the Qualys Cloud Platform Configuration page. At the top, there's a navigation bar with links for Patch Management, Dashboard, Patches, Assets, Jobs, and Configuration. The Configuration tab is selected. Below the navigation, there are three main sections: Patch Management, License Details, and Select assets for patch management. The Patch Management section shows a trial status with 268 days left. The License Details section shows 10 purchased licenses and 2 used licenses. The Select assets for patch management section has a 'Include Assets Tags' input field containing 'VMDR Lab' and a 'Select Tags' button. A red box highlights the 'Total Consumption' indicator, which shows a progress bar at 2 Of 10, with 100% written below it.



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- ⓘ To begin creating a Deployment Job, click **JOBS**, (at the top of the page).

The screenshot shows the Qualys Cloud Platform Configuration page under the Patch Management section. The top navigation bar includes links for DASHBOARD, PATCHES, ASSETS, JOBS (which is highlighted), and CONFIGURATION. A trial status message indicates "268 days left on your Trial" and a "Upgrade Now!" button. The main content area is divided into several sections:

- Patch Management**: Shows Type: TRIAL, Expiring in: 268 days on 19 Jun, 2021 18:59 PM, Status: Active, and Total Consumption (2 Of 10, 100%).
- License Details**: Shows Licenses Purchased: 10 and Licenses Used: 2.
- Select assets for patch management**: A note stating "Select asset tags to include or exclude for patch management. Total Consumption counter shows the number of licenses used based on the number of matching assets contained in the included asset tags." Below this is a "Include Assets Tags" input field containing "VMDR Lab" with a remove button "X". A "Select Tags" link is also present. There is an unchecked checkbox for "Add Exclusion Asset Tags".
- Action buttons**: "Reset" and "Save" buttons at the bottom of the configuration panel.



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Presently, there is just one job in the job list. Click the "Create Job" button (at the top of the list)...

The screenshot shows the Qualys Cloud Platform interface for Patch Management. The top navigation bar includes links for DASHBOARD, PATCHES, ASSETS, JOBS (which is currently selected), and CONFIGURATION. On the left, a sidebar displays summary statistics: 1 Total Job, 1 Enabled STATUS, 1 SCHEDULED Daily, and 1 JOB TYPE Install. The main content area is titled 'Jobs' and shows a list of one job. The job details are as follows:

STATUS	NAME	OWNER	SCHEDULE	PATCHES	ASSETS	TAGS
Enabled	Daily Patch Deployment - Windows Install Job	quays2pn1	Daily, 06:00 pm Apr 26, 2021	36	7*	Cloud Agent

At the top of the job list, there are buttons for Actions (0), Create Job (highlighted in blue), and Filters.



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...and select Deployment Job.

The screenshot shows the Qualys Cloud Platform interface for Patch Management. The top navigation bar includes links for DASHBOARD, PATCHES, ASSETS, JOBS (which is underlined in blue), and CONFIGURATION. On the left, a sidebar displays summary statistics: 1 Total Job, 1 Enabled STATUS, 1 Daily SCHEDULED, and 1 Install JOB TYPE. The main content area is titled 'Jobs' and shows a table for Windows patches. A search bar at the top of the table says 'Search for jobs...'. A tooltip message states: '* The final number of patches and assets will be calculated some time before the job starts. [Learn more...](#)'. The table has columns for Actions (0), Create Job (dropdown menu showing Deployment Job, Uninstall Job, and Install Job), Filters (dropdown menu), OWNER (quays2pn1), SCHEDULE (Daily, 06:00 pm, Apr 26, 2021), PATCHES (36), ASSETS (7*), and TAGS (Cloud Agent). The table footer indicates 1-1 of 1.

Actions (0)	Create Job	Filters	OWNER	SCHEDULE	PATCHES	ASSETS	TAGS
	Deployment Job		quays2pn1	Daily, 06:00 pm Apr 26, 2021	36	7*	Cloud Agent



012 - Patch Deployment Job

i We'll give this job a title and description.

Qualys Cloud Platform

← Create: Windows Deployment Job ?

STEPS 1/9

1 Basic Information (selected)

2 Select Assets

3 Select Pre-actions

4 Select Patches

5 Select Post-actions

6 Schedule

7 Options

8 Job Access

9 Confirmation

Basic Information

Create this deployment job by selecting assets and patches to be installed. Also, define the deployment schedule and configure message options you want to display as reminders.

Title for your job *

Description

1000/1000 characters remaining

[Cancel](#) [Next](#)



012 - Patch Deployment Job

With a title and description provided, click **Next**.

Qualys Cloud Platform

← Create: Windows Deployment Job

STEPS 1/9

1 Basic Information

2 Select Assets

3 Select Pre-actions

4 Select Patches

5 Select Post-actions

6 Schedule

7 Options

8 Job Access

9 Confirmation

Basic Information

Create this deployment job by selecting assets and patches to be installed. Also, define the deployment schedule and configure message options you want to display as reminders.

Title for your job *

VMDR Lab Deployment Job

Description

Deploy security patches for VMDR Lab hosts.

957/1000 characters remaining

[Cancel](#) [Next](#)



012 - Patch Deployment Job

i You have the option to add assets by Host Name...

Qualys Cloud Platform

← Create: Windows Deployment Job ?

STEPS 2/9

1 Basic Information
2 Select Assets
3 Select Pre-actions
4 Select Patches
5 Select Post-actions
6 Schedule
7 Options
8 Job Access
9 Confirmation

Select Assets

Select the assets you want this job to deploy patches on.

Include the following assets.

There are no assets selected

[Take me to asset selector](#)

Add Exclusion Assets

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

[Cancel](#) [Previous](#) **Next**



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... or you can add assets using one or more Asset Tags.

Qualys Cloud Platform

← Create: Windows Deployment Job

STEPS 2/9

- 1 Basic Information
- 2 Select Assets
- 3 Select Pre-actions
- 4 Select Patches
- 5 Select Post-actions
- 6 Schedule
- 7 Options
- 8 Job Access
- 9 Confirmation

Select Assets

Select the assets you want this job to deploy patches on.

Include the following assets.

There are no assets selected

[Take me to asset selector](#)

Add Exclusion Assets

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

[Cancel](#) [Previous](#) [Next](#)



012 - Patch Deployment Job

- ⓘ For this example, click the "Select Tags" link (on the right).

Qualys Cloud Platform

← Create: Windows Deployment Job

STEPS 2/9

1 Basic Information
2 Select Assets
3 Select Pre-actions
4 Select Patches
5 Select Post-actions
6 Schedule
7 Options
8 Job Access
9 Confirmation

Select Assets

Select the assets you want this job to deploy patches on.

Include the following assets.

There are no assets selected

[Take me to asset selector](#)

Add Exclusion Assets

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

[Cancel](#) [Previous](#) [Next](#)



012 - Patch Deployment Job

- ⓘ Earlier, you configured assets with the "VMDR Lab" tag to consume patching licenses. Select the check box for the "VMDR Lab" tag...

The screenshot shows the 'Create: Windows Deployment Job' interface in Qualys Cloud Platform. On the left, a vertical navigation bar lists 'STEPS 2/9': 1. Basic Information (step 1), 2. Select Assets (step 2, currently selected), 3. Select Pre-actions, 4. Select Patches, 5. Select Post-actions, 6. Schedule, 7. Options, 8. Job Access, and 9. Confirmation. The main panel is titled 'Select Assets' and displays a list of assets. A modal window titled 'Select Tags' is open, prompting 'Add tags to the selected asset(s)'. It contains a search bar 'Search for Tags...' and a list of tags with checkboxes: Internet Facing Assets, Misc., Network, OCA, OS, Passive Sensor, Unmanaged, VMDR Lab (which has a yellow star icon), and Web App. At the bottom of the modal are 'Cancel' and 'Add Tags' buttons. Below the modal, the main panel shows the message 'There are no tags selected' and a link 'Take me to tag selector'.



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...and click the "Add Tag" button.

The screenshot shows the 'Select Assets' step of a 'Windows Deployment Job' creation process. A modal window titled 'Select Tags' is open, prompting the user to 'Add tags to the selected asset(s)'. The search bar contains 'Search for Tags...'. Below it is a list of tags with checkboxes:

- Default Dashboard Access Tag
- Internet Facing Assets
- > Misc.
- > Network
- OCA
- > OS
- Passive Sensor
- Unmanaged
- VMDR Lab ★
- > Web App

At the bottom of the dialog are 'Cancel' and 'Add Tag (1)' buttons. The main page background shows the 'Select Assets' step with a sidebar of steps 1-9.



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With the "VMDR Lab" tag successfully added, click **Next**.

Qualys Cloud Platform

← Create: Windows Deployment Job

STEPS 2/9

1 Basic Information
2 Select Assets
3 Select Pre-actions
4 Select Patches
5 Select Post-actions
6 Schedule
7 Options
8 Job Access
9 Confirmation

There are no assets selected

Take me to asset selector

Add Exclusion Assets

Include hosts that have Any ▾ of the tags below.

