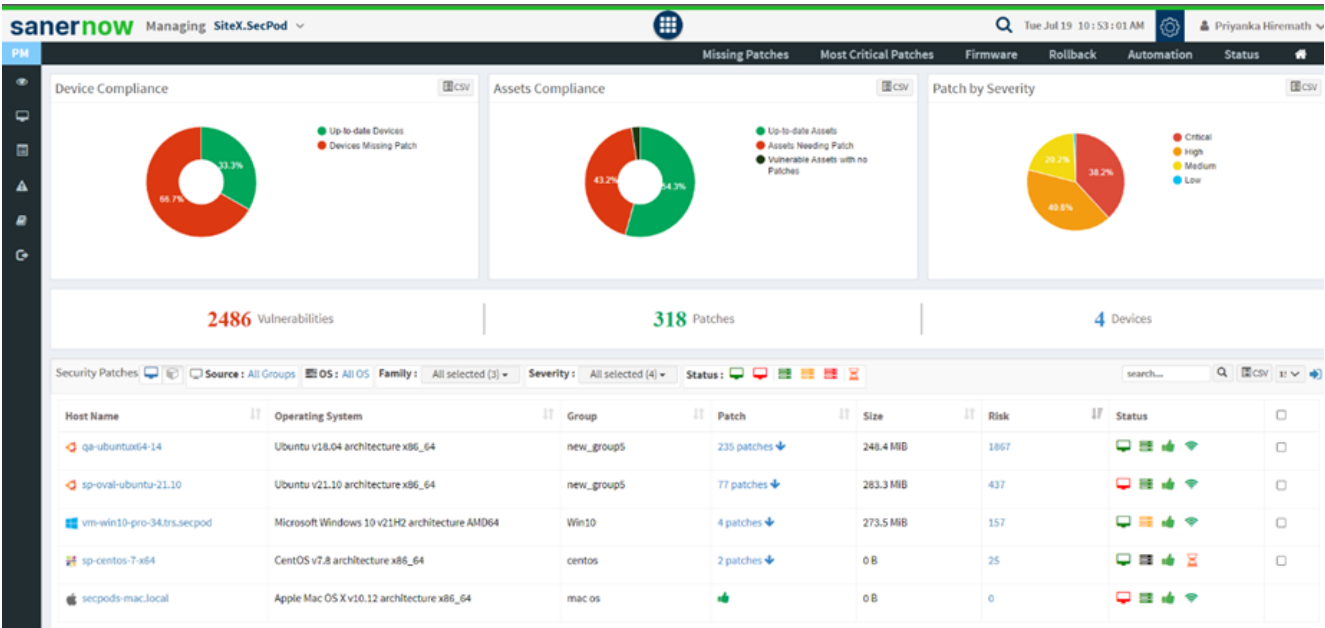


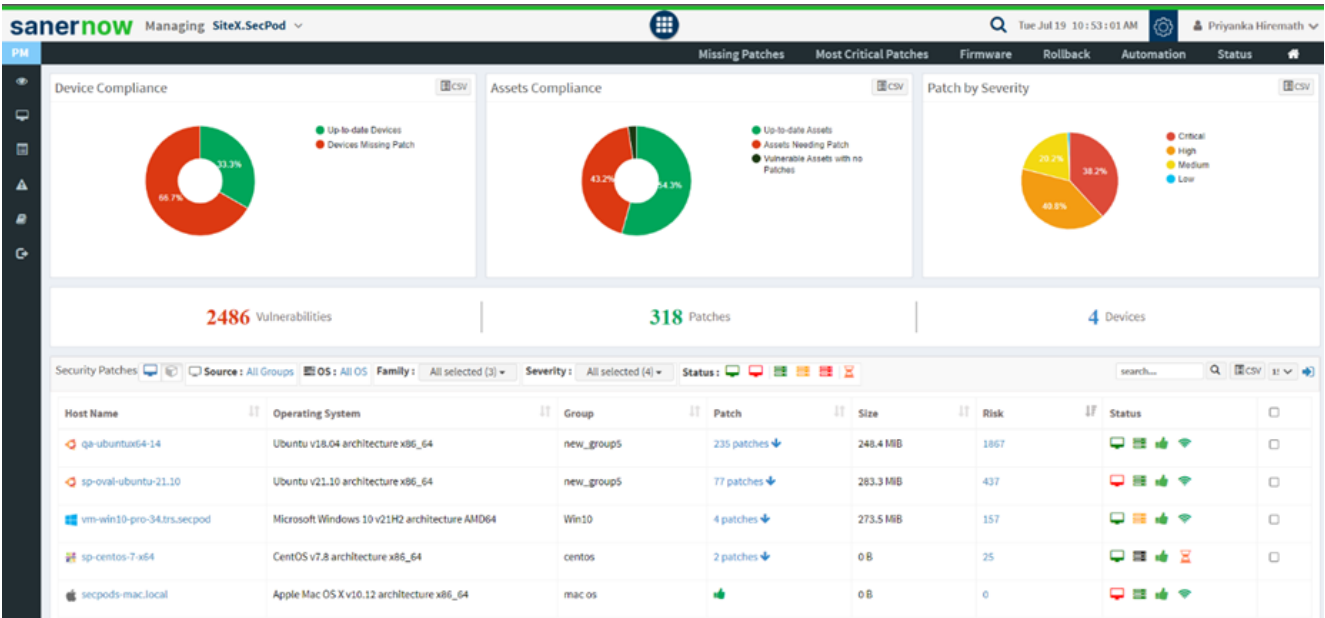
# How to fix firmware in SanerNow?

SanerNow, along with security and non-security patches, also fixes the firmware in Windows. Let us look at how SanerNow will fix the firmware.

- 1. Go to the **Patch management** dashboard in SanerNow.



- 2. Click on **Firmware**.



