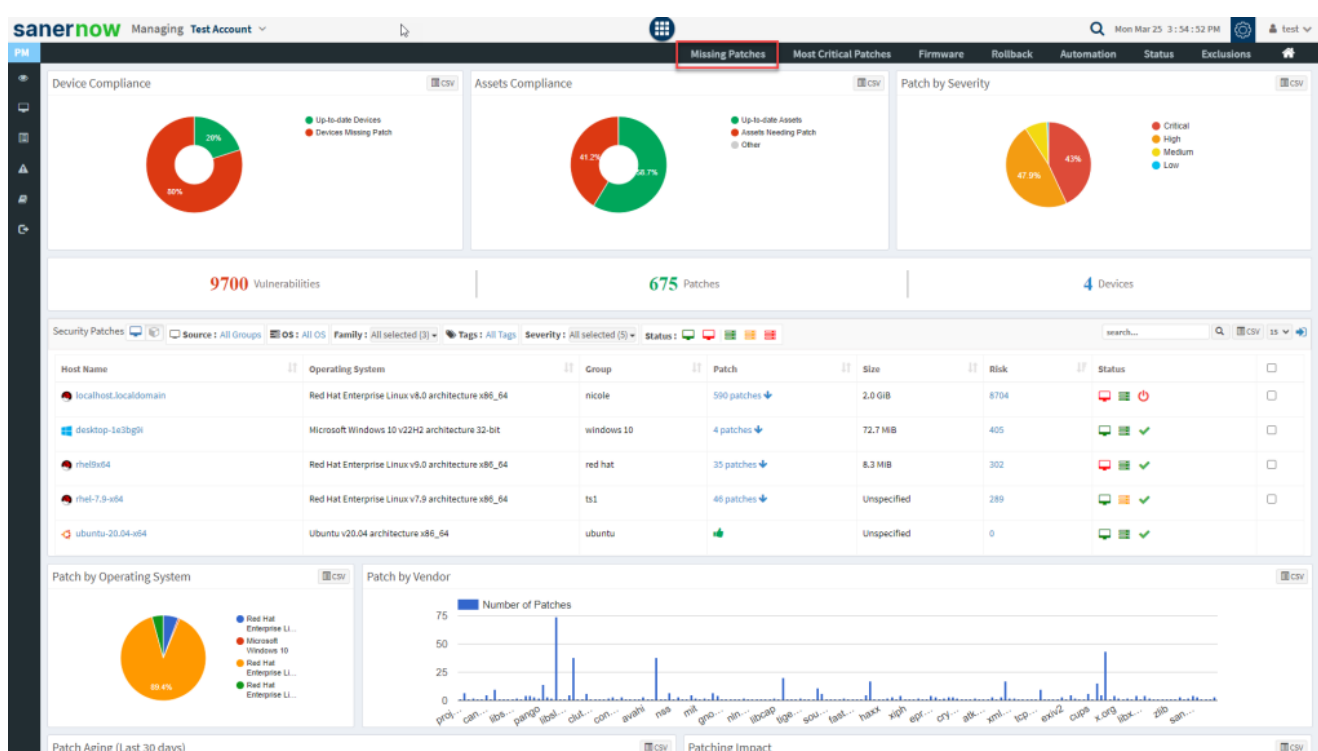


# How to perform custom remediation for applications that require paid patches using SanerNow PM

Follow the below steps to perform custom remediation for applications needing paid patches using SanerNow PM.

**Step 1:** Log in to the SanerNow web console. Select the **Account** you want to work with. Click the SanerNow tools icon and select the **PM** (Patch Management) tool.

**Step 2:** Once in the PM dashboard, click the **Missing Patches** tab on the navigation bar.



**Step 3:** The Missing Patches screen lists both OS and third-party patches. Uncheck **OS** to view only **Third Party** patches.

saner**now** Managing Test Account

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Missing Patches Most Critical Patches Firmware Rollback Automation Status Exclusions

Security Non-security Source: All Groups Operating System: All OS Family: All selected (3) Tags: All Tags Severity: All selected (4) Type: OS Third Party