Select Tags

VMDR Lab X

Add Exclusion Asset Tags

Exclude hosts that have Any ▾ of the tags below.

Select Tags

Cancel Previous Next



012 - Patch Deployment Job

- ⓘ The next step provides an opportunity to perform some "Pre-Actions," prior to patching. These Pre-Actions include running a custom PowerShell script or installing software, on the agent host. For now, skip this step and click **Next**.



012 - Patch Deployment Job

← Create: Windows Deployment Job (?)

STEPS 3/9

- 1 Basic Information
- 2 Select Assets
- 3 Select Pre-actions
- 4 Select Patches
- 5 Select Post-actions
- 6 Schedule
- 7 Options
- 8 Job Access
- 9 Confirmation

Select Pre-Actions

Select Pre-Actions that you want to execute on the assets before the job starts.

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By adding this script you agree to the terms and conditions of this disclaimer.

There are no actions selected

[Take me to action selector](#)

[Cancel](#) [Previous](#) [Next](#)



012 - Patch Deployment Job

- ⓘ Patches can be selected manually, or patch selection can be automated using a query.

Qualys Cloud Platform

← Create: Windows Deployment Job

STEPS 4/9

- 1 Basic Information
- 2 Select Assets
- 3 Select Pre-actions
- 4 Select Patches
- 5 Select Post-actions
- 6 Schedule
- 7 Options
- 8 Job Access
- 9 Confirmation

Select Patches

Choose the patches you want to install for the selected assets or create a query to automate the job.

Manual Patch Selection
Select manually from the available list of patches.

Automated Patch Selection
Define QQL to automatically identify patches to remediate current and future vulnerabilities every time the job runs.

There are no patches selected

[Take me to patch selector](#)

[Cancel](#) [Previous](#) [Next](#)



012 - Patch Deployment Job

- ⓘ Click the "Automated Patch Selection" radio button (on the right).

Qualys Cloud Platform

← Create: Windows Deployment Job

STEPS 4/9

- 1 Basic Information
- 2 Select Assets
- 3 Select Pre-actions
- 4 Select Patches
- 5 Select Post-actions
- 6 Schedule
- 7 Options
- 8 Job Access
- 9 Confirmation

Select Patches

Choose the patches you want to install for the selected assets or create a query to automate the job.

Manual Patch Selection
Select manually from the available list of patches.

Automated Patch Selection
Define QQL to automatically identify patches to remediate current and future vulnerabilities every time the job runs.

There are no patches selected

[Take me to patch selector](#)

[Cancel](#) [Previous](#) [Next](#)



012 - Patch Deployment Job

- i The "Automated Patch Selection" option uses a query and the Qualys Query Language (QQL) to select patches for a job.

Qualys Cloud Platform

← Create: Windows Deployment Job ?

STEPS 4/9

1 Basic Information
2 Select Assets
3 Select Pre-actions
4 Select Patches
5 Select Post-actions
6 Schedule
7 Options
8 Job Access
9 Confirmation

Select Patches

Choose the patches you want to install for the selected assets or create a query to automate the job.

Manual Patch Selection
Select manually from the available list of patches.

Automated Patch Selection
Define QQL to automatically identify patches to remediate current and future vulnerabilities every time the job runs.

Patch Search...

Note: For optimum performance, only missing and non-superseded patches that match the QQL criteria will be added to the job.

Cancel Previous Next



012 - Patch Deployment Job

- ⓘ When combined with a recurring schedule, a query (like the one you see here) will continue to select its relevant patches (each time the job runs).

Qualys Cloud Platform

← Create: Windows Deployment Job

STEPS 4/9

- 1 Basic Information
- 2 Select Assets
- 3 Select Pre-actions
- 4 Select Patches
- 5 Select Post-actions
- 6 Schedule
- 7 Options
- 8 Job Access
- 9 Confirmation

Select Patches

Choose the patches you want to install for the selected assets or create a query to automate the job.

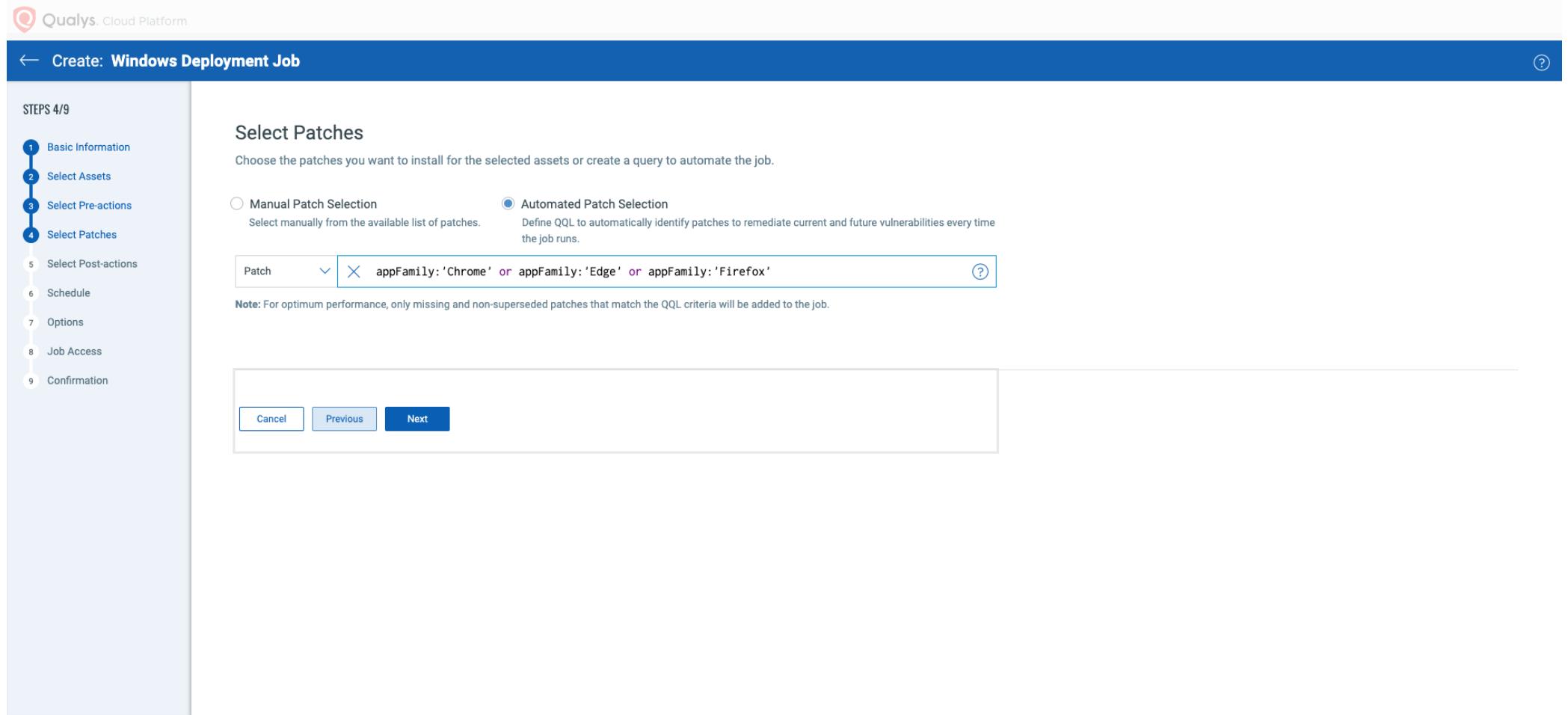
Manual Patch Selection
Select manually from the available list of patches.

Automated Patch Selection
Define QQL to automatically identify patches to remediate current and future vulnerabilities every time the job runs.

Patch ?

Note: For optimum performance, only missing and non-superseded patches that match the QQL criteria will be added to the job.

Cancel Previous Next





012 - Patch Deployment Job

- ⓘ For this tutorial, we will select patches individually. Click the "Manual Patch Selection" radio button (on the left)...

Qualys Cloud Platform

← Create: Windows Deployment Job

STEPS 4/9

- 1 Basic Information
- 2 Select Assets
- 3 Select Pre-actions
- 4 Select Patches
- 5 Select Post-actions
- 6 Schedule
- 7 Options
- 8 Job Access
- 9 Confirmation

Select Patches

Choose the patches you want to install for the selected assets or create a query to automate the job.

Manual Patch Selection
Select manually from the available list of patches.

Automated Patch Selection
Define QQL to automatically identify patches to remediate current and future vulnerabilities every time the job runs.

Patch ?

Note: For optimum performance, only missing and non-superseded patches that match the QQL criteria will be added to the job.

