



# Qualys Patch Management

## Release Notes

Version 1.5

April 30, 2021

Here's what's new in Patch Management 1.5!

### **Deploy Patch Jobs on Linux Assets**

## Deploy Patch Jobs on Linux Assets

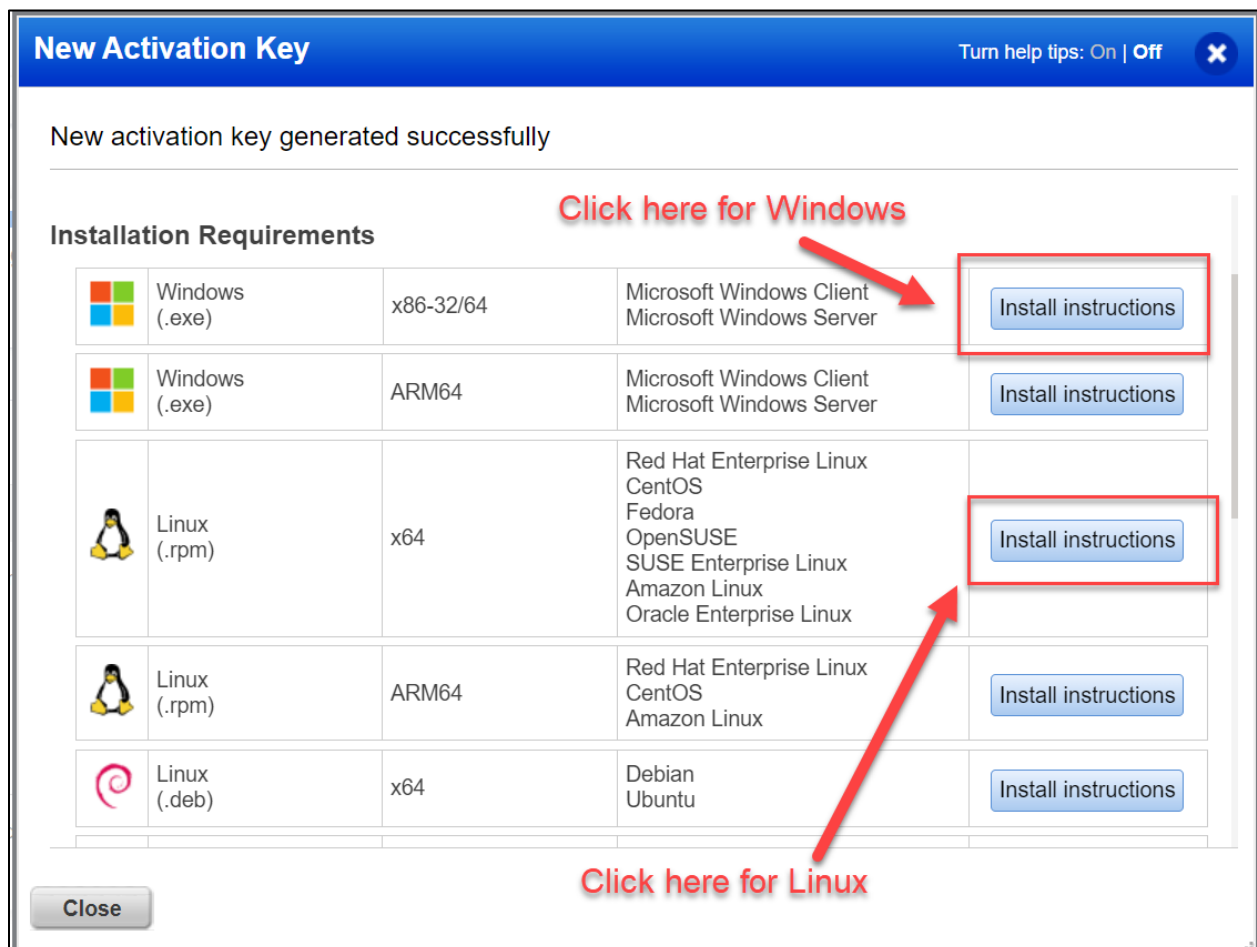
You can now deploy security patch jobs on Linux assets for RHEL version 6 and 7. You can use a single job to deploy a single patch on multiple assets, multiple patches on a single asset, and multiple patches on multiple assets. You cannot target Windows and Linux assets in a single job.

Currently, you cannot deploy uninstall jobs for Linux assets. Ensure that the patches that you want to install are available in the agent-side repository during the job schedule. While creating a Linux deployment job, if you select an asset tag that includes Windows and Linux assets, only Linux assets will be added for the job.

The patches that are applicable only for a specific OS package will be skipped if included for another OS package.

## Installing Cloud Agents for Linux Assets

Ensure that you download Linux Cloud Agent and install on each of your Linux assets. For detailed instructions, see the Online Help.



The screenshot shows a 'New Activation Key' dialog box with a blue header. Below the header, it states 'New activation key generated successfully'. The main content is titled 'Installation Requirements' and contains a table with five rows. Each row represents a different operating system and architecture combination, with an 'Install instructions' button to its right. Red arrows and text annotations highlight the 'Install instructions' buttons for Windows and Linux.

OS/Architecture	Supported OSes	Action
Windows (.exe) x86-32/64	Microsoft Windows Client, Microsoft Windows Server	Install instructions
Windows (.exe) ARM64	Microsoft Windows Client, Microsoft Windows Server	Install instructions
Linux (.rpm) x64	Red Hat Enterprise Linux, CentOS, Fedora, OpenSUSE, SUSE Enterprise Linux, Amazon Linux, Oracle Enterprise Linux	Install instructions
Linux (.rpm) ARM64	Red Hat Enterprise Linux, CentOS, Amazon Linux	Install instructions
Linux (.deb) x64	Debian, Ubuntu	Install instructions

Annotations in the image include: 'Click here for Windows' with an arrow pointing to the first 'Install instructions' button, and 'Click here for Linux' with an arrow pointing to the third 'Install instructions' button. A 'Close' button is located at the bottom left of the dialog.