- 3. You will be displayed with the list of firmware updates, assets, vendor, hostname, and patch details.

sanernow Managing SiteX.SecPod

PM

Missing Patches Most Critical Patches **Firmware** Rollback Automation Status

Apply Selected Patches

Firmware Source: All Groups

<input type="checkbox"/>	Asset	Patch	Vendor	Date	Hosts
<input type="checkbox"/>	ATA Channel 0	pidPCIIDE\DECHANNEL\4839EC508A6060	microsoft	2022-03-29 06:35:53 AM UTC	1
<input type="checkbox"/>	ATA Channel 1	pidPCIIDE\DECHANNEL\4839EC508A6061	microsoft	2022-03-29 06:35:53 AM UTC	1
<input type="checkbox"/>	Communications Port (COM1)	pidACPI\PNP0501:1	microsoft	2022-03-29 06:35:53 AM UTC	1
<input type="checkbox"/>	Communications Port (COM2)	pidACPI\PNP0501:2	microsoft	2022-03-29 06:35:53 AM UTC	1
<input type="checkbox"/>	Fax	pidSWD\PRINTENUM\{86E48056-F8B7-408E-9B55-94CD03018001}	microsoft	2022-06-18 05:40:58 PM UTC	1
<input type="checkbox"/>	Hyper-V Virtual Ethernet Adapter	pidROOT\MS_VMP.0000	microsoft	2022-06-18 05:40:58 PM UTC	1
<input type="checkbox"/>	Hyper-V Virtual Switch Extension Adapter	pidROOT\MS_VSHP.0000	microsoft	2022-06-18 05:40:58 PM UTC	1
<input type="checkbox"/>	Intel(R) E2574L Gigabit Network Connection	pidPCI\VEN_8086&DEV_1003&SUBSYS_07D015AD&REV_00\000C2BFFFF...	microsoft	2022-06-18 05:40:58 PM UTC	1
<input type="checkbox"/>	Intel(R) Xeon(R) CPU E5520 @ 2.27GHz	pidACPI\GENUINEINTEL\_INTEL64_FAMILY_6_MODEL_26\_INTEL(R)_X...	microsoft	2022-03-29 06:35:53 AM UTC	1
<input type="checkbox"/>	Microsoft Kernel Debug Network Adapter	pidROOT\KDNC.0000	microsoft	2022-03-29 05:12:58 AM UTC	1
<input type="checkbox"/>	Microsoft Print to PDF	pidSWD\PRINTENUM\{44245436-1F4B-489B-9CFA-51930728E03E}	microsoft	2022-06-18 05:40:58 PM UTC	1
<input type="checkbox"/>	Microsoft XPS Document Writer	pidSWD\PRINTENUM\{580F0E1B-4335-402C-8758-040342C8350E}	microsoft	2022-06-18 05:40:58 PM UTC	1
<input type="checkbox"/>	NECVMWare VMWare IDE CDROM ATA Device	pidIDE\CDROMNECVMWARE_VMWARE_IDE_CDROM1_1.00_...	microsoft	2022-03-29 06:35:53 AM UTC	1
<input type="checkbox"/>	OneNote for Windows 10	pidSWD\PRINTENUM\{5F88B6AB-02CF-48B0-BCF7-4395B1B05805}	microsoft	2022-06-18 05:40:58 PM UTC	1