Cancel Previous Next

The screenshot shows the 'Create: Windows Deployment Job' wizard in the Qualys Cloud Platform. The user is currently at Step 4: Select Patches. The 'Automated Patch Selection' radio button is selected, and the search bar displays the QQL query 'Patch appFamily:'Chrome' or appFamily:'Edge' or appFamily:'Firefox''. The sidebar on the left shows the progress: Step 4 of 9 completed. The other steps are listed as follows:

- 1 Basic Information
- 2 Select Assets
- 3 Select Pre-actions
- 4 Select Patches
- 5 Select Post-actions
- 6 Schedule
- 7 Options
- 8 Job Access
- 9 Confirmation



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① ...and click **Take me to patch selector**.

Qualys Cloud Platform

← Create: Windows Deployment Job

STEPS 4/9

- 1 Basic Information
- 2 Select Assets
- 3 Select Pre-actions
- 4 Select Patches
- 5 Select Post-actions
- 6 Schedule
- 7 Options
- 8 Job Access
- 9 Confirmation

Select Patches

Choose the patches you want to install for the selected assets or create a query to automate the job.

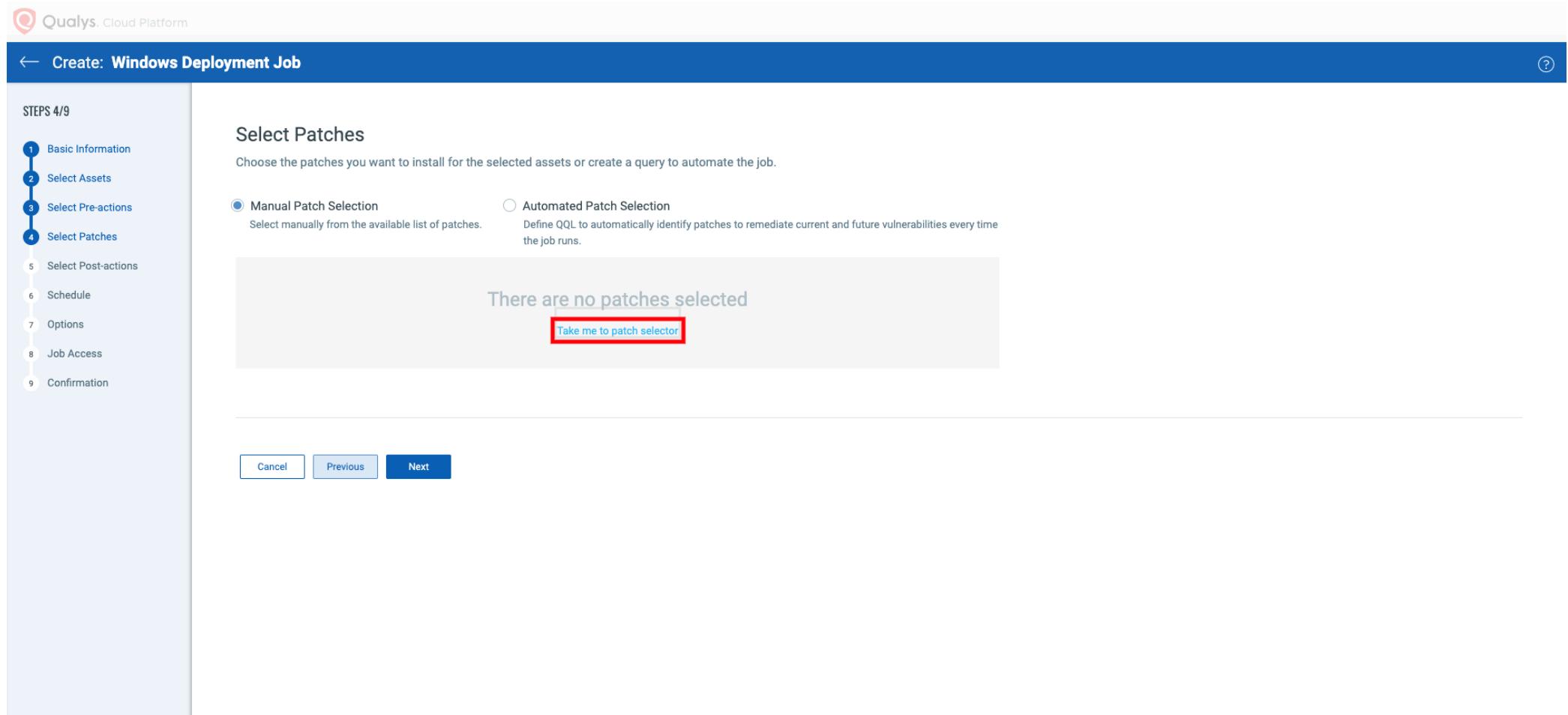
Manual Patch Selection
Select manually from the available list of patches.

Automated Patch Selection
Define QQL to automatically identify patches to remediate current and future vulnerabilities every time the job runs.

There are no patches selected

[Take me to patch selector](#)

Cancel Previous Next





012 - Patch Deployment Job

- ⓘ By default, "Within Scope" patches are displayed. Presently, 64 patches are missing from the assets in this account. Click the "**All**" button (at the top of the patch list) to view all patches in the catalog.

Qualys Cloud Platform

← List: Patch Selector Close

64 Total Patches

Search for patch... ?

Within Scope **All** Add to Job 1 - 50 of 64 [] [] [] []

	PATCH TITLE	PUBLISHED DATE	ARCHIT	BULLETIN	KB	CATEGORY	QID	VENDOR SEVERITY	CVE
SUPERSEDED	Remove specific prevalent malware with Windows Malicious Software Removal Tool (KB890830)	Dec 13, 2021	⌚ X64	MSRT21-12	KB890830	Security Tools	91606	None	-
true	Security Cumulative Update for Windows 10 and Server 2019 Version 1809: December 14, 2021 (KB5008218)	Dec 13, 2021	⌚ X64	MS21-12-W10...	KB5008218	Security Patch...	91772	Critical	CVE-2021-43231
false	Microsoft Edge 96.0.1054.57	Dec 13, 2021	⌚ X64	MEDGE-211214	QMEDGE960...	Security Patch...	372487	Critical	CVE-2021-4100
APP FAMILY	Apache Tomcat 9.0.56.0	Dec 07, 2021	⌚ X86	TOMCAT9-211...	QTOMCAT90...	Security Patch...	86500	None	-
Windows	November 22, 2021-KB5007406 Cumulative Update Preview for .NET Framework 3.5, 4.7.2 and 4.8...	Nov 21, 2021	⌚ X64	MSNS21-11-M...	KB5007290	Non-Security P...	91600	None	-
Java	November 22, 2021-KB5007266 (OS Build 17763.2330) Preview	Nov 21, 2021	⌚ X64	MSNS21-11-W...	KB5007266	Non-Security P...	-	None	-
Tomcat	November 14, 2021 KB5008602(OS Build 17763.2305) Out-of-band	Nov 13, 2021	⌚ X64	MSNS21-11-W...	KB5008602	Non-Security P...	-	None	-
Edge	Remove specific prevalent malware with Windows Malicious Software Removal Tool (KB890830)	Nov 08, 2021	⌚ X64	MSRT21-11	KB890830	Security Tools	91606	None	-
VENDOR	Security Cumulative Update for Windows 10 and Server 2019 Version 1809: November 9, 2021 (KB...	Nov 08, 2021	⌚ X64	MS21-11-W10...	KB5007206	Security Patch...	91772	Critical	CVE-2021-41371
Microsoft	October 19, 2021-KB5006847 Cumulative Update Preview for .NET Framework 3.5, 4.7.2 and 4.8 fo...	Oct 18, 2021	⌚ X64	MSNS21-10-M...	KB5006366	Non-Security P...	91600	None	-
Sun Microsystems									
Apache Software...									
CATEGORY									
Non-Security Pat...									
Security Patches									
Security Tools									
TYPE									
OS									
Application									
VENDOR SEVERITY									



012 - Patch Deployment Job

- ⓘ Presently, over 35,000 patches are available in the Patch Catalog. Click the "Within Scope" button, to return to the list of missing patches.

Qualys Cloud Platform

← List: Patch Selector Close

35K Total Patches

[Within Scope](#) [All](#) [Add to Job](#)

1 - 50 of 35009

	PATCH TITLE	PUBLISHED DATE	ARCHIT	BULLETIN	KB	CATEGORY	QID	VENDOR SEVERITY	CVE
SUPERSEDED	PeaZip 8.4.0	Dec 14, 2021		X64,X...	PZIP-211215	QPZIP840	Security Patch...	370923	
true	27.4K							1 more	
false	7.66K								
APP FAMILY	PeaZip 8.4.0	Dec 14, 2021		X64	PZIP-211215	QPZIP840	Security Patch...	370923	
Windows	14.8K							1 more	
Office	4.97K								
Internet Explorer	1.8K								
Office Viewer	1.68K								
Lync	1.36K								
45 more									
VENDOR	Opera 82.0.4227.33	Dec 13, 2021		X64	OPERA-211214	QOP8204227...	Security Patch...	370990	
Microsoft	25.1K							3 more	
Mozilla Foundati...	1.08K								
Google	727								
Adobe	686								
Opera Software A...	564								
45 more									
CATEGORY	Remove specific prevalent malware with Windows Malicious Software Removal Tool (KB890830)	Dec 13, 2021		X64	MSRT21-12	KB890830	Security Tools	91606	
Security Patches	22.1K								
Non-Security Pat...	12.3K								
Security Tools	389								
Software Distribu...	278								



012 - Patch Deployment Job

 For this Deployment Job, we're targeting "Security Patches."

