

## Check and update software inventory of endpoints

Comodo patch management provides software inventory and hardware details of enrolled endpoints. This inventory includes installed OS updates and third party applications. It helps to identify installed programs and their versions.

we should have latest software inventory data in order to perform efficient patch operation. Patch management server gets periodic reports of modified programmed details of endpoints. In addition to this, user can get instant software inventory data using "Refresh apps" operation. This facility enables you to match your patch operations at any time.

### [Check software inventory](#)

### [Update software inventory using "Refresh apps" operation](#)

## Check software inventory

### 1. Go to Agents tab

Agents tab shows list of enrolled endpoints in the patch management server.



Status	Agent Name	Operating System	OS Code	Tags	Updates	Vulnerabilities	Last Updated on
✓	Demo2	Microsoft Windows Server 2008 R2 D...	windows	0	34	17	08/03/2015 3:23 PM
▲	UB3212	Ubuntu 14.04	linux	0	341	0	07/07/2015 11:24 PM
✓	USNJMA073.co...	Microsoft Windows 7 Professional Se...	windows	0	0	0	08/03/2015 3:22 PM
▲	WIN-5C2Z8LOS...	Microsoft® Windows Server® 2008 D...	windows	0	169	126	07/23/2015 12:50 PM

Showing 1 - 4 of 4 records

2. Click agent you wish to check software inventory

Status	Agent Name	Operating System	OS Code	Tags	Updates	Vulnerabilities	Last Updated on
✓	Demo2	Microsoft Windows Server 2008 R2 D...	windows	0	34	17	08/03/2015 3:23 PM
⚠	UB3212	Ubuntu 14.04	linux	0	341	0	07/07/2015 11:24 PM
✓	USNJMA073.co...	Microsoft Windows 7 Professional Se...	windows	0	0	0	08/03/2015 3:22 PM
⚠	WIN-5C228LOS...	Microsoft® Windows Server® 2008 D...	windows	0	169	126	07/23/2015 12:50 PM

**USNJMA073.comodo.net**  
Microsoft Windows 7 Professional Service Pack 1  
✓ Agent Running


CPU Usage( 2.4%)

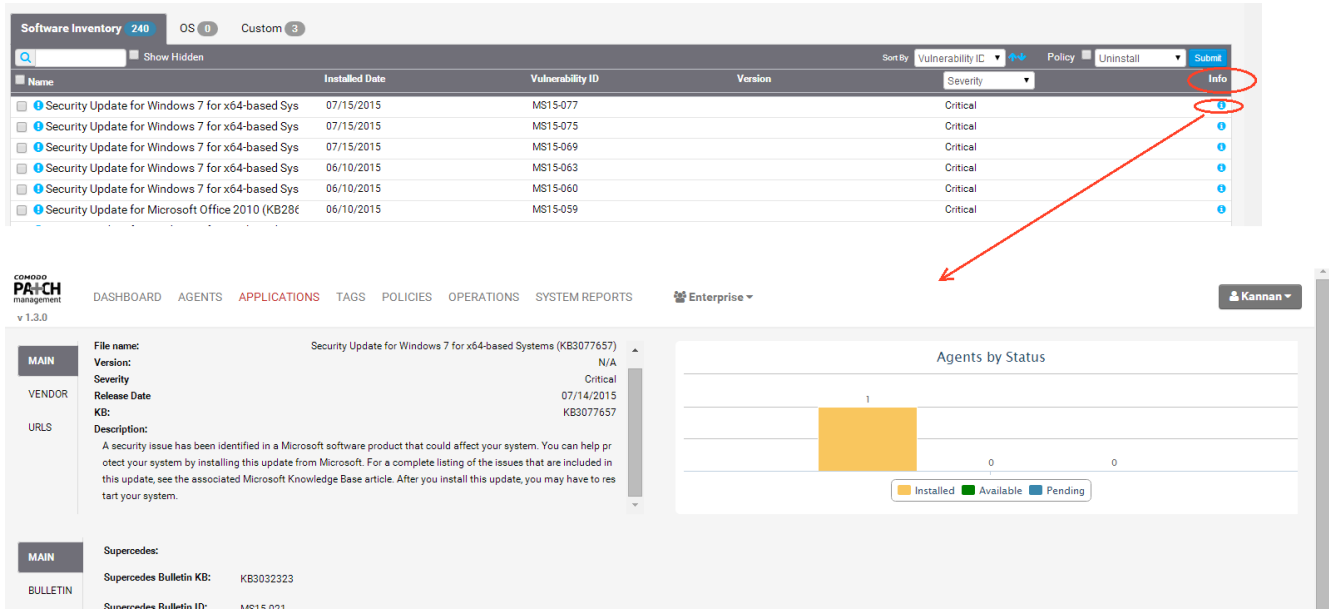
Memory Usage( 84.97%)

HDD Usage( 0.04%)