4. Select the asset you want to update from the check box and devices/groups to apply the firmware update.

sanernow Managing SiteX.SecPod

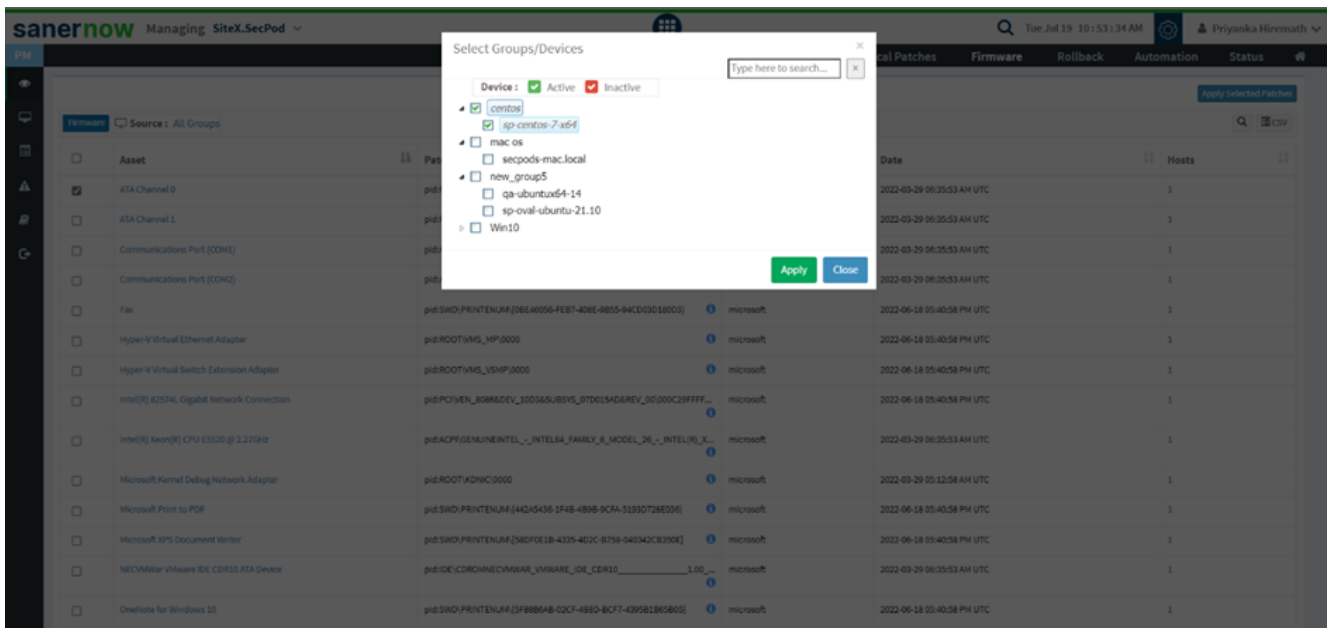
PM

Missing Patches Most Critical Patches **Firmware** Rollback Automation Status

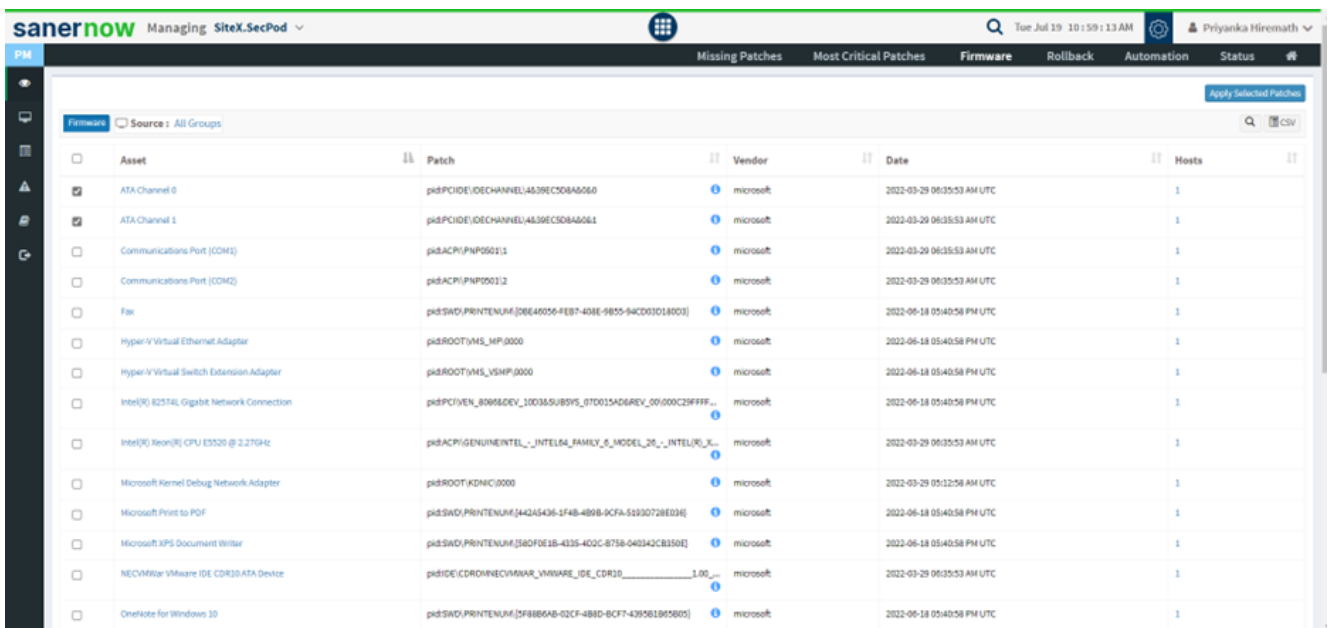
Apply Selected Patches

Firmware Source: All Groups

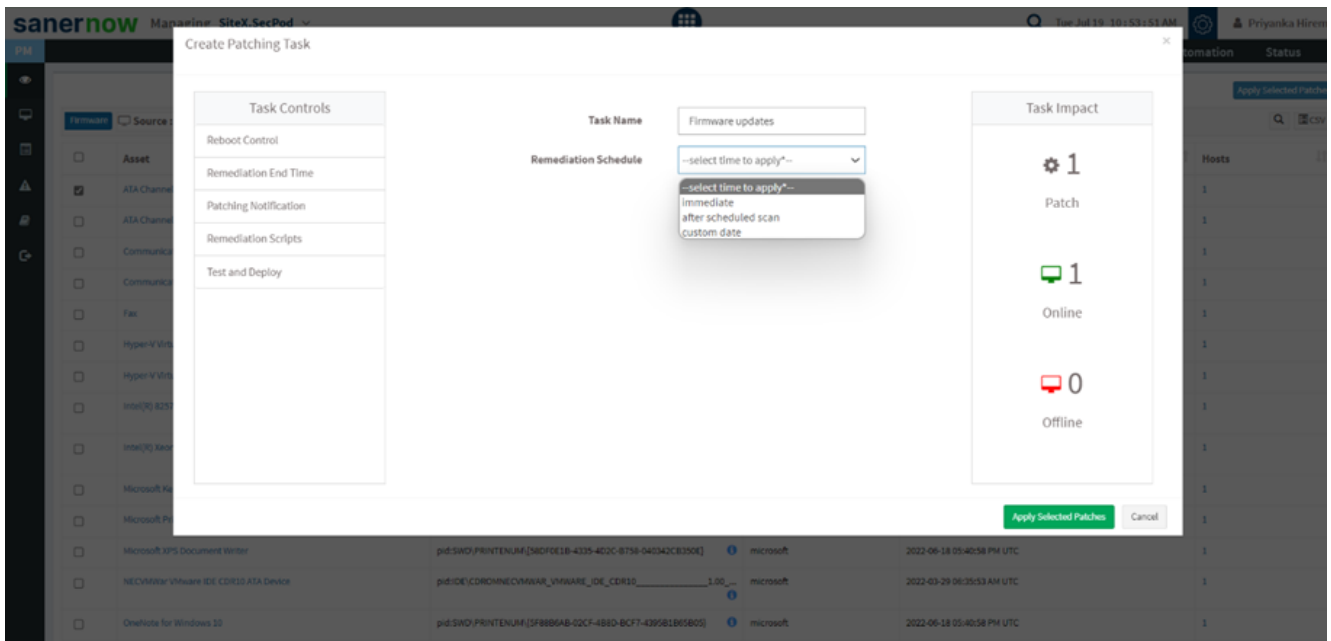
<input type="checkbox"/>	Asset	Patch	Vendor	Date	Hosts
<input checked="" type="checkbox"/>	ATA Channel 0	pidPCIIDE\DECHANNEL\4839EC508A6060	microsoft	2022-03-29 06:35:53 AM UTC	1
<input type="checkbox"/>	ATA Channel 1	pidPCIIDE\DECHANNEL\4839EC508A6061	microsoft	2022-03-29 06:35:53 AM UTC	1
<input type="checkbox"/>	Communications Port (COM1)	pidACPI\PNP0501:1	microsoft	2022-03-29 06:35:53 AM UTC	1
<input type="checkbox"/>	Communications Port (COM2)	pidACPI\PNP0501:2	microsoft	2022-03-29 06:35:53 AM UTC	1
<input type="checkbox"/>	Fax	pidSWD\PRINTENUM\{86E48056-F8B7-408E-9B55-94CD03018001}	microsoft	2022-06-18 05:40:58 PM UTC	1
<input type="checkbox"/>	Hyper-V Virtual Ethernet Adapter	pidROOT\MS_VMP.0000	microsoft	2022-06-18 05:40:58 PM UTC	1