List: Patch Selector												
64 Total Patches <div style="float: right;"> <input placeholder="Search for patch..." type="text"/> ? </div>												
		Within Scope	All	Add to Job	1 - 50 of 64							Close
PATCH TITLE	PUBLISHED DATE	ARCHIT	BULLETIN	KB	CATEGORY	QID	VENDOR SEVERITY	CVE				
Remove specific prevalent malware with Windows Malicious Software Removal Tool (KB890830)	Dec 13, 2021	⌚ X64	MSRT21-12	KB890830	Security Tools	91606	None	-				
Security Cumulative Update for Windows 10 and Server 2019 Version 1809: December 14, 2021 (KB5008218)	Dec 13, 2021	⌚ X64	MS21-12-W10...	KB5008218	Security Patch...	91772	Critical	CVE-2021-43231	154 more	26 more		
Microsoft Edge 96.0.1054.57	Dec 13, 2021	⌚ X64	MEDGE-211214	QMEDGE960...	Security Patch...	372487	Critical	CVE-2021-4100	147 more	4 more		
Apache Tomcat 9.0.56.0	Dec 07, 2021	⌚ X86	TOMCAT9-211...	QTOMCAT90...	Security Patch...	86500	None	-	5 more			
November 22, 2021-KB5007406 Cumulative Update Preview for .NET Framework 3.5, 4.7.2 and 4.8...	Nov 21, 2021	⌚ X64	MSNS21-11-M...	KB5007290	Non-Security P...	91600	None	-	1 more			
November 22, 2021-KB5007266 (OS Build 17763.2330) Preview	Nov 21, 2021	⌚ X64	MSNS21-11-W...	KB5007266	Non-Security P...	-	None	-				
November 14, 2021 KB5008602(OS Build 17763.2305) Out-of-band	Nov 13, 2021	⌚ X64	MSNS21-11-W...	KB5008602	Non-Security P...	-	None	-				
November 9, 2021-KB5007298 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Wind...	Nov 08, 2021	⌚ X64	MSNS21-11-M...	KB5006366	Non-Security P...	91600	None	-	1 more			
Remove specific prevalent malware with Windows Malicious Software Removal Tool (KB890830)	Nov 08, 2021	⌚ X64	MSRT21-11	KB890830	Security Tools	91606	None	-				
Security Cumulative Update for Windows 10 and Server 2019 Version 1809: November 9, 2021 (KB...	Nov 08, 2021	⌚ X64	MS21-11-W10...	KB5007206	Security Patch...	91772	Critical	CVE-2021-41371	153 more	27 more		
October 19, 2021-KB5006847 Cumulative Update Preview for .NET Framework 3.5, 4.7.2 and 4.8 fo...	Oct 18, 2021	⌚ X64	MSNS21-10-M...	KB5006366	Non-Security P...	91600	None	-				



012 - Patch Deployment Job

From the faceted search pane, click **Security Patches**.

Qualys Cloud Platform

← List: Patch Selector Close

64 Total Patches

Search for patch... ?

Within Scope All Add to Job 1 - 50 of 64

	PATCH TITLE	PUBLISHED DATE	ARCHIT	BULLETIN	KB	CATEGORY	QID	VENDOR SEVERITY	CVE
SUPERSEDED	Remove specific prevalent malware with Windows Malicious Software Removal Tool (KB890830)	Dec 13, 2021	⌚ X64	MSRT21-12	KB890830	Security Tools	91606	None	-
true	56								
false	8								
APP FAMILY	Security Cumulative Update for Windows 10 and Server 2019 Version 1809: December 14, 2021 (K...	Dec 13, 2021	⌚ X64	MS21-12-W10...	KB5008218	Security Patch...	91772	Critical	CVE-2021-43231
Windows	55							154 more	26 more
Java	5								
Tomcat	3								
Edge	1								
VENDOR	Microsoft	56							
Sun Microsystems	5								
Apache Software...	3								
CATEGORY	Non-Security Pat...	33							
Security Patches	29								
Security Tools	2								
TYPE	OS	55							
Application	9								
VENDOR SEVERITY									

Faceted Search:

- SUPERSEDED: true (56), false (8)
- APP FAMILY: Windows (55), Java (5), Tomcat (3), Edge (1)
- VENDOR: Microsoft (56), Sun Microsystems (5), Apache Software... (3)
- CATEGORY: Non-Security Pat... (33), Security Patches (29), Security Tools (2)
- TYPE: OS (55), Application (9)
- VENDOR SEVERITY: None (56), Critical (26)

SEARCH: Search for patch... ?

OPTIONS: Within Scope All Add to Job 1 - 50 of 64

ROWS: 1 - 50 of 64

ITEMS: 64

LAST UPDATED: Dec 13, 2021

ITEMS: 64

LAST UPDATED: Dec 13, 2021

ITEMS: 64

LAST UPDATED: Dec 13, 2021

ITEMS: 64

LAST UPDATED: Dec 07, 2021

ITEMS: 64

LAST UPDATED: Nov 21, 2021

ITEMS: 64

LAST UPDATED: Nov 21, 2021

ITEMS: 64

LAST UPDATED: Nov 13, 2021

ITEMS: 64

LAST UPDATED: Nov 08, 2021

ITEMS: 64

LAST UPDATED: Oct 18, 2021



012 - Patch Deployment Job

- ⓘ The "Search" field is updated and only "Security Patches" are listed. Presently there are twenty-nine. However, not all twenty-nine patches are required to accomplish the task. Only patches that have not been superseded are essential.



012 - Patch Deployment Job

Qualys Cloud Platform

← List: Patch Selector Close

category: 'Security Patches'

29 Total Patches

Within Scope All

1 - 29 of 29 🔍 ⚙️

PATCH TITLE	PUBLISHED DATE	ARCHIT	BULLETIN	KB	CATEGORY	QID	VENDOR SEVERITY	CVE
Security Cumulative Update for Windows 10 and Server 2019 Version 1809: December 14, 2021 (KB5008218)	Dec 13, 2021	∅ X64	MS21-12-W10...	KB5008218	Security Patch...	91772	Critical	CVE-2021-43231 [26 more]
Microsoft Edge 96.0.1054.57	Dec 13, 2021	∅ X64	MEDGE-211214	QMEDGE960...	Security Patch...	372487	Critical	CVE-2021-4100 [4 more]
Apache Tomcat 9.0.56.0	Dec 07, 2021	∅ X86	TOMCAT9-211...	QTOMCAT90...	Security Patch...	86500	None	- [5 more]
Security Cumulative Update for Windows 10 and Server 2019 Version 1809: November 9, 2021 (KB5007206)	Nov 08, 2021	∅ X64	MS21-11-W10...	KB5007206	Security Patch...	91772	Critical	CVE-2021-41371 [27 more]
Java 8 Update 311	Oct 18, 2021	∅ X64	JAVA8-311	QJAVA8U311	Security Patch...	87273	Important	CVE-2021-35559 [13 more]
Security Cumulative Update for Windows 10 and Server 2019 Version 1809: October 12, 2021 (KB5006672)	Oct 11, 2021	∅ X64	MS21-10-W10...	KB5006672	Security Patch...	91772	Critical	CVE-2021-40462 [39 more]
Apache Tomcat 9.0.54.0	Oct 03, 2021	∅ X86	TOMCAT9-211...	QTOMCAT90...	Security Patch...	86500	None	- [5 more]
Security Cumulative Update for Windows 10 and Server 2019 Version 1809: September 14, 2021 (KB5005568)	Sep 13, 2021	∅ X64	MS21-09-W10...	KB5005568	Security Patch...	91772	Critical	CVE-2021-36960 [33 more]
Apache Tomcat 9.0.53.0	Sep 12, 2021	∅ X86	TOMCAT9-210...	QTOMCAT90...	Security Patch...	86500	None	- [5 more]
Security Cumulative Update for Windows 10 and Server 2019 Version 1809: August 10, 2021 (KB5005030)	Aug 09, 2021	∅ X64	MS21-08-W10...	KB5005030	Security Patch...	91772	Critical	CVE-2021-34537 [24 more]



012 - Patch Deployment Job

- From the faceted search pane, click "false" to display patches NOT superseded.