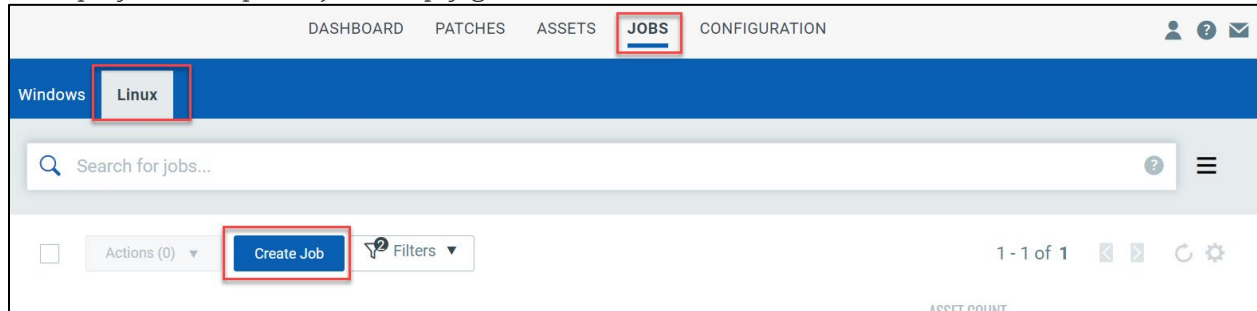
To enable patch installation on Linux assets, ensure the following:

- Supported YUM file version 3.2.29 or later.
- YUM file must be configured with `debugloglevel >= 2`. The default is 2.

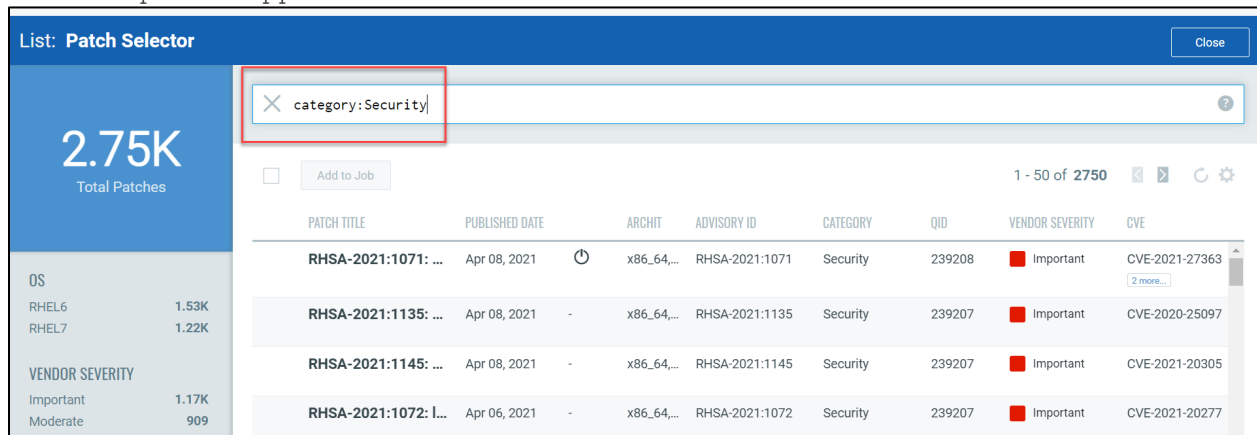
- (Optional) The YUM file is configured with correct proxy settings.
- The endpoint is subscribed for active Red Hat subscriptions.
- The Agent must be running with root user or as sudo user. You can configure users by using the Agent configuration tool.

## Deploying Patch Job for Linux Assets

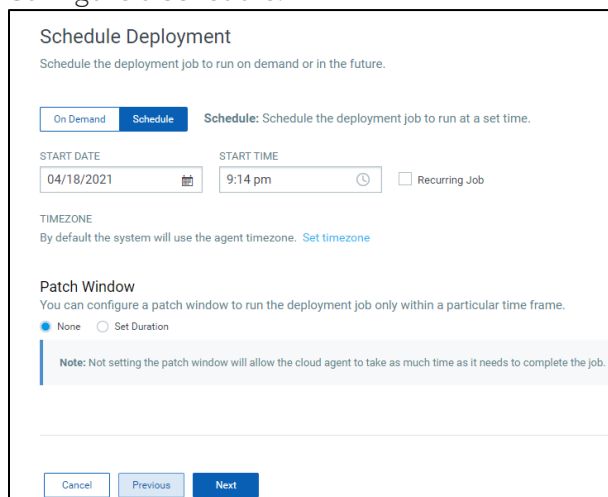
To deploy a Linux patch job, simply go to **Jobs > Linux > Create Job**.



Select the patches applicable for Linux assets:



Configure a schedule:



Select the Reboot settings:

### 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.

#### Reboot messages

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

#### Additional Job Settings

**Continue patching even after a package fails to install for a patch** OFF  
Enabling this setting ensures that if one of the packages for the patch fails to install, installation of other packages is attempted.

Cancel Previous Next

Save or Save & Enable the job.

### ← Create: Uninstall Job ?

STEPS 7/7

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

#### Additional Job Settings [Edit](#)

Enable opportunistic patch download:	Yes
Minimize job progress window:	Yes

#### Selected Users [Edit](#)

Co-Author users (1) who can edit this job.

FIRST NAME	LAST NAME	USERNAME	EMAIL

Cancel Previous Save ▼

Save & Enable  
Save