

Endpoint Manager lets you manage OS updates and patches for 3rd party apps on Windows devices.

- This topic explains how to review and manage the patches of an individual device.
- Alternatively, you can manage all patches for all devices at 'Applications' > 'Patch Management'.

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View device patches

- Login to ITarian
- Click 'Applications' > 'Endpoint Manager'
- Click 'Devices' > 'Device List' > 'Device Management'
 - Select a company or group to view only their devices
- OR
- Select 'Show all' to view every device enrolled to Endpoint Manager
- Click the Windows device you want to check
- Click the 'Patch Management' tab

There are two sub-tabs – 'Operating Systems' and 'Third Party Applications'

The screenshot shows the ITarian interface for a device named 'win7x64-PC' owned by 'abevz'. The top navigation bar includes icons for Manage Profiles, Remote Control, File Transfer, Remote Tools (marked BETA), Run Procedure, Install or Manage Packages, Refresh Device Information, Reboot, Export Security Configuration, Delete Device, and Owner. Below this, a secondary navigation bar contains links for Profiles, Software Inventory, File List, Exported Configurations, MSI Installation State, Communication, Commands Queue, Patch Management (highlighted with a red circle), Antivirus, Groups, and Logs. Underneath, there are two sub-tabs: 'Operating System' (highlighted with a red box) and 'Third Party Applications'. A green status bar indicates 'Last OS Patches Scan date: 2020/03/12 12:54:06 PM | Status: Success'. Below this, there are three action buttons: 'Install Patch(es)', 'Uninstall Patch(es)', and 'Check Available Updates'. The main content area is a table with columns: TITLE, KB, CVE, BULLETIN, CLASSIFICATION, SEVERITY, REBOOT, RELEASE DATE, and STATUS. The table lists several updates for Windows 7, including Servicing Stack Updates and Security Updates.

<input type="checkbox"/>	TITLE	KB	CVE	BULLETIN	CLASSIFICATION	SEVERITY	REBOOT	RELEASE DATE	STATUS
<input type="checkbox"/>	2019-03 Servicing Stack Update for Windows 7 for x64-based Systems (KB4490628)	4490628			Security Update	Critical	No	2019/03/12	Available
<input type="checkbox"/>	2019-08 Security Update for Windows 7 for x64-based Systems (KB4474419)	4474419			Security Update	Critical	Maybe	2019/08/13	Installed
<input type="checkbox"/>	2019-09 Security Monthly Quality Rollup for Windows 7 for x64-based Systems (KB4516065)	4516065			Security Update	Critical	Maybe	2019/09/10	Available
<input type="checkbox"/>	2019-09 Security Update for Windows 7 for x64-based Systems (KB4474419)	4474419			Security Update	Critical	Maybe	2019/09/10	Available

OS patches

- Click the 'Operating System' tab if it is not already open

The screen shows all installed OS updates, and those that are pending install. Details about the most recent OS patch scan is shown in a green bar above the table.

Column details:

Title – The name of the patch. Click the name to view patch details.

KB – The Microsoft knowledgebase article that describes the patch. Click the number to view the article.

CVE - The common vulnerabilities and exposures (CVE) entry number. Click the number to view details such as summary, vulnerability type, published date, vendor, affected devices and more.

Bulletin – The Microsoft bulletin number that contains details about the patch.

Classification – The category of the patch:

- **Update** - Fixes a specific, non-critical problem. This type of patch does not address security-related bugs.
- **Definition update** - Updates to a product's internal database. For example, an update to the virus signature database for Windows Defender.
- **Critical Update** - Fixes a specific, critical OS problem or a critical security-related bug
- **Security update** - Fixes a version specific, security related vulnerability
- **Update rollup** - A collection of updates, hotfixes, security updates and critical updates packaged together for easy deployment. These updates generally target a specific Windows component.
- **Driver** - Adds software for controlling peripherals or add-on devices that could be connected to the endpoint
- **Feature pack** - Adds new functionality distributed after an OS release.
- **Service pack** - Contains a collection of updates, hotfixes, security updates, critical updates and additional fixes.
- **Tool** - Installs a utility or feature for a specific task or a set of tasks.
- **Upgrades** - Updates the Windows OS version on the endpoint to the latest build.

Severity – The criticality of the patch. Can be 'Critical', 'Important', 'Low', 'Moderate' or 'Unspecified'. We recommend installing all 'Critical' and 'Important' updates.

Reboot – Whether or not the endpoint requires a restart to complete the patch installation.

Release Date – The date on which the patch was made available by Microsoft

Status – Indicates whether the patch is installed, not yet installed, or installed but the endpoint needs rebooting.