Qualys Cloud Platform

← List: Patch Selector Close

29 Total Patches

category:'Security Patches'

Within Scope All Add to Job 1 - 29 of 29

	PATCH TITLE	PUBLISHED DATE	ARCHIT	BULLETIN	KB	CATEGORY	QID	VENDOR SEVERITY	CVE
SUPERSEDED	Security Cumulative Update for Windows 10 and Server 2019 Version 1809: December 14, 2021 (KB5008218)	Dec 13, 2021	∅ X64	MS21-12-W10...	KB5008218	Security Patch...	91772	Critical	CVE-2021-43231
true	Microsoft Edge 96.0.1054.57	Dec 13, 2021	∅ X64	MEDGE-211214	QMEDGE960...	Security Patch...	372487	Critical	CVE-2021-4100
false	Apache Tomcat 9.0.56.0	Dec 07, 2021	∅ X86	TOMCAT9-211...	QTOMCAT90...	Security Patch...	86500	None	-
	Apache Tomcat 9.0.56.0	Dec 07, 2021	∅ X86	TOMCAT9-211...	QTOMCAT90...	Security Patch...	86500	None	-
	Security Cumulative Update for Windows 10 and Server 2019 Version 1809: November 9, 2021 (KB5007206)	Nov 08, 2021	∅ X64	MS21-11-W10...	KB5007206	Security Patch...	91772	Critical	CVE-2021-41371
	Java 8 Update 311	Oct 18, 2021	∅ X64	JAVA8-311	QJAVA8U311	Security Patch...	87273	Important	CVE-2021-35559
	Security Cumulative Update for Windows 10 and Server 2019 Version 1809: October 12, 2021 (KB5006672)	Oct 11, 2021	∅ X64	MS21-10-W10...	KB5006672	Security Patch...	91772	Critical	CVE-2021-40462
	Apache Tomcat 9.0.54.0	Oct 03, 2021	∅ X86	TOMCAT9-211...	QTOMCAT90...	Security Patch...	86500	None	-
	Apache Tomcat 9.0.54.0	Oct 03, 2021	∅ X86	TOMCAT9-211...	QTOMCAT90...	Security Patch...	86500	None	-
	Security Cumulative Update for Windows 10 and Server 2019 Version 1809: September 14, 2021 (KB5005568)	Sep 13, 2021	∅ X64	MS21-09-W10...	KB5005568	Security Patch...	91772	Critical	CVE-2021-36960
	Apache Tomcat 9.0.53.0	Sep 12, 2021	∅ X86	TOMCAT9-210...	QTOMCAT90...	Security Patch...	86500	None	-
	Security Cumulative Update for Windows 10 and Server 2019 Version 1809: August 10, 2021 (KB5005030)	Aug 09, 2021	∅ X64	MS21-08-W10...	KB5005030	Security Patch...	91772	Critical	CVE-2021-34537

APP FAMILY: Windows 20, Java 5, Tomcat 3, Edge 1
VENDOR: Microsoft 21, Sun Microsystems 5, Apache Software... 3
CATEGORY: Security Patches 29
TYPE: OS 20, Application 9
VENDOR SEVERITY: Critical 20



012 - Patch Deployment Job

- ⓘ Targeting patches NOT superseded, creates more efficient patch jobs. Twenty-nine individual patches have been reduced to four.

Qualys Cloud Platform

← List: Patch Selector Close

4 Total Patches

category:'Security Patches' and isSuperseded:'false'

Within Scope All Add to Job 1 - 4 of 4

	PATCH TITLE	PUBLISHED DATE	ARCHIT	BULLETIN	KB	CATEGORY	QID	VENDOR SEVERITY	CVE
SUPERSEDED	Security Cumulative Update for Windows 10 and Server 2019 Version 1809: December 14, 2021 (K...)	Dec 13, 2021	ⓘ X64	MS21-12-W10...	KB5008218	Security Patch...	91772	Critical	CVE-2021-43231
false	Microsoft Edge 96.0.1054.57	Dec 13, 2021	ⓘ X64	MEDGE-211214	QMEDGE960...	Security Patch...	372487	Critical	CVE-2021-4100
APP FAMILY	Apache Tomcat 9.0.56.0	Dec 07, 2021	ⓘ X86	TOMCAT9-211...	QTOMCAT90...	Security Patch...	86500	None	-
Edge							5 more		
Java							147 more		
Tomcat									
Windows	Java 8 Update 311	Oct 18, 2021	ⓘ X64	JAVA8-311	QJAVA8U311	Security Patch...	87273	Important	CVE-2021-35559
VENDOR							110 more		
Microsoft							13 more		
Apache Software...									
Sun Microsystems									
CATEGORY									
Security Patches									
TYPE									
Application									
OS									
VENDOR SEVERITY									
Critical									
Important									



012 - Patch Deployment Job

- ⓘ Patches labeled with the "Key" icon cannot be downloaded by Qualys Cloud Agent. We'll exclude this patch and select the others.

Qualys Cloud Platform

← List: Patch Selector Close

4 Total Patches

category:'Security Patches' and isSuperseded:'false'

Within Scope All Add to Job 1 - 4 of 4

PATCH TITLE	PUBLISHED DATE	ARCHIT	BULLETIN	KB	CATEGORY	QID	VENDOR SEVERITY	CVE
Security Cumulative Update for Windows 10 and Server 2019 Version 1809: December 14, 2021 (K...)	Dec 13, 2021	ⓘ X64	MS21-12-W10...	KB5008218	Security Patch...	91772	Critical	CVE-2021-43231
Microsoft Edge 96.0.1054.57	Dec 13, 2021	ⓘ X64	MEDGE-211214	QMEDGE960...	Security Patch...	372487	Critical	CVE-2021-4100
Apache Tomcat 9.0.56.0	Dec 07, 2021	ⓘ X86	TOMCAT9-211...	QTOMCAT90...	Security Patch...	86500	None	-
Java 8 Update 311	Oct 18, 2021	ⓘ X64	JAVA8-311	QJAVA8U311	Security Patch...	87273	Important	CVE-2021-35559

SUPERSEDED
false 4

APP FAMILY
Edge 1
Java 1
Tomcat 1
Windows 1

VENDOR
Microsoft 2
Apache Software... 1
Sun Microsystems 1

CATEGORY
Security Patches 4

TYPE
Application 3
OS 1

VENDOR SEVERITY
Critical 2
Important 1

A red box highlights the key icon next to the Java 8 Update 311 patch entry.



012 - Patch Deployment Job

- With the rest of the patches selected, click the "Add to Job" button (at the top of the list).

Qualys Cloud Platform

List: Patch Selector

4 Total Patches

category:'Security Patches' and isSuperseded:'false'

Within Scope All Add to Job (3) 1 - 4 of 4

PATCH TITLE	PUBLISHED DATE	ARCHIT	BULLETIN	KB	CATEGORY	QID	VENDOR SEVERITY	CVE
Security Cumulative Update for Windows 10 and Server 2019 Version 1809: December 14, 2021 (K...)	Dec 13, 2021	ⓘ X64	MS21-12-W10...	KB5008218	Security Patch...	91772	Critical	CVE-2021-43231
Microsoft Edge 96.0.1054.57	Dec 13, 2021	ⓘ X64	MEDGE-211214	QMEDGE960...	Security Patch...	372487	Critical	CVE-2021-4100
Apache Tomcat 9.0.56.0	Dec 07, 2021	ⓘ X86	TOMCAT9-211...	QTOMCAT90...	Security Patch...	86500	None	-
Java 8 Update 311	Oct 18, 2021	ⓘ X64	JAVA8-311	QJAVA8U311	Security Patch...	87273	Important	CVE-2021-35559

SUPERSEDED
false 4

APP FAMILY
Edge 1
Java 1
Tomcat 1
Windows 1

VENDOR
Microsoft 2
Apache Software... 1
Sun Microsystems 1

CATEGORY
Security Patches 4

TYPE
Application 3
OS 1

VENDOR SEVERITY
Critical 2
Important 1

154 more 26 more

147 more 4 more

5 more 13 more

110 more



012 - Patch Deployment Job

- ⓘ Click the "Close" button (in the upper-right corner).

Qualys Cloud Platform

← List: Patch Selector Close

category:'Security Patches' and isSuperseded:'false'

1 Total Patch

Within Scope All Add to Job 1 - 1 of 1

PATCH TITLE	PUBLISHED DATE	ARCHIT	BULLETIN	KB	CATEGORY	QID	VENDOR SEVERITY	CVE
Java 8 Update 311	Oct 18, 2021	X64	QJAVA8U311	Security Patch...	87273	Important	CVE-2021-35559	

SUPERSEDED
false 1

APP FAMILY
Java 1

VENDOR
Sun Microsystems 1

CATEGORY
Security Patches 1

TYPE
Application 1

VENDOR SEVERITY
Important 1

REBOOT REQUIRED
true 1

110 more 13 more



012 - Patch Deployment Job

i To accept your patch selections, click the "Next" button.

Qualys Cloud Platform

← Create: Windows Deployment Job (?)

STEPS 4/9

1 Basic Information
2 Select Assets
3 Select Pre-actions
4 Select Patches
5 Select Post-actions
6 Schedule
7 Options
8 Job Access
9 Confirmation

Select Patches

Choose the patches you want to install for the selected assets or create a query to automate the job.