<input type="checkbox"/>	Hyper-V Virtual Switch Extension Adapter	pidROOT\MS_VSHP.0000	microsoft	2022-06-18 05:40:58 PM UTC	1
<input type="checkbox"/>	Intel(R) E2574L Gigabit Network Connection	pidPCI\VEN_8086&DEV_1003&SUBSYS_07D015AD&REV_00\000C2BFFFF...	microsoft	2022-06-18 05:40:58 PM UTC	1
<input type="checkbox"/>	Intel(R) Xeon(R) CPU E5520 @ 2.27GHz	pidACPI\GENUINEINTEL\_INTEL64_FAMILY_6_MODEL_26\_INTEL(R)_X...	microsoft	2022-03-29 06:35:53 AM UTC	1
<input type="checkbox"/>	Microsoft Kernel Debug Network Adapter	pidROOT\KDNC.0000	microsoft	2022-03-29 05:12:58 AM UTC	1
<input type="checkbox"/>	Microsoft Print to PDF	pidSWD\PRINTENUM\{44245436-1F4B-489B-9CFA-51930728E03E}	microsoft	2022-06-18 05:40:58 PM UTC	1
<input type="checkbox"/>	Microsoft XPS Document Writer	pidSWD\PRINTENUM\{580F0E1B-4335-402C-8758-040342C8350E}	microsoft	2022-06-18 05:40:58 PM UTC	1
<input type="checkbox"/>	NECVMWare VMWare IDE CDROM ATA Device	pidIDE\CDROMNECVMWARE_VMWARE_IDE_CDROM1_1.00_...	microsoft	2022-03-29 06:35:53 AM UTC	1
<input type="checkbox"/>	OneNote for Windows 10	pidSWD\PRINTENUM\{5F88B6AB-02CF-48B0-BCF7-4395B1B05805}	microsoft	2022-06-18 05:40:58 PM UTC	1