3. View “software inventory” tab in the bottom left of selected agent tab

Name	Installed Date	Vulnerability ID	Version	Severity	Info
Security Update for Windows 7 for x64-based Sys	07/15/2015	MS15-077		Critical	ⓘ
Security Update for Windows 7 for x64-based Sys	07/15/2015	MS15-075		Critical	ⓘ
Security Update for Windows 7 for x64-based Sys	07/15/2015	MS15-069		Critical	ⓘ
Security Update for Windows 7 for x64-based Sys	06/10/2015	MS15-063		Critical	ⓘ
Security Update for Windows 7 for x64-based Sys	06/10/2015	MS15-060		Critical	ⓘ
Security Update for Microsoft Office 2010 (KB286	06/10/2015	MS15-059		Critical	ⓘ
Security Update for Windows 7 for x64-based Sys	06/10/2015	MS15-057		Critical	ⓘ
Security Update for Windows 7 for x64-based Sys	05/13/2015	MS15-055		Critical	ⓘ
Security Update for Windows 7 for x64-based Sys	05/13/2015	MS15-050		Critical	ⓘ
Security Update for Microsoft .NET Framework 4.	05/13/2015	MS15-048		Critical	ⓘ
Security Update for Microsoft .NET Framework 3.	05/13/2015	MS15-048		Critical	ⓘ
Security Update for Microsoft .NET Framework 3.	05/13/2015	MS15-048		Critical	ⓘ
Security Update for Microsoft .NET Framework 4.	05/13/2015	MS15-048		Critical	ⓘ
Security Update for Microsoft Office 2010 (KB305	06/26/2015	MS15-046		Critical	ⓘ
Security Update for Windows 7 for x64-based Sys	05/13/2015	MS15-045		Critical	ⓘ
Security Update for Windows 7 for x64-based Sys	05/13/2015	MS15-044		Critical	ⓘ
Security Update for Microsoft .NET Framework 3.	05/13/2015	MS15-044		Critical	ⓘ
Security Update for Microsoft .NET Framework 3.	04/16/2015	MS15-041		Critical	ⓘ
Security Update for Microsoft .NET Framework 4.	04/16/2015	MS15-041		Critical	ⓘ
Security Update for Windows 7 for x64-based Sys	04/16/2015	MS15-039		Critical	ⓘ

4. Click  icon below the “info” column to check particular patch or application details.



The screenshot displays the Comodo Patch Management interface. At the top, there is a 'Software Inventory' section with 240 items, OS 0, and Custom 3. Below this is a table of software updates. The table has columns for Name, Installed Date, Vulnerability ID, Version, Severity, and an Info icon. A red circle highlights the Info icon in the first row, and a red arrow points from it to the detailed view below.

Name	Installed Date	Vulnerability ID	Version	Severity	Info
Security Update for Windows 7 for x64-based Sys	07/15/2015	MS15-077		Critical	
Security Update for Windows 7 for x64-based Sys	07/15/2015	MS15-075		Critical	
Security Update for Windows 7 for x64-based Sys	07/15/2015	MS15-069		Critical	
Security Update for Windows 7 for x64-based Sys	06/10/2015	MS15-063		Critical	
Security Update for Windows 7 for x64-based Sys	06/10/2015	MS15-060		Critical	
Security Update for Microsoft Office 2010 (KB286	06/10/2015	MS15-059		Critical	

The detailed view below shows the following information for the selected update:

- File name:** Security Update for Windows 7 for x64-based Systems (KB3077657)
- Version:** N/A
- Severity:** Critical
- Release Date:** 07/14/2015
- KB:** KB3077657
- Description:** A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.
- Supercedes:** Supercedes Bulletin KB: KB3032323, Supercedes Bulletin ID: MS15-077

On the right side, there is a chart titled 'Agents by Status' showing 1 Installed agent, 0 Available agents, and 0 Pending agents.

## Update software inventory using "Refresh apps" operation


### 1. Go to Agents tab

"Agents" tab shows list of enrolled endpoints in the patch management server.

Status	Agent Name	Operating System	OS Code	Tags	Updates	Vulnerabilities	Last Updated on
✓	CHNC4-1	Microsoft® Windows Vista™ Business S...	windows	0	44	37	08/03/2015 4:58 PM
✓	comodxpt-ef0075	Microsoft Windows XP Professional Ser...	windows	0	167	136	08/03/2015 4:59 PM
✓	kingston	Microsoft Windows 8 Pro	windows	0	168	88	08/03/2015 4:58 PM
✓	testwin81	Microsoft Windows 8.1 Pro	windows	0	9	1	08/03/2015 4:58 PM
⚠	Ubuntu-14	Ubuntu 14.04	linux	0	467	0	07/03/2015 11:29 AM
⚠	virtual_vista	Microsoft® Windows Vista™ Business S...	windows	0	11	8	07/31/2015 7:32 PM
✓	WIN-0KHLP8C6...	Microsoft Windows Server 2008 R2 Ente...	windows	0	212	118	08/03/2015 4:58 PM
✓	WIN-K1HGMSC...	Microsoft Windows Server 2012 Standard	windows	0	153	84	08/03/2015 4:59 PM
⚠	WIN-08KL49AI...	Microsoft Windows Server 2012 R2 Sta...	windows	0	127	51	07/07/2015 9:40 PM
⚠	WIN-RL8QHCSI...	Microsoft Windows Server 2008 R2 Sta...	windows	0	194	100	07/13/2015 4:53 PM

### 2. Click agent you wish to update software inventory

The screenshot shows the 'kingston' agent selected in the Agents list. A red circle highlights the agent name, and a red arrow points to the detailed view of the agent. The detailed view shows the agent's status as 'Agent Running' and displays three system health gauges: CPU Usage (0%), Memory Usage (29.39%), and HDD Usage (0.04%).

3. Click  icon in the top right corner

4. Click "Refresh apps" button.

5. You can view "Refresh apps" operation status in operation tab.

Operation	Timestamp	Status
pm_operator updatesapplications	08/03/2015 05:20:02 PM	✓ 1
pm_operator install custom apps	08/03/2015 03:11:12 PM	✓ 1
pm_operator updatesapplications	08/03/2015 03:01:05 PM	✓ 1
pm_operator updatesapplications	08/03/2015 02:03:58 PM	✓ 1
pm_operator updatesapplications	08/03/2015 12:10:34 PM	✓ 1
pm_operator updatesapplications	08/03/2015 12:10:34 PM	✓ 1
pm_operator updatesapplications	07/31/2015 06:10:48 PM	✓ 1

Target Agents	Status
KINGSTON -	Completed