Manual Patch Selection
Select manually from the available list of patches.

Automated Patch Selection
Define QQL to automatically identify patches to remediate current and future vulnerabilities every time the job runs.

Selected Patches (3) Add Patches

PATCH TITLE	ARCHIT	BULLETIN / KB	Remove All
Security Cumulative Update for Windows 10 and Server 2019 Version 1809: December 14, 2021 (KB5008218)	X64	MS21-12-W10-500... KB5008218	×
Microsoft Edge 96.0.1054.57	X64	MEDGE-211214 QMEDGE9601054...	×
Apache Tomcat 9.0.56.0	X86	TOMCAT9-211208 QTOMCAT90560	×

Cancel Previous Next



012 - Patch Deployment Job

- ⓘ Use the "Post-Action" step to perform clean-up or housekeeping tasks, after patching has completed. Post-Actions include running a custom PowerShell script or installing software, on the agent host. For now, skip this step and click **Next**.



012 - Patch Deployment Job

← Create: Windows Deployment Job (?)

STEPS 5/9

- 1 Basic Information
- 2 Select Assets
- 3 Select Pre-actions
- 4 Select Patches
- 5 Select Post-actions
- 6 Schedule
- 7 Options
- 8 Job Access
- 9 Confirmation

Select Post-Actions

Select Post-Actions that you want to execute on the assets after the job is complete.

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There are no actions selected

[Take me to action selector](#)

[Cancel](#) [Previous](#) [Next](#)



012 - Patch Deployment Job

- ⓘ You can run patch jobs "On Demand" or schedule them for future dates and recurring frequencies.

Qualys Cloud Platform

← Create: Windows Deployment Job

STEPS 6/9

- 1 Basic Information
- 2 Select Assets
- 3 Select Pre-actions
- 4 Select Patches
- 5 Select Post-actions
- 6 Schedule
- 7 Options
- 8 Job Access
- 9 Confirmation

Schedule Deployment

Schedule the deployment job to run on demand or in the future.

On Demand Schedule **On Demand: The deployment job will run once enabled.**

Patch Window

You can configure a patch window to run the deployment job only within a particular time frame.

None Set Duration

Note: Not setting the patch window will allow the cloud agent to take as much time as it needs to complete the job.

Cancel Previous Next



012 - Patch Deployment Job

- ⓘ Under "Patch Window" you can set a duration, or use the "None" option to give Cloud Agent unlimited time, to start and complete the job.

Qualys Cloud Platform

← Create: Windows Deployment Job

STEPS 6/9

- 1 Basic Information
- 2 Select Assets
- 3 Select Pre-actions
- 4 Select Patches
- 5 Select Post-actions
- 6 Schedule
- 7 Options
- 8 Job Access
- 9 Confirmation

Schedule Deployment

Schedule the deployment job to run on demand or in the future.

On Demand Schedule On Demand: The deployment job will run once enabled.

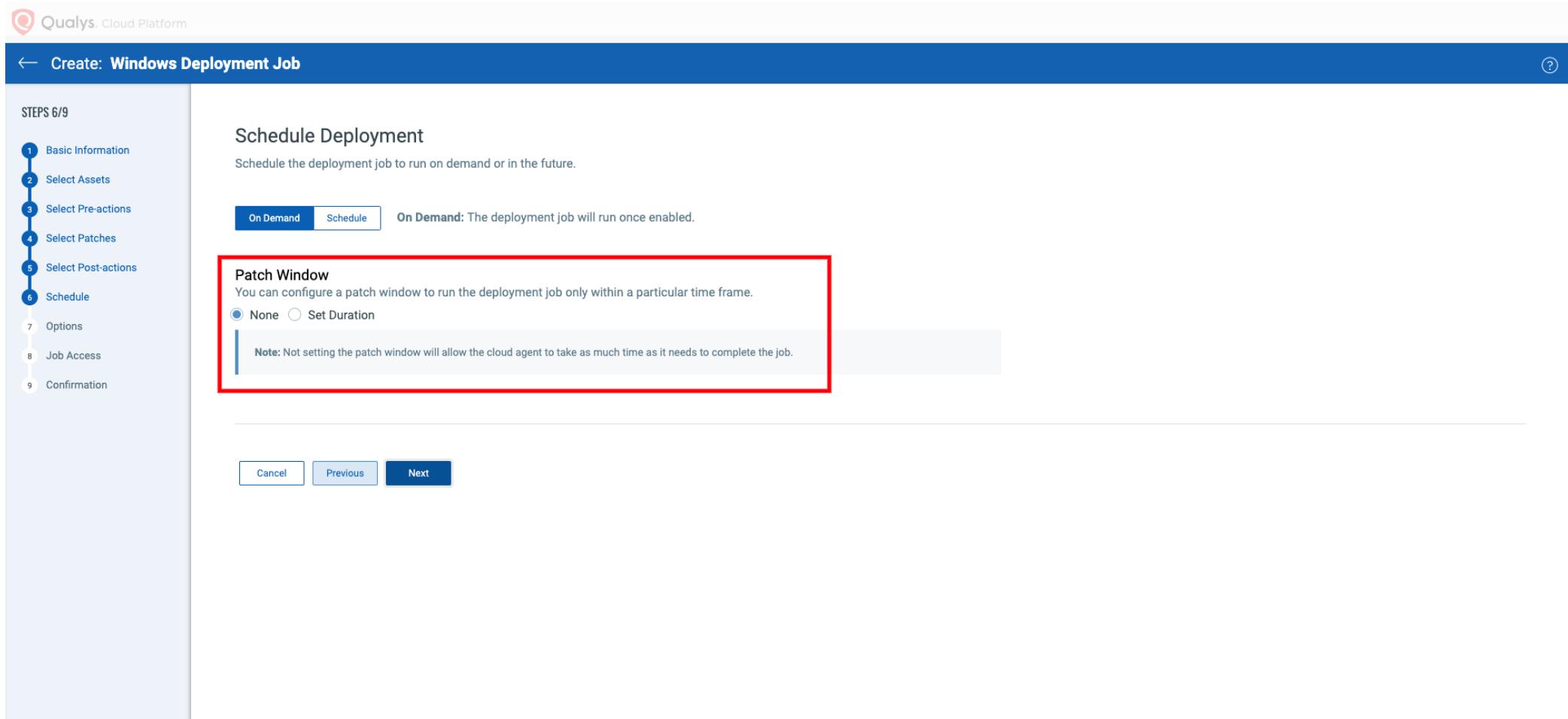
Patch Window

You can configure a patch window to run the deployment job only within a particular time frame.

None Set Duration

Note: Not setting the patch window will allow the cloud agent to take as much time as it needs to complete the job.

Cancel Previous Next





012 - Patch Deployment Job

- ⓘ For now, leave the default settings and click **Next**.

Qualys Cloud Platform

← Create: Windows Deployment Job

STEPS 6/9

- 1 Basic Information
- 2 Select Assets
- 3 Select Pre-actions
- 4 Select Patches
- 5 Select Post-actions
- 6 Schedule
- 7 Options
- 8 Job Access
- 9 Confirmation

Schedule Deployment
Schedule the deployment job to run on demand or in the future.

On Demand Schedule **On Demand:** The deployment job will run once enabled.

Patch Window
You can configure a patch window to run the deployment job only within a particular time frame.

None Set Duration

Note: Not setting the patch window will allow the cloud agent to take as much time as it needs to complete the job.

Cancel Previous Next



012 - Patch Deployment Job

- ⓘ You can use "Deployment and Reboot Communication Options" to send patching messages to "logged-in" users.

Qualys Cloud Platform

← Create: Windows Deployment Job

STEPS 7/9

- 1 Basic Information
- 2 Select Assets
- 3 Select Pre-actions
- 4 Select Patches
- 5 Select Post-actions
- 6 Schedule
- 7 Options
- 8 Job Access
- 9 Confirmation

Deployment and Reboot Communication Options

Define user (recipient) patch deployment communication and reboot warning messages to encourage and educate the user about patch installment 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)

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

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

Reboot messages

SUPPRESS REBOOT
Asset reboot is suppressed and users are not prompted for reboot post patch installation.

REBOOT REQUEST
Show a message to users indicating that a reboot is required.
(If no user is logged in, the reboot will start immediately after patch deployment)

REBOOT COUNTDOWN
Show countdown message to users after deferment limit is reached.



012 - Patch Deployment Job

- ⓘ Deployment messages communicate when patching is about to begin, when patching is in progress, and when patching has completed. We'll now scroll down to view the rest of the page.

Qualys Cloud Platform

← Create: Windows Deployment Job

STEPS 7/9

- 1 Basic Information
- 2 Select Assets
- 3 Select Pre-actions
- 4 Select Patches
- 5 Select Post-actions
- 6 Schedule
- 7 Options
- 8 Job Access
- 9 Confirmation

Deployment and Reboot Communication Options

Define user (recipient) patch deployment communication and reboot warning messages to encourage and educate the user about patch installment 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)

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

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

Reboot messages

Suppress Reboot
Asset reboot is suppressed and users are not prompted for reboot post patch installation.