5. Click on **Apply selected patches.**

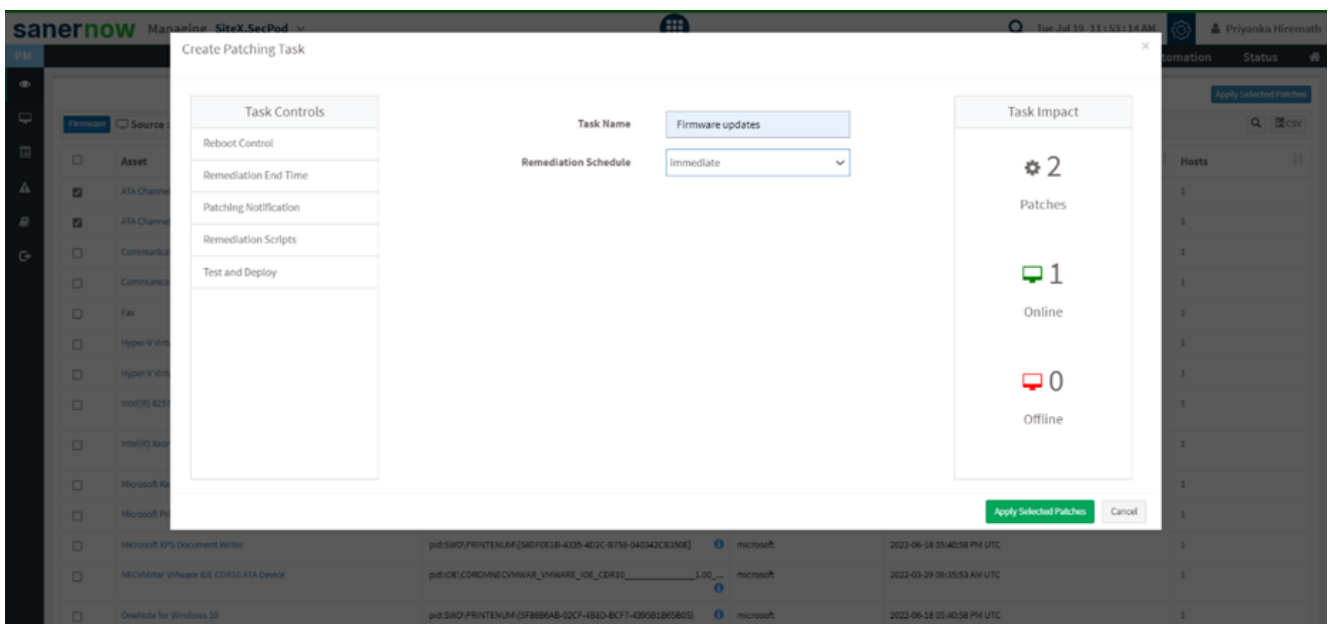


6. Assign the task name and schedule the remediation time in **Create Patching Task** window.

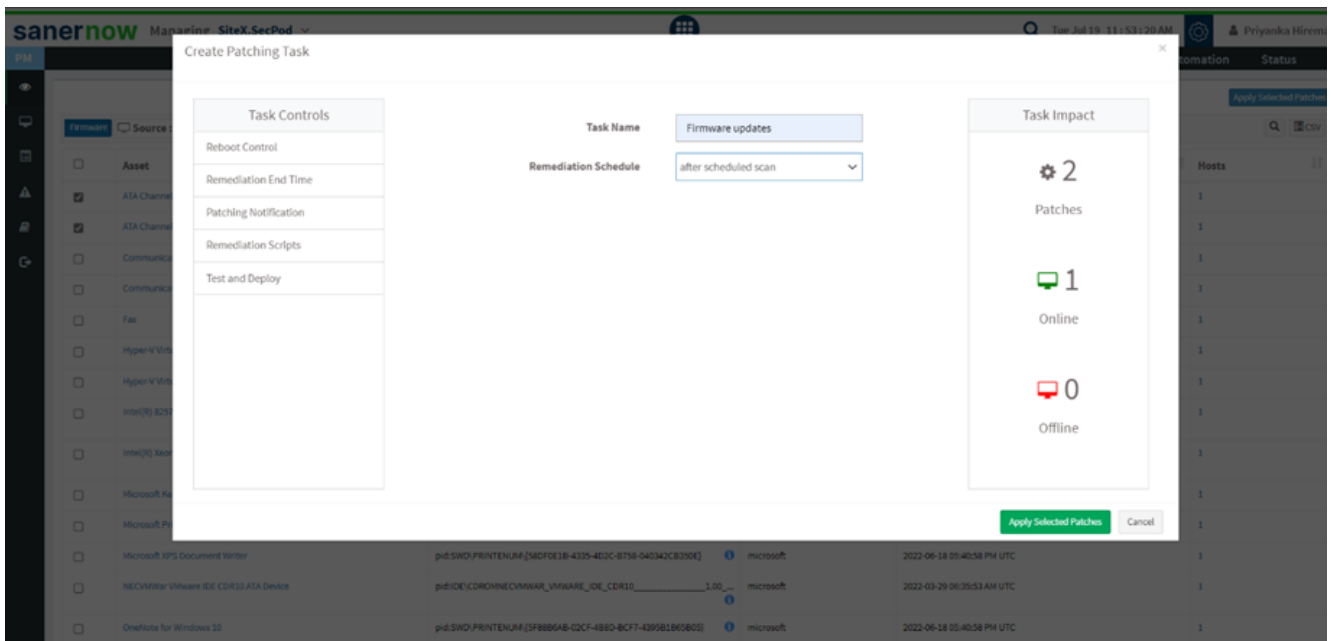


7. To schedule remediation, there are three options,

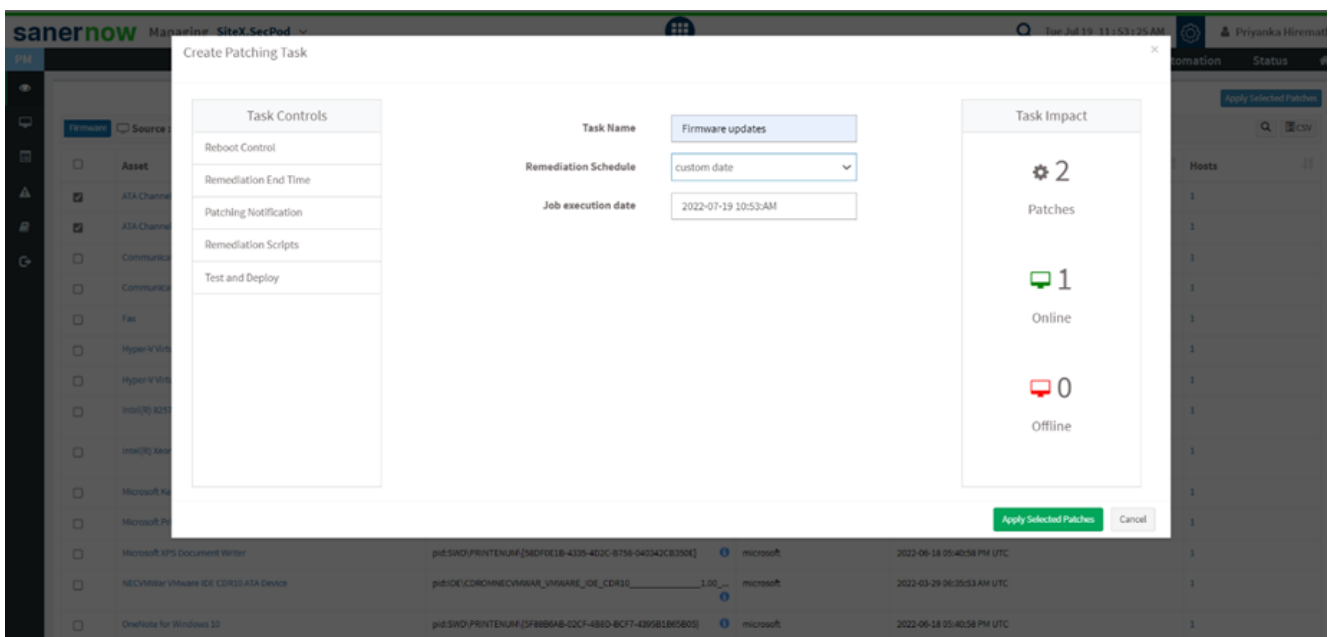
- You can schedule remediation immediately.



- Remediation can take place after scheduled scans.