Asset	Patch	Vendor	Size	Detected	Released	Reboot	Severity	Hosts
accountsservice	2 patches	freedesktop	225.5 KiB	-	-	FALSE	Critical	1
Apache Commons Text	<a href="https://commons.apache.org/commons/text/binaries/">https://commons.apache.org/commons/text/binaries/</a>	apache	Unspecified	2024-03-24	2022-10-13	FALSE	Critical	1
appstream-data	appstream-data-9-20200724.el8	freedesktop	4.1 MiB	2024-03-23	2020-07-24	FALSE	High	1
aspell	aspell-12.0.60.6.1-22.el8	aspell	673.5 KiB	2024-03-23	2021-10-13	FALSE	High	1
atkmm	atkmm-2.24.2-7.el8	atkmm	92.4 KiB	2024-03-23	2020-10-20	FALSE	High	1
Atlassian Jira Server	<a href="https://www.atlassian.com/software/jira/download">https://www.atlassian.com/software/jira/download</a>	atlassian	Unspecified	2024-03-24	2023-08-01	FALSE	Medium	1
avahi	3 patches	avahi	357.2 KiB	-	-	FALSE	Medium	1
baobab	baobab-1.28.0-4.el8	gnome	402.9 KiB	2024-03-23	2019-10-15	FALSE	High	1
bash	bash-4.4.20-4.el8_6	matthias_klose	1.5 MiB	2024-03-23	2022-06-20	FALSE	High	1
bind	6 patches	isc	3.0 MiB	-	-	FALSE	High	2
binutils	binutils	sourceware	Unspecified	2024-03-23	2021-11-01	FALSE	High	2
bluez	3 patches	bluez	1.7 MiB	-	-	FALSE	High	1
bpftool	bpftool-7.2.0-302.8.1.el8_3	bpf	5.8 MiB	2024-03-23	2023-10-03	FALSE	Critical	1
brotil	brotil-1.0.6-3.el8	github	323.1 KiB	2024-03-23	2020-10-01	FALSE	Medium	1
buildah	buildah-1:1.31.3-1.module+el8.9.0-19751-326d9006	buildah	8.0 MiB	2024-03-23	2023-08-28	FALSE	Critical	2
c-ares	c-ares-1.13.0-8.el8	c-ares_project	93.5 KiB	2024-03-23	2023-05-29	FALSE	High	1
cairo	3 patches	cairographics	821.6 KiB	-	-	FALSE	High	1
cairomm	cairomm-1.12.0-8.el8	cairomm	69.5 KiB	2024-03-23	2020-10-15	FALSE	High	1
clutter	clutter-1.26.2-8.el8	clutter_project	1.1 MiB	2024-03-23	2020-02-19	FALSE	High	1
cockpit	6 patches	redhat	8.6 MiB	-	-	FALSE	High	1
container-selinux	container-selinux-2:2.221.0-1.module+el8.9.0-19685-019f3589	selinux	69.1 KiB	2024-03-23	2023-08-16	FALSE	Critical	1
containernetworking-plugins	containernetworking-plugins-1:1.3.0-4.module+el8.9.0-19649-5879504a	containernetworking	18.1 MiB	2024-03-23	2023-08-28	FALSE	Critical	2
crackmap-executor	crackmap-executor-7.1.0.0.module+el8.9.0-19701-1716fbd02	crackmap	119.9 KiB	2024-03-23	2023-06-16	FALSE	Critical	1

The screen with **Third Party** patches screen looks like the one below.