Reboot Request
Show a message to users indicating that a reboot is required.
(If no user is logged in, the reboot will start immediately after patch deployment)

Reboot Countdown
Show countdown message to users after deferment limit is reached.



012 - Patch Deployment Job

- Under "Reboot messages" you can suppress reboots, altogether. You can communicate "Reboot Requests" to logged-in users and display a "Reboot Countdown" message.

Qualys Cloud Platform

← Create: Windows Deployment Job

STEPS 7/9

- 1 Basic Information
- 2 Select Assets
- 3 Select Pre-actions
- 4 Select Patches
- 5 Select Post-actions
- 6 Schedule
- 7 Options
- 8 Job Access
- 9 Confirmation

Reboot messages

Suppress Reboot
Asset reboot is suppressed and users are not prompted for reboot post patch installation.
 OFF

Reboot Request
Show a message to users indicating that a reboot is required.
(If no user is logged in, the reboot will start immediately after patch deployment)
 OFF

Reboot Countdown
Show countdown message to users after deferment limit is reached.
 OFF

Additional Job Settings

Enable opportunistic patch download
The agent attempts to download patches before a scheduled job runs.
 OFF

Minimize job progress window
Allow end-users to minimize message windows.
 OFF

Cancel Previous Next



012 - Patch Deployment Job

- i** The option to "Enable opportunistic patch download," will attempt to download patches, before a "scheduled" job begins to run, thereby saving time.

Qualys Cloud Platform

← Create: Windows Deployment Job

STEPS 7/9

- 1 Basic Information
- 2 Select Assets
- 3 Select Pre-actions
- 4 Select Patches
- 5 Select Post-actions
- 6 Schedule
- 7 Options
- 8 Job Access
- 9 Confirmation

Reboot messages

Suppress Reboot
Asset reboot is suppressed and users are not prompted for reboot post patch installation.
 OFF

Reboot Request
Show a message to users indicating that a reboot is required.
(If no user is logged in, the reboot will start immediately after patch deployment)
 OFF

Reboot Countdown
Show countdown message to users after deferment limit is reached.
 OFF

Additional Job Settings

Enable opportunistic patch download
The agent attempts to download patches before a scheduled job runs.
 OFF

Minimize job progress window
Allow end-users to minimize message windows.
 OFF

Cancel Previous Next



012 - Patch Deployment Job

- ⓘ You can also provide logged-in users the option to minimize the "pop-up" messages generated by active patch jobs.

Qualys Cloud Platform

← Create: Windows Deployment Job

STEPS 7/9

- 1 Basic Information
- 2 Select Assets
- 3 Select Pre-actions
- 4 Select Patches
- 5 Select Post-actions
- 6 Schedule
- 7 Options
- 8 Job Access
- 9 Confirmation

Reboot messages

Suppress Reboot
Asset reboot is suppressed and users are not prompted for reboot post patch installation.
 OFF

Reboot Request
Show a message to users indicating that a reboot is required.
(If no user is logged in, the reboot will start immediately after patch deployment)
 OFF

Reboot Countdown
Show countdown message to users after deferment limit is reached.
 OFF

Additional Job Settings

Enable opportunistic patch download
The agent attempts to download patches before a scheduled job runs.
 OFF

Minimize job progress window
Allow end-users to minimize message windows.
 OFF

Cancel Previous Next



012 - Patch Deployment Job

- ⓘ Click to move the "Minimize job progress window" toggle-switch, to the "ON" position.

Qualys Cloud Platform

← Create: Windows Deployment Job

STEPS 7/9

- 1 Basic Information
- 2 Select Assets
- 3 Select Pre-actions
- 4 Select Patches
- 5 Select Post-actions
- 6 Schedule
- 7 Options
- 8 Job Access
- 9 Confirmation

Reboot messages

Suppress Reboot
Asset reboot is suppressed and users are not prompted for reboot post patch installation.
 OFF

Reboot Request
Show a message to users indicating that a reboot is required.
(If no user is logged in, the reboot will start immediately after patch deployment)
 OFF

Reboot Countdown
Show countdown message to users after deferment limit is reached.
 OFF

Additional Job Settings

Enable opportunistic patch download
The agent attempts to download patches before a scheduled job runs.
 OFF

Minimize job progress window
Allow end-users to minimize message windows.
 OFF

Cancel Previous Next



012 - Patch Deployment Job

i Click **Next** to continue.

Qualys Cloud Platform

← Create: Windows Deployment Job ?

STEPS 7/9

- 1 Basic Information
- 2 Select Assets
- 3 Select Pre-actions
- 4 Select Patches
- 5 Select Post-actions
- 6 Schedule
- 7 Options
- 8 Job Access
- 9 Confirmation

Reboot messages

Suppress Reboot
Asset reboot is suppressed and users are not prompted for reboot post patch installation. OFF

Reboot Request
Show a message to users indicating that a reboot is required.
(If no user is logged in, the reboot will start immediately after patch deployment) OFF

Reboot Countdown
Show countdown message to users after deferment limit is reached. OFF

Additional Job Settings

Enable opportunistic patch download
The agent attempts to download patches before a scheduled job runs. OFF

Minimize job progress window
Allow end-users to minimize message windows. ON

Cancel Previous Next



012 - Patch Deployment Job

- ⓘ Other users can be selected to edit this job. For now, leave the "Selected Users" field empty and click **Next**.

Qualys Cloud Platform

← Create: Windows Deployment Job

STEPS 8/9

- 1 Basic Information
- 2 Select Assets
- 3 Select Pre-actions
- 4 Select Patches
- 5 Select Post-actions
- 6 Schedule
- 7 Options
- 8 Job Access
- 9 Confirmation

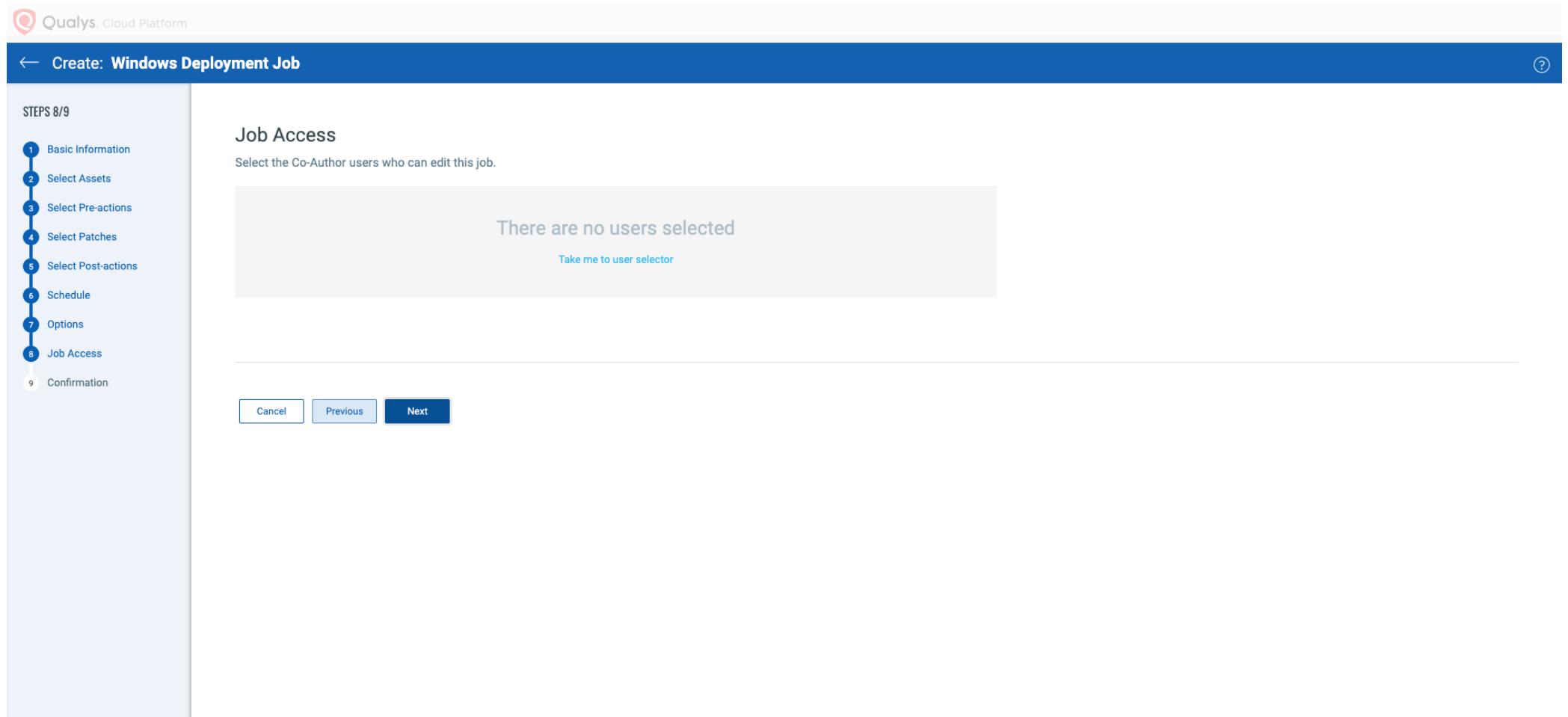
Job Access

Select the Co-Author users who can edit this job.