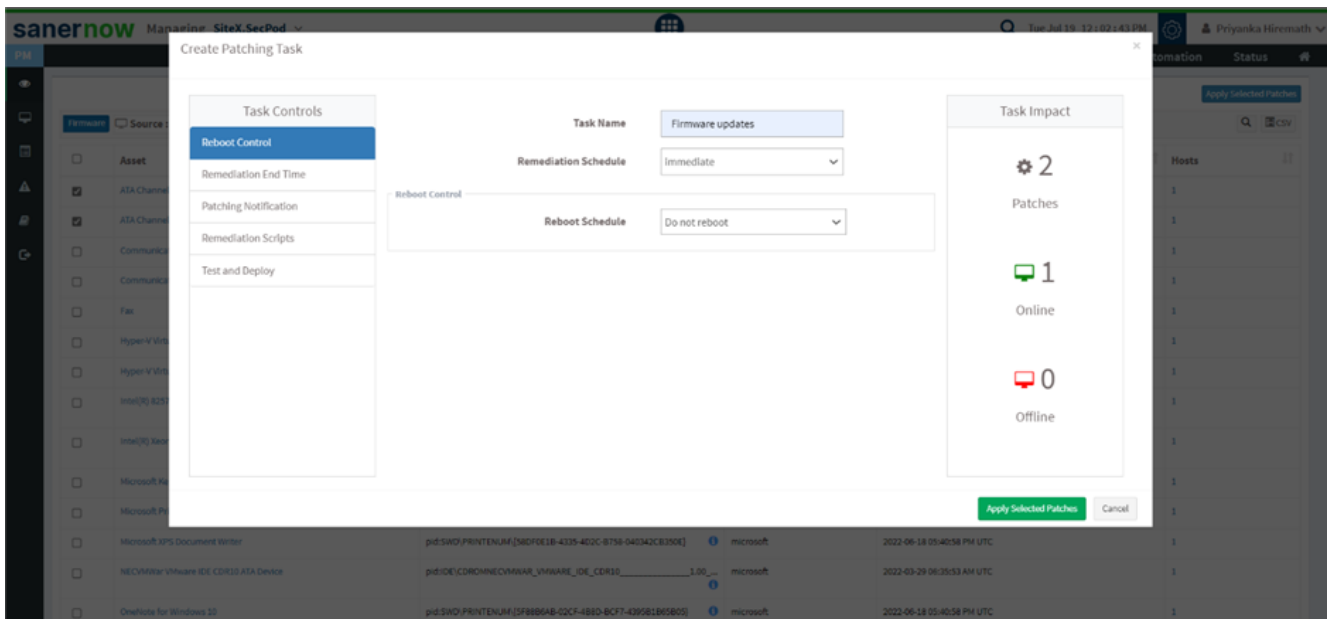


- You can set a custom date for remediation.

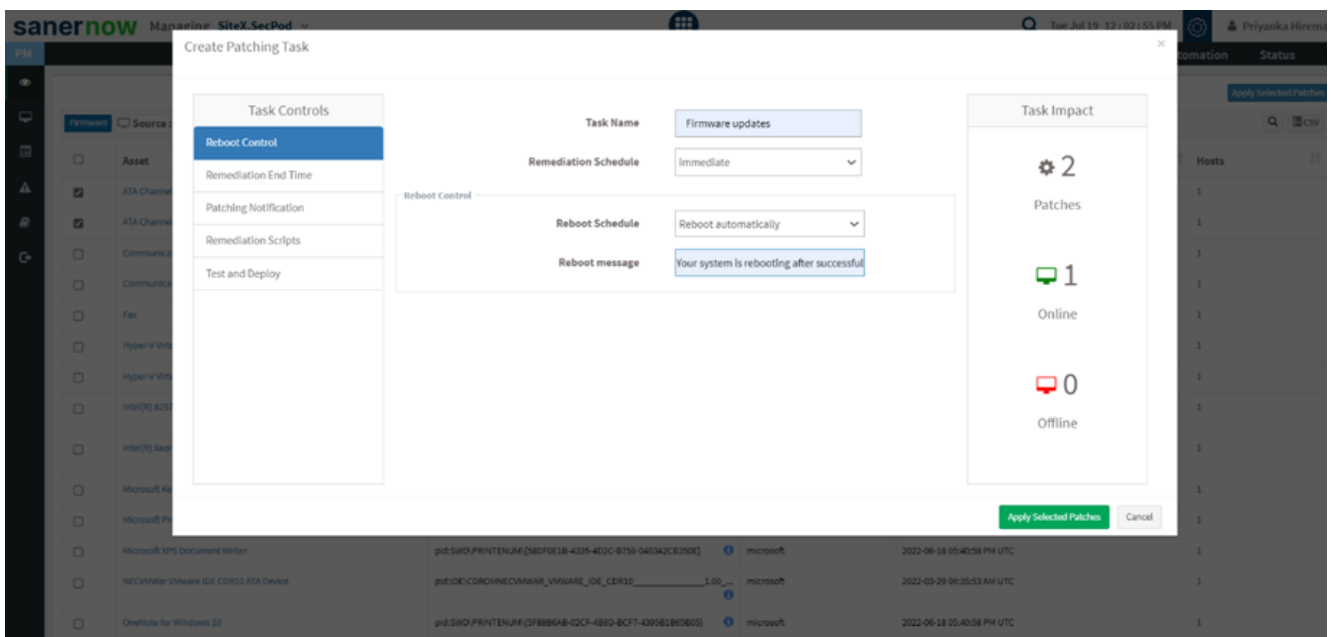


You will find various Task Controls to apply a firmware update.

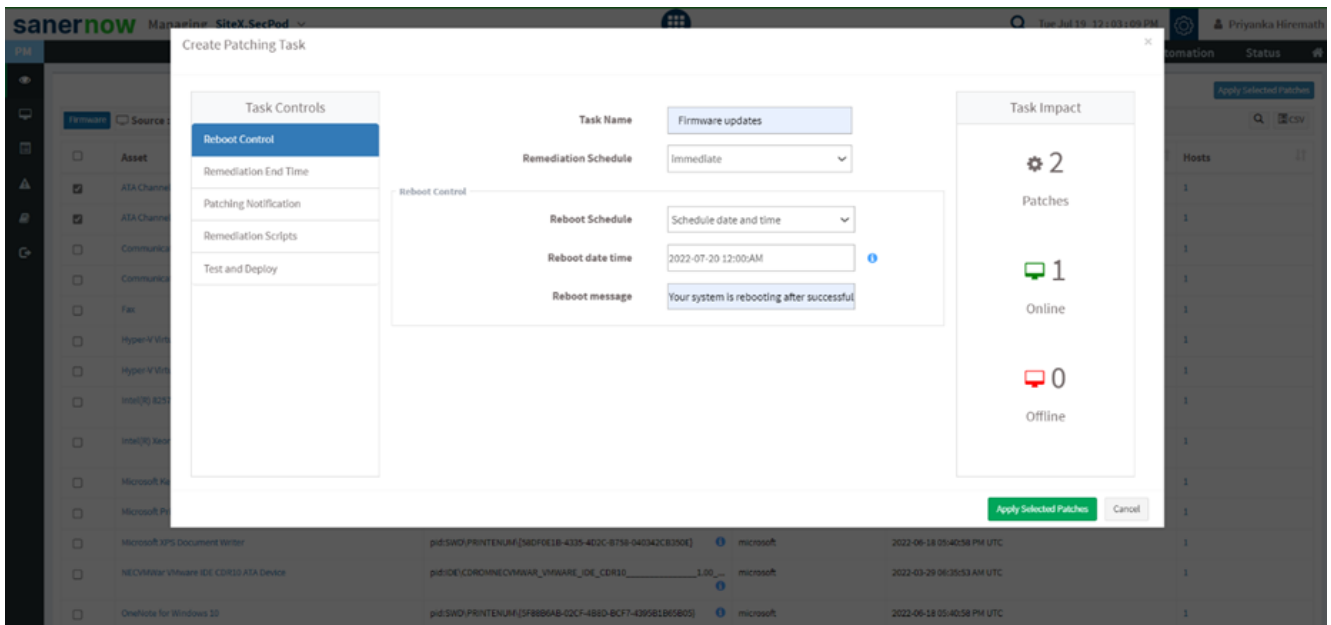
- Reboot Control: Do not Reboot.