Install OS patches

- Select patches marked as 'Available' in the status column
- Click 'Install Patch(es)' above the table:

The screenshot shows the 'Patch Management' tab in a software management console. A 'Patch Install' dialog box is open, asking for confirmation to install selected patches. The background table lists several Windows security updates for x64-based systems, with columns for Title, KB number, Category, Severity, Reboot, Release Date, and Status. The 'Install Patch(es)' button is circled in red.

TITLE	KB	CATEGORY	SEVERITY	REBOOT	RELEASE DATE	STATUS
2019-03 Servicing Stack Update for Windows 7 for x64-based Systems (KB4490628)	4490628	Security Update	Critical	No	2019/03/12	Available
2019-08 Security Update for Windows 7 for x64-based Systems (KB4474419)	4474419	Security Update	Critical	Maybe	2019/08/13	Installed
2019-09 Security Monthly Quality Rollup for Windows 7 for x64-based Systems (KB4516065)	4516065	Security Update	Critical	Maybe	2019/09/10	Available
2019-09 Security Update for Windows 7 for x64-based Systems (KB4474419)	4474419	Security Update	Critical	Maybe	2019/09/10	Available

- Click 'OK' to confirm

The patch command is immediately sent to the selected endpoint. Some patches may require a restart to complete the installation.

- Check the status column. Restart the endpoint if the status is 'Reboot Pending'.

3rd party patches

Select the 'Third Party Applications' tab

- The communication client on the endpoint analyzes all 3rd party applications installed on the endpoint.
- The checked locations include 'C:\Program Files\' and 'C:\Users\{user}\AppData\' folder so as to cover all applications in the endpoint, installed on locations other than their default location.
- The client reports the applications and their patch status to Endpoint Manager.
- The 'Patch Management' tab lists all available patches for applications on the endpoint.

The screenshot shows the 'Third Party Applications' tab in the Patch Management interface. It displays a table of installed third-party applications with columns for Software Name, Vendor, Software Category, Installed Version, Installation Date, Latest Version Available, Severity, and Release Date.

SOFTWARE NAME	VENDOR	SOFTWARE CATEGORY	INSTALLED VERSION	INSTALLATION DATE	LATEST VERSION AVAILABLE	SEVERITY	RELEASE DATE
VLC media player	VideoLAN	Utilities	3.0.6	2020/01/19	3.0.8	Unspecified	2019/08/14
OpenOffice 4.1.6	Apache Software Foundation	Utilities	4.16.9790	2019/05/13	4.17.9800	Unspecified	2019/12/30
Microsoft Visual C++ 2012 Redistributable (x86) - 11.0.50727	Microsoft Corporation	Other	11.0.50727.1	2020/01/19	11.0.61030	Unspecified	2018/04/18
Google Chrome	Google LLC	Web Browsers	79.0.3945.88	2020/01/01	79.0.3945.130	Unspecified	2020/01/17
Adobe AIR	Adobe Systems Incorporated	Developer Tools	3.5.0.880	2020/01/19	32.0.0.125	Unspecified	2019/04/18

Software Name – The label of the third party application. Click the name to view patch details and a list of all devices on which it is required.

Vendor – The publisher of the application.

Software Category – The type, or genre, of application

Installed Version – The version number of the application currently available on the endpoint.

Installed Date – The date on which the application was deployed on the endpoint.