There are no users selected

[Take me to user selector](#)

[Cancel](#) [Previous](#) [Next](#)





012 - Patch Deployment Job

- ⓘ Validate and confirm all of your deployment job options and settings in the final step. "Edit" links are available, if you need to make any adjustments. We'll now scroll down to the bottom of the page.

Qualys Cloud Platform

← Create: Windows Deployment Job

STEPS 9/9

- 1 Basic Information
- 2 Select Assets
- 3 Select Pre-actions
- 4 Select Patches
- 5 Select Post-actions
- 6 Schedule
- 7 Options
- 8 Job Access
- 9 Confirmation

Confirmation

You're all done! Review your selections and click Save. This deployment job will be created and added to your deployment jobs list.

Basic Information and Schedule [Edit](#)

JOB TITLE:	VMDR Lab Deployment Job
DESCRIPTION:	Deploy security patches for VMDR Lab hosts.
JOB TYPE:	Install
SCHEDULE TYPE:	On-Demand
PATCH WINDOW:	None

Selected Assets [Edit](#)

Include All Assets (0)

No assets selected

Exclude All Assets (0)

No assets selected

Include Any of the Asset Tags (1)

VMDR Lab



012 - Patch Deployment Job

- ⓘ Click the "Save" button...

Qualys Cloud Platform

← Create: Windows Deployment Job

STEPS 9/9

- 1 Basic Information
- 2 Select Assets
- 3 Select Pre-actions
- 4 Select Patches
- 5 Select Post-actions
- 6 Schedule
- 7 Options
- 8 Job Access
- 9 Confirmation

Message Options [Edit](#)

No options defined

Additional Job Settings [Edit](#)

Enable opportunistic patch download: No

Minimize job progress window: Yes

Selected Users [Edit](#)

Co-Author users (0) who can edit this job.

No users selected

[Cancel](#) [Previous](#) [Save](#) [▼](#)



012 - Patch Deployment Job

ⓘ ...and select Save & Enable.

The screenshot shows the 'Create: Windows Deployment Job' interface in the Qualys Cloud Platform. The left sidebar lists 'STEPS 9/9' with numbered steps from 1 to 9: Basic Information, Select Assets, Select Pre-actions, Select Patches, Select Post-actions, Schedule, Options, Job Access, and Confirmation. Step 7 ('Options') is currently selected. The main content area includes sections for 'Message Options' (No options defined), 'Additional Job Settings' (Enable opportunistic patch download: No, Minimize job progress window: Yes), and 'Selected Users' (Co-Author users (0) who can edit this job, No users selected). At the bottom right, there is a button group with 'Cancel', 'Previous', 'Save' (highlighted in blue), and a dropdown menu. Below the dropdown is a secondary row with 'Save & Enable' (highlighted in red) and 'Save'.



012 - Patch Deployment Job

- ⓘ The VMDR Lab Deployment Job has been successfully created and is seen here at the top of the jobs list.

Qualys Cloud Platform

Patch Management ▾ DASHBOARD PATCHES ASSETS JOBS CONFIGURATION

Jobs Windows Linux

Search for jobs... ⓘ * The final number of patches and assets will be calculated some time before the job starts. Learn more...

2 Total Jobs

Actions (0) Create Job Filters 1 - 2 of 2 ⌂ ⌃ ⌄ ⌅

STATUS	NAME	OWNER ↓	SCHEDULE	PATCHES	ASSETS	TAGS
Enabled	Completed VMDR Lab Deployment Job Install Job	quays2pn1 Dec 16, 2021	On-Demand	3	2	VMDR Lab
SCHEDULED	Enabled Daily Patch Deployment - Windows Install Job	quays2pn1 Apr 26, 2021	Daily, 12:00 am	0	3*	Cloud Agent
JOB TYPE	Install					



012 - Patch Deployment Job

Click to open its "Quick Actions" menu...

The screenshot shows the Qualys Cloud Platform interface for Patch Management. The top navigation bar includes links for DASHBOARD, PATCHES, ASSETS, JOBS (which is selected), and CONFIGURATION. The left sidebar displays summary statistics: 2 Total Jobs, categorized by STATUS (Enabled: 2, SCHEDULED: Daily 1, On-demand 1) and JOB TYPE (Install 2). The main content area is titled 'Jobs' and shows two entries:

STATUS	NAME	OWNER	SCHEDULE	PATCHES	ASSETS	TAGS
Completed	VMDR Lab Deployment Job Install Job	quays2pn1 Dec 16, 2021	On-Demand	3	2	VMDR Lab
Enabled	Daily Patch Deployment - Windows Install Job	quays2pn1 Apr 26, 2021	Daily, 12:00 am	0	3*	Cloud Agent

A red box highlights the dropdown arrow next to the owner name 'quays2pn1' for the first job, indicating where to click to open the Quick Actions menu.



012 - Patch Deployment Job

...and select View Progress.

The screenshot shows the Qualys Cloud Platform interface for Patch Management. On the left, a sidebar displays job statistics: 2 Total Jobs, 2 Enabled, 1 Daily Scheduled, 1 On-demand, and 2 Install Job types. The main area shows a table of jobs. The first job, 'VMDR Lab Deployment Job', is completed. The second job, 'Daily Patch Deployment - Windows', is enabled and scheduled daily at 12:00 am. A context menu is open over this second job, with 'View Progress' highlighted. The table columns include STATUS, NAME, OWNER, SCHEDULE, PATCHES, ASSETS, and TAGS. The 'View Progress' button in the menu is highlighted with a red box.

Jobs		Windows	Linux	Search for jobs...				Actions (1) Create Job Filters			1 - 2 of 2	Export	Import	Refresh	Settings		
						* The final number of patches and assets will be calculated some time before the job starts. Learn more...											
STATUS		STATUS	NAME	OWNER ↓		SCHEDULE	PATCHES	ASSETS	TAGS								
Enabled		Completed	VMDR Lab Deployment Job Install Job	quays2pn1	Dec 16, 2021	On-Demand	3	2	VMDR Lab								
SCHEDULED		Enabled	Daily Patch Deployment - Windows Install Job	quays2pn1	Apr 26, 2021	Daily, 12:00 am	0	3*	Cloud Agent								



012 - Patch Deployment Job

- ⓘ Qualys Agents will begin deploying patches, when they check-in and receive the job. Presently, the host on top is Pending, while the one below is actively Patching. Return to this page later, to continue to monitor job progress.



012 - Patch Deployment Job

Qualys Cloud Platform

← Job Progress : VMDR Lab Deployment Job

2 Total Assets

Search for jobs result... ?

1 - 2 of 2 ⏪ ⏩ ⏴ ⏵ ⚙

STATUS	ASSET NAME	JOB SENT ON	OS	PATCHES		ACTIONS			
				INSTALLED	FAILED	SKIPPED	SUCCEEDED	FAILED	
Patching	WS2019-EJUF25M From Dec 16, 2021 02:43 am Last agent checked-in on Dec 15,...	Dec 16, 20...	Microsoft Windows Server 2019 Datacenter 10.0.17763 64-bit N/...	-	-	-	-	-	-
Pending	WS2019-VL5OD6A On Dec 16, 2021 03:07 am Last agent checked-in on Dec 15,...	Dec 16, 20...	Microsoft Windows Server 2019 Datacenter 10.0.17763 64-bit N/...	-	0	0	0	-	-



012 - Patch Deployment Job

- ⓘ This concludes the "Patch Deployment Job" tutorial. You may close this window and return to the Lab Tutorial Supplement.

Qualys Cloud Platform

← Job Progress : VMDR Lab Deployment Job

2 Total Assets

Search for jobs result...

1 - 2 of 2

		PATCHES						ACTIONS	
STATUS	ASSET NAME	JOB SENT ON	OS	LAST USER	INSTALLED	FAILED	SKIPPED	SUCCEEDED	FAILED
Patching Pending	WS2019-EJUF25M	Dec 16, 2021 02:43 am From Dec 16, 2021 02:43 am Last agent checked-in on Dec 15,...	Microsoft Windows Server 2019 Datacenter 10.0.17763 64-bit N/...	-	-	-	-	-	-
Patching Pending	WS2019-VL5OD6A	Dec 16, 2021 03:07 am On Dec 16, 2021 03:07 am Last agent checked-in on Dec 15,...	Microsoft Windows Server 2019 Datacenter 10.0.17763 64-bit N/...	-	0	0	0	-	-



012 - Patch Deployment Job



Scan to go to the interactive player