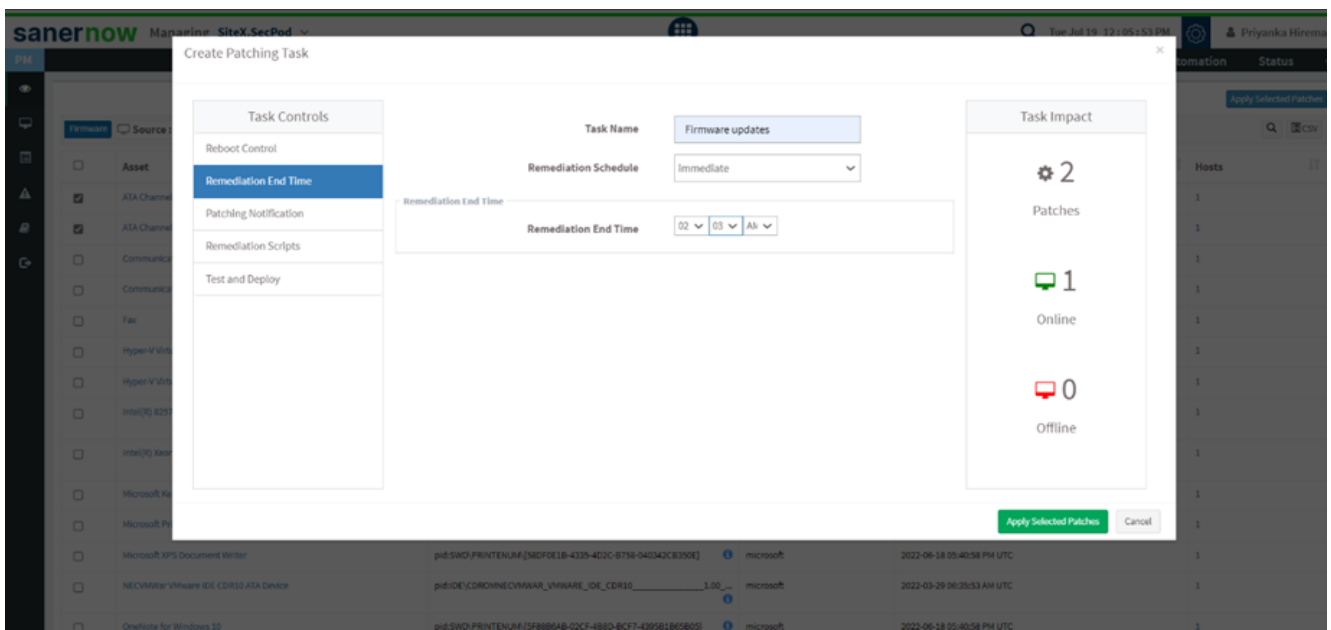
- Reboot automatically with a reboot message.



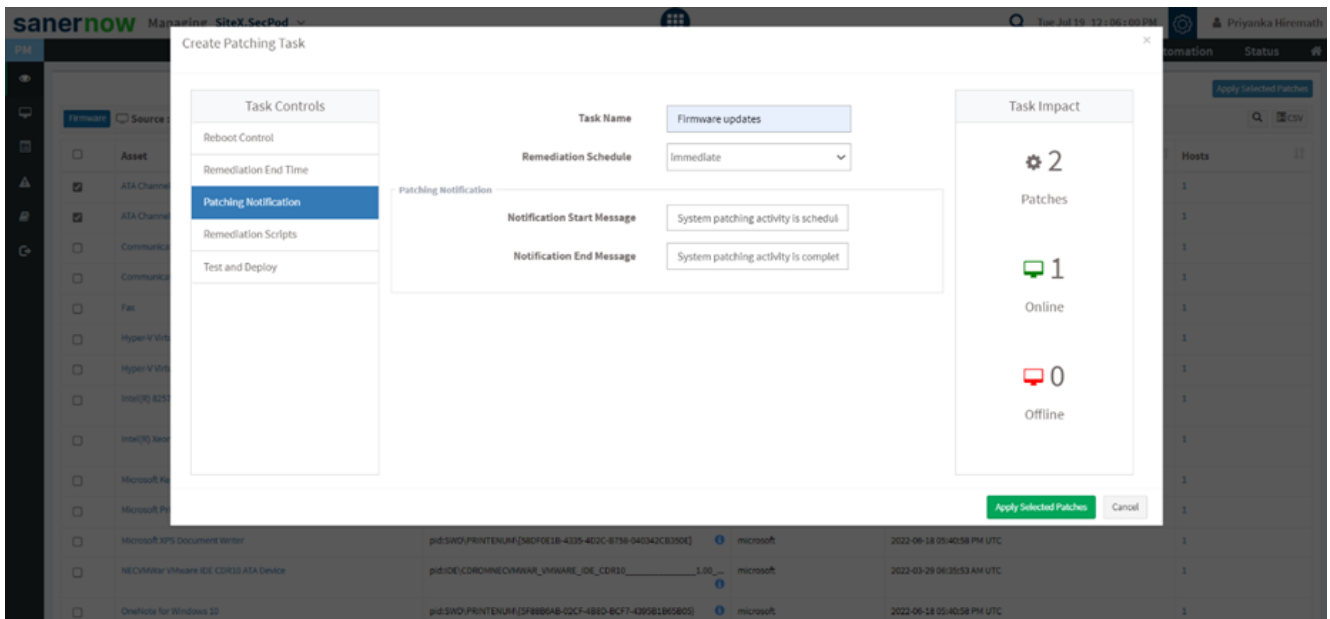
- Schedule the date and time to reboot after the update



- Remediation End Time: you can set remediation end time. The firmware gets updated at a given time.