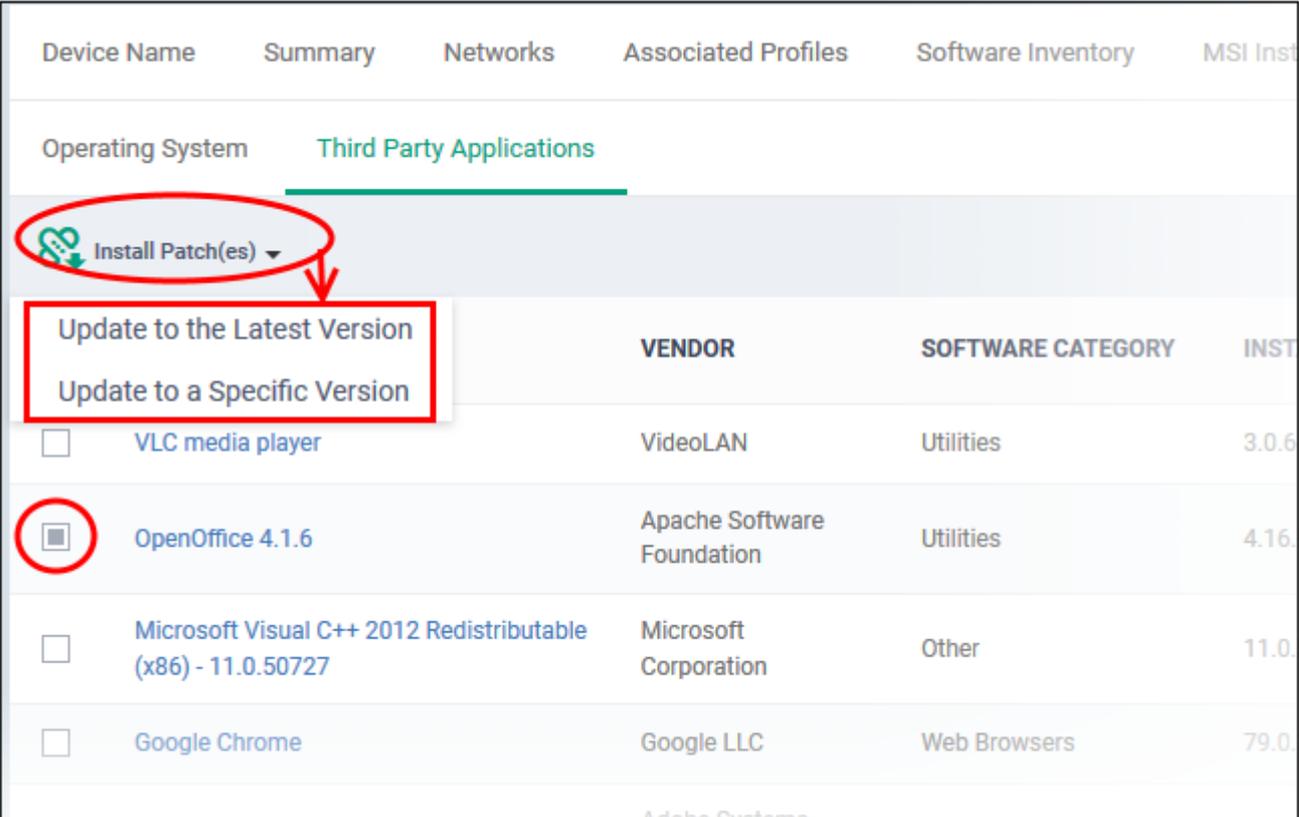
Latest Version Available – The most recent version of the application made available by the publisher.

Severity - The criticality of the patch. Can be 'Critical', 'Important', 'Low', 'Moderate' or 'Unspecified'. We recommend installing all 'Critical' and 'Important' updates.

Release Date – The date at which the latest version was made available by the publisher.

Install third party patches

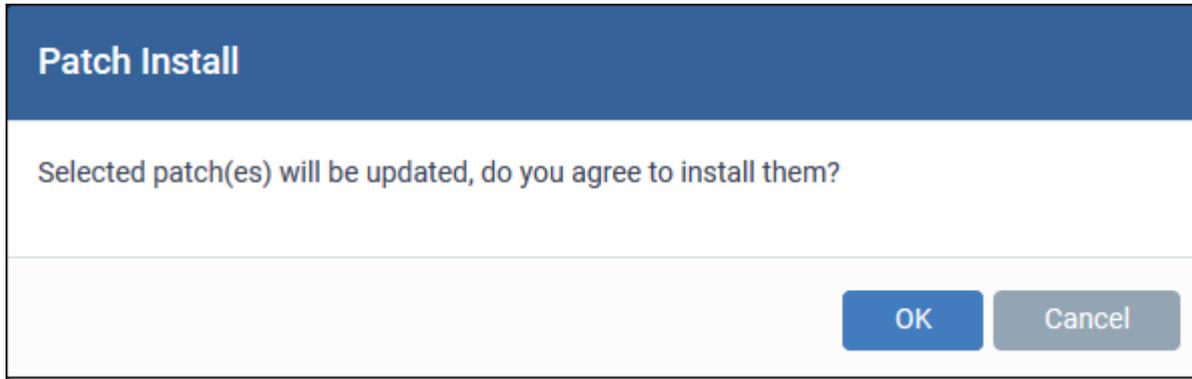
- Select the target patches then click 'Install Patch(es)':



Device Name	Summary	Networks	Associated Profiles	Software Inventory	MSI Inst
Operating System	Third Party Applications				
<input type="checkbox"/>	VLC media player		VENDOR	SOFTWARE CATEGORY	INST
<input type="checkbox"/>	OpenOffice 4.1.6		VideoLAN	Utilities	3.0.6
<input checked="" type="checkbox"/>	OpenOffice 4.1.6		Apache Software Foundation	Utilities	4.16.
<input type="checkbox"/>	Microsoft Visual C++ 2012 Redistributable (x86) - 11.0.50727		Microsoft Corporation	Other	11.0.
<input type="checkbox"/>	Google Chrome		Google LLC	Web Browsers	79.0.

- **Update to the latest version** – Installs the most recent patch / update released by the publisher
- **Update to a specific version** – Select the version you want to install. This is only available if you select one patch to install. It is not available if you want to install multiple, different patches.

Click 'OK' in the confirmation dialog:



The command is immediately sent to the selected endpoint.

Further reading

[Install and manage patches on Windows devices](#) – Use the full patch manager to review and install available patches for all Windows devices.