saner**now** Managing Test Account

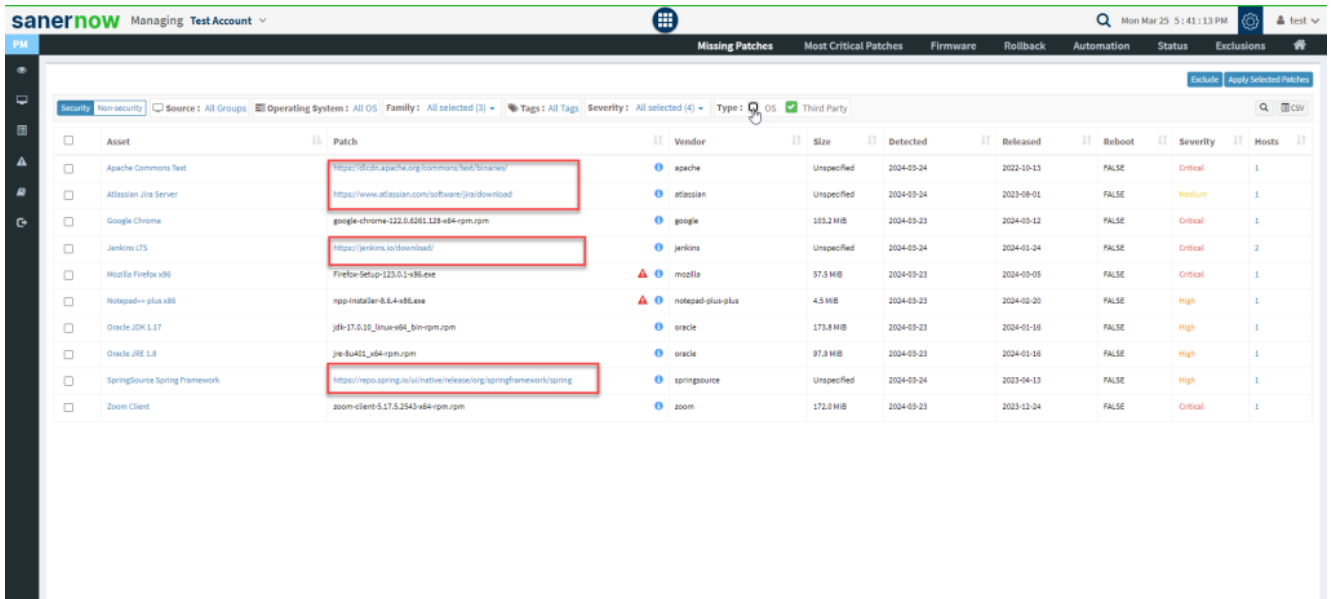
Mon Mar 25 5:41:13 PM

Missing Patches Most Critical Patches Firmware Rollback Automation Status Exclusions

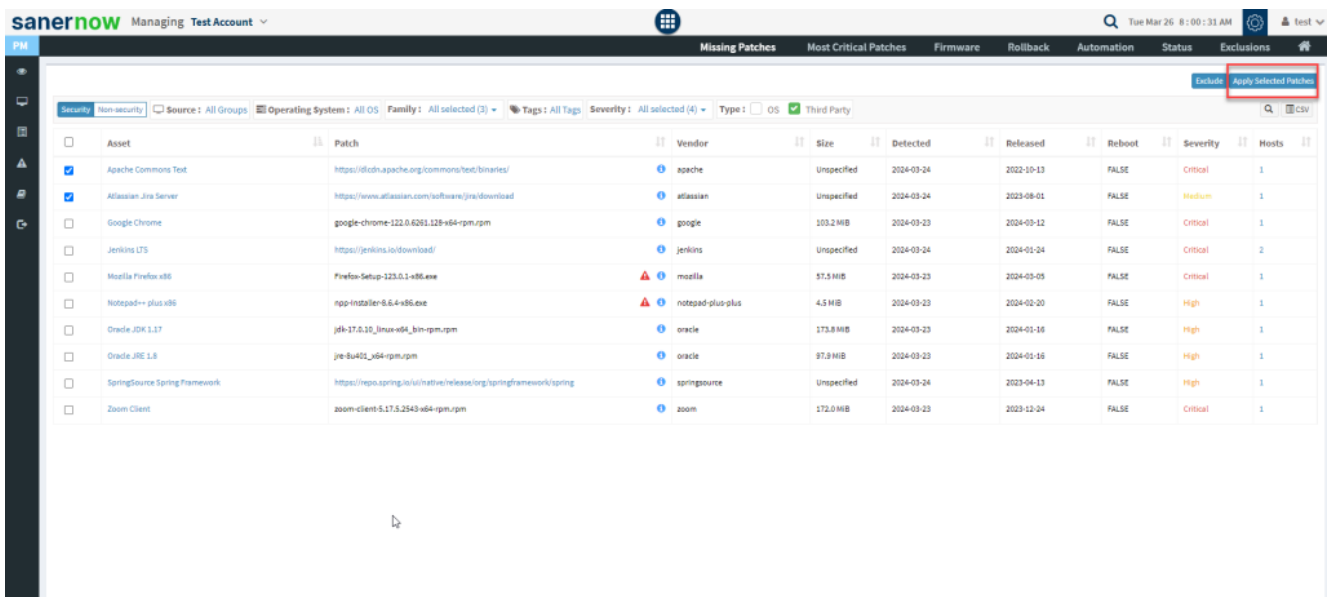
Security Non-security Source: All Groups Operating System: All OS Family: All selected (3) Tags: All Tags Severity: All selected (4) Type: OS Third Party