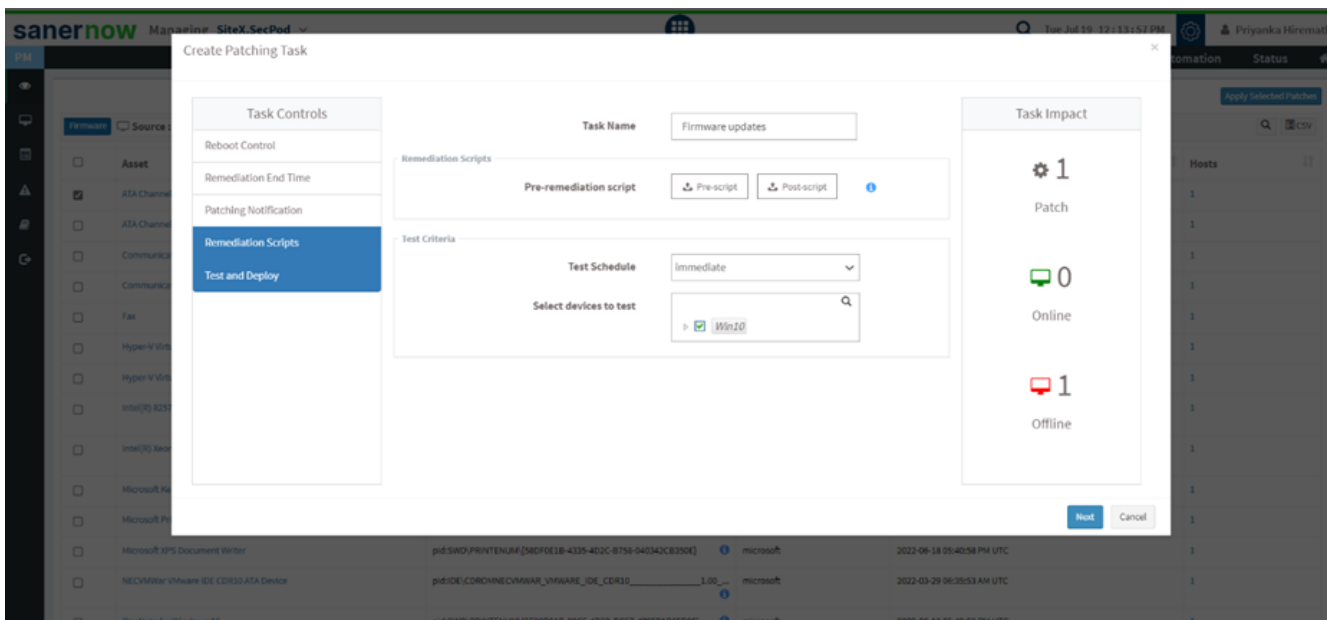


- Patching Notification: you can give a patching notification start message and end message. With this, you will be notified of the patching activity.



8. Remediation Scripts: You can upload pre-remediation scripts and post-remediation scripts in the given file formats:

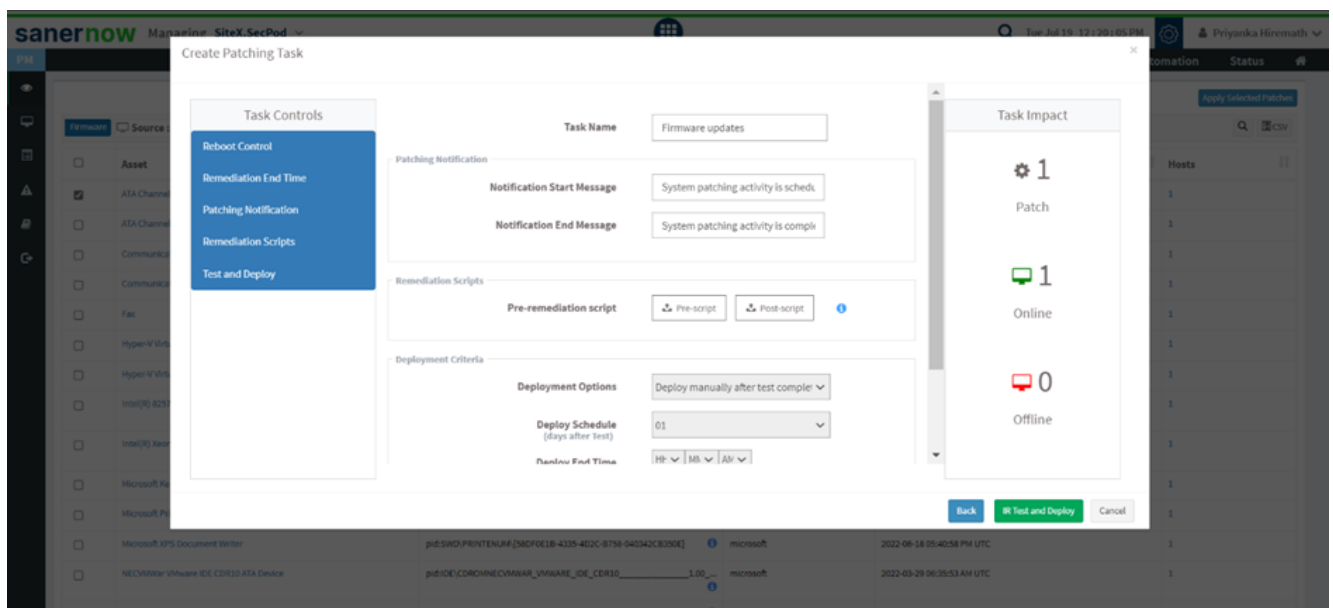
- Windows: inf, reg, ps1, bat, exe, msi, msp
- Linux: sh, deb, rpm
- macOS: sh, pkg, dmg (pkg, app)



9. Click here to learn how to test and deploy patches in SanerNow: [How to apply missing patches in SanerNow? – SecPod – Documentation](#)

10. Click on **IR test and deploy**. Your job will be created to apply the firmware update.





You successfully created a task for a firmware update!