



# Qualys Patch Management

## Release Notes

Version 1.5.3

October 4, 2021

Here's what's new in Patch Management 1.5.3!

[Add Pre-Actions and Post Actions to a Windows Deployment Job](#)

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**Qualys 1.5.3 brings you more improvements and updates!**

# Add Pre-Actions and Post Actions to a Windows Deployment Job

You can add 5 pre and post actions that you want to execute on the assets for the Windows deployment job type. You can run scripts or install software on assets before or after the patches are installed using actions. You can add actions to determine the software version, install the software before the latest patch can be applied, and so on. This feature is only supported with Windows Cloud Agent version 4.6.1.6 and later.

You can add two types of actions:

- Pre-Action: Action that you want to execute before the job starts.
- Post-Action: Action that you want to execute after the job is complete.

**Note:** To disable this feature at a subscription level, contact Qualys customer support. To add a pre-action, navigate to **Jobs > Windows > Create Job > Deployment Job**

The screenshot shows the 'Create: Windows Deployment Job' interface. On the left, a sidebar lists steps 1 through 9: 1 Basic Information, 2 Select Assets, 3 Select Pre-actions (highlighted), 4 Select Patches, 5 Select Post-actions, 6 Schedule, 7 Options, 8 Job Access, and 9 Confirmation. The main content area is titled 'Select Pre-Actions' and includes a disclaimer for utility. Below the disclaimer, there is a table of 'Selected Actions (1)' with one entry: 'Run Script' with script name 'Install Notepad ++'. There are 'Add Actions' and 'Remove All' buttons.

**DISCLAIMER FOR UTILITY**

This utility is provided on an "As is" basis, without warranty of any kind, express or implied including but not limited to, false positives, or damages caused by the use of this utility.

Qualys encourages customers to do their own research, seek out expert opinion, and test the same in an appropriate environment prior to any production implementation.

In no event shall Qualys be liable for any direct, indirect, incidental, special, exemplary or consequential damages (including, but not limited to, loss of use, data, or profits; or business interruptions) however caused and on any theory of liability, whether in contract, strict liability or tort (including negligence or otherwise) arising in any way out of the use of this utility, even if advised of the possibility of such damage. The foregoing disclaimer will not apply to the extent prohibited by law.

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

ORDER	ACTIONS
1	<b>Run Script</b> Script name: Install Notepad ++

For more information, see the About Pre-Actions and Post-Actions topic in the online help.

## Schedule Jobs for Patch Tuesday

A few software companies release security and non-security patches for Windows assets every second Tuesday of a month. You can set a recurring job to ensure these patches are installed automatically. Patch Management automatically deploys the patches released on Patch Tuesday based on the schedule you set.

We recommend that you create a query to install the patches released on Patch Tuesdays. For more information, see [Using QQL to Automate Patch Selection for Windows Assets](#).

- Patch Tuesday schedule is only available for Windows deployment jobs.
- The job type must be recurring, and the repetition must be set as Monthly.
- You can set the schedule as Patch Tuesday +1 to +6 days.
- The patches are published by the end of Tuesday, Hawaii Standard Time. We recommend setting the job schedule after Patch Tuesday + 1 day (Wednesday after Patch Tuesday) noon UTC time zone to ensure that all new Patch Tuesday patches are available to install.

To schedule a job for Patch Tuesday, create a Windows deployment job and set the schedule as Patch Tuesday:

The screenshot shows the 'Create: Windows Deployment Job' interface, specifically the 'Schedule Deployment' step. The interface is divided into a left sidebar with a progress indicator for steps 1 through 9, and a main content area. The main content area has a blue header with a back arrow and the text 'Create: Windows Deployment Job'. Below the header, the title 'Schedule Deployment' is followed by the instruction 'Schedule the deployment job to run on demand or in the future.' There are two tabs: 'On Demand' and 'Schedule', with 'Schedule' being the active tab. Below the tabs, the text 'Schedule: Schedule the deployment job to run at a set time.' is displayed. The 'START DATE' is set to '09/16/2021' and the 'START TIME' is '3:06 pm'. A 'Recurring Job' checkbox is checked. The 'REPEATS' dropdown is set to 'Monthly'. The 'ON' dropdown is set to 'Patch Tuesday', which is highlighted with a red box. Below this, a tooltip with an information icon states: 'The patches are published by the end of Tuesday, Hawaii Standard Time. We recommend setting the job schedule after Patch Tuesday + 1 day (Wednesday after Patch Tuesday) noon UTC time zone to ensure that all new Patch Tuesday patches are available to install.' The 'START DAY' dropdown is set to '+1' and the 'START TIME' is '3:06 pm'. A 'By default, use the current time zone. Set timezone' link is visible. At the bottom, there is a 'Patch Tuesday' section with a 'You can set the job to run the deployment job only within a particular time frame.' link.

## Schedule Jobs to Run on the Last Day of a Month

You can select the Last Day option for monthly recurring jobs to schedule the job to run on the last day of the month. This ensures that the job runs on the last day, whether the month has 28, 29, 30, or 31 days.

← 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.

**Schedule:** Schedule the deployment job to run at a set time.

START DATE: 09/30/2021

START TIME: 3:33 pm

Recurring Job

REPEATS \*  
Monthly

ON \*  
 Date  Day of the Week  Patch Tuesday

RECURRENT DATE \*  
Last Day of the month at 3:33 pm