Asset	Patch	Vendor	Size	Detected	Released	Reboot	Severity	Hosts
Apache Commons Text	<a href="https://commons.apache.org/commons/text/binaries/">https://commons.apache.org/commons/text/binaries/</a>	apache	Unspecified	2024-03-24	2022-10-13	FALSE	Critical	1
Atlassian Jira Server	<a href="https://www.atlassian.com/software/jira/download">https://www.atlassian.com/software/jira/download</a>	atlassian	Unspecified	2024-03-24	2023-08-01	FALSE	Medium	1
Google Chrome	google-chrome-122.0.6261.128-x86-rpm.rpm	google	103.2 MiB	2024-03-23	2024-03-12	FALSE	Critical	1
Jenkins LTS	<a href="https://jenkins.io/download/">https://jenkins.io/download/</a>	jenkins	Unspecified	2024-03-24	2024-01-24	FALSE	Critical	2
Mozilla Firefox x86	Firefox-Setup-123.0.1-x86.exe	mozilla	97.8 MiB	2024-03-23	2024-03-05	FALSE	Critical	1
Notepad++ plus x86	npp-installer-8.6.4-x86.exe	notepad-plus-plus	4.5 MiB	2024-03-23	2024-02-20	FALSE	High	1
Oracle JDK 11.7	jdk-17.0.11_linux-x86_64_bin-rpm.rpm	oracle	173.8 MiB	2024-03-23	2024-01-16	FALSE	High	1
Oracle JRE 1.8	jre-8u402_x86-rpm.rpm	oracle	97.8 MiB	2024-03-23	2024-01-16	FALSE	High	1
SpringSource Spring Framework	<a href="https://repo.spring.io/lookup/org.springframework/spring">https://repo.spring.io/lookup/org.springframework/spring</a>	springsource	Unspecified	2024-03-24	2023-04-13	FALSE	High	1
Zoom Client	zoom-client-5.17.5.2543-x86-rpm.rpm	zoom	172.0 MiB	2024-03-23	2023-12-24	FALSE	Critical	1

The **Asset** column displays the application name, while the **Patch** column lists the patch details. SanerNow lists the path to the vendor site where the patch is available for vendor applications.



**Step 4:** Select the applications you want to patch by clicking the checkbox present to the left of the application name. You can select one or more applications to patch. Then click the **Apply Selected Patches** button



The **Create Patching Task** window pops up on the screen.

Task Controls

Reboot Control

Remediation End Time

Patching Notification

Remediation Scripts

Test and Deploy

Task Name \*

task name

Remediation Schedule \*

--select time to apply--

Custom Remediation \*

Asset	Custom Patch	Action
Apache Commons Text	File	
Atlassian Jira Server	File	

Task Impact

2

Patches

1

Online

0

Offline

Apply Selected Patches

Cancel

The Create Patching Task window displays the total number of patches applied under the **Task Impact** box.

Task Controls

Reboot Control

Remediation End Time

Patching Notification

Remediation Scripts

Test and Deploy

Task Name \*

task name

Remediation Schedule \*

--select time to apply--

Custom Remediation \*

Asset	Custom Patch	Action
Apache Commons Text	File	
Atlassian Jira Server	File	

Task Impact

2

Patches

1

Online

0

Offline

Apply Selected Patches

Cancel

**Step 5:** Provide the following mandatory inputs to create a patching task. They are as follows:

- **Task Name** — You must give a name for the selected patching task.
- **Remediation Schedule** -- You can choose when you want SanerNow to apply the patches. SanerNow supports the below remediation schedule.
  - **Immediate** — When you select the remediation schedule as **Immediate**, SanerNow will apply the patches immediately.
  - **After scheduled scan** — When you select the remediation schedule as **After scheduled scan**, SanerNow will apply the patches once the SanerNow Agent completes the scheduled scan.

- **Custom date** — When you select the remediation schedule as **Custom date**, you must choose the date and the time frame during which you want SanerNow to apply the patches.

**Step 6:** You must upload a Custom Patch file for each application selected for patching. This file should contain the required information for SanerNow to fetch the patch file and instructions to install it.

### Note

The supported file formats for the **Custom Patch** file for different operating systems are listed below.

For Windows systems: – inf, reg, ps1, bat, exe, msi, and msp.

For Unix systems:- sh, deb, and rpm.

For macOS systems:- sh, pkg, and dmg (pkg,app).

**Step 7:** Click the **Apply Selected Patches** button to create the patching task. SanerNow will execute the patching task as per the schedule specified during the task creation and remediate the vulnerabilities present in the selected applications.

**Watch the video tutorial**