How to apply missing patches in SanerNow?

SanerNow lists all the security and non-security missing patches and allows remediation for the same. Let us learn how to apply missing patches in SanerNow.

1. In Sanernow, go to the **Patch management dashboard**.

Sanernow Managing SiteX.Se	cPod 🗸	•			Q Sun Jul 17 4:0	4 : 44 PM 🔘 🛔 Priyan	ka Hiremath 🗸
PM		Missing	Patches Most Criti	cal Patches	Firmware Rollback	Automation State	us 👫
Device Compliance	i≣csv Asset	s Compliance		CSV F	Patch by Severity		🗑 CSV
C-	Up-to-date Devices Devices Missing Patch		 Up-to-date Asset Assets Needing 1 Vulderable Asset no Patches 	s Patch s with	20.25 41.25	Critical Sigh Medium Low	
2757 vul	nerabilities	326 P	atches			5 Devices	
Security Patches 🖵 🐑 🖵 Source : All	Groups SOS: All OS Family: All selected (3)	Severity: All selected (4)	🔹 Status : 🖵 🖵 🗮			search Q	ICSV 15 🗸 🌒
Host Name IT d	Operating System	IT Group IT	Patch IT	Size	lî Risk ↓F	Status	0
d qa-ubuntux64-14	Ubuntu v18.04 architecture x86_64	new_group5	235 patches 🔶	248.4 MiB	1867	↓ ■ Ø 🗢	0
d sp-oval-ubuntu-21.10	Ubuntu v21.10 architecture x86_64	new_group5	77 patches 🕹	283.3 MiB	437	₽≡₩ ♥	•
📑 sp-nagraj-laptop 🕴	Microsoft Windows 10 v21H2 architecture AMD64	Win10	8 patches 🔶	526.7 MiB	271	📒 ⊘ 🗢	0
vm-win10-pro-34.trs.secpod	Microsoft Windows 10 v21H2 architecture AMD64	Win10	4 patches 🔶	273.5 MiB	157	🖵 😐 🔒 🗢	0
			a contractor de				-

2. In the patch management dashboard, click on **Missing patches**.

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		Mi	ssing Patches Most Criti	cal Patches	Firmware Ro	ollback Automation	Status 🕈
Device Compliance	II CSV	Assets Compliance		CSV	Patch by Severity	1	
BX	Up-to-date Devices Devices Missing Patch	255	 Up to-date Asset Assets Needing 1 Vulnozable Asset no Patches 	s Patch s with		32.25 37.45 41.25	i Critical High Medium Low
2757	Vulnerabilities	32	6 Patches			5 Devices	
Security Patches 🖵 😥 🖵 Source	: All Groups EOS : All OS Family : All :	elected (3) - Severity : All select	ed (4) - Status : 🖵 🖵 🗮	= = <u>×</u>		search	Q. 🗮 CSV 15 🗸
Host Name	Operating System	11 Group	IT Patch IT	Size	IT Risk	↓F Status	
🧔 qa-ubuntux64-14	Ubuntu v18.04 architecture x86_64	new_group5	235 patches 🔶	248.4 MiB	1867	무 표 🖉 🕈	0
sp-oval-ubuntu-21.10	Ubuntu v21.10 architecture x86_64	new_group5	77 patches 🔶	283.3 MiB	437	🖵 🗄 👍 🕈	
📑 sp-nagraj-laptop	Microsoft Windows 10 v21H2 architecture	AMD64 Win10	8 patches 🔶	526.7 MiB	271	= Ø 🗢	
vm-win10-pro-34.trs.secpod	Microsoft Windows 10 v21H2 architecture	AMD64 Win10	4 patches 🗣	273.5 MiB	157	Q = 4 7	
			and a first state of the state				

3. You will be displayed with all the missing patches, assigned vendor, asset name, patch size, and other details.

san	erno	W Managing SiteX.SecPod	~		•	۵	Sun Jul 17 4:10:32 PM	(j) 🔺 P	riyanka Hiremath
РМ					Missing Patches M	ost Critical Patches Firmware	Rollback A	utomation	Status 🖷
۰								1	Apply Selected Patches
₽	Security	ion-security 🖵 Source : All Groups 🖬	Operating System : All OS Family : 🗹	Windows 🗹 Linux	Mac Severity : 🗹 Critical	🗹 High 🗹 Medium 🗹 Low Typ	pe : 🗹 Third Party		Q. CSV
Β		Asset	h Patch	Vendor	11 Size	11 Date	IT Reboot I	Risk	Hosts II
▲		7-zip x86	7-zip-22.00-x86.exe	0 7-zip	1.2 MB	2022-06-29 05:35:56 AM UTC	FALSE	High	2
		accountsservice	accountsservice 0.6.55-Oubuntu14.1	o ray_stode	58.7 KB	2022-05-31 11:43:24 AM UTC	FALSE	High	1
œ	0	Adobe Acrobat Reader DC 2020 Classic	acrobat_reader_dc_classic-20.005.30362-wi	adobe	272.3 MIB	2022-07-16-05:57:46 PM UTC	FALSE	Critical	1
		Adobe Reader 9 x86 (Outdated)	acrobat_reader_dc_continuous-22.001.201.	adobe	315.5 Mi8	2022-07-16 05:04:08 PM UTC	FALSE	Critical	1
		apache2	apache2 2.4.20-1ubuntu4.25	0 apache	92.9 K/B	2022-06-16 01:54:57 PM UTC	FALSE	Critical	1
		арроп	apport 2.20.9-0ubuntu7.28	apport	122.7 KiB	2022-04-27 11:08:22 AM UTC	FALSE	Critical	2
		apt	apt 1.6.32ubuntu0.2	0 apt	1.1 MB	2022-04-27 11:08:22 AM UTC	FALSE		1
		aptdaemon	aptdaemon 1.1.1+bzr982-Oubuntu19.5	sebastian_beinlein	13.2 Kiß	2022-06-16 01:54:56 PM UTC	FALSE		1
		aspell	aspell 0.60.7~20110707-4ubuntu0.2	0 aspell	65.7 KiB	2022-06-16 01:54:57 PM UTC	FALSE	High	1
		avahi-autoipd	avahi-autoipd 0.7-3.5ubuntu1.3	o avahi-autoipd	37.5 Kiß	2022-06-16 01:54:57 PM UTC	FALSE		1
		avahi-daemon	avahi-daemon 0.7-3.1ubuntu1.3	0 avahi	60.9 KiB	2022-06-16 01:54:57 PM UTC	FALSE		1
		avahi-utils	avahi-utils 0.7-3.1ubuntu1.3	avahi-utils	24.1 KIB	2022-06-16 01:54:57 PM UTC	FALSE		1
		bash	bash 4.4.18-2ubuntu1.3	0 gnu	600.2 KiB	2022-03-29 05:12:27 AM UTC	FALSE	High	1

- 4. You have got multiple filters to set and apply the patches.
 - You can select security patches or non-security patches
 - You can choose the group of devices to apply the patches
 - Also, you can apply patches based on operating systems
 - You can get the list of patches based on the severity of the vulnerability
 - You can also list the third-party patches

san	erno	W Managing SiteX.SecPoo	d ~		•		Q Sun	Jul 17 4:10:32 PM	(c) 🔺 Pr	iyanka Hiremath	
PM					Missing Patche	is Most Cri	itical Patches Firmware	Rollback Au	tomation	Status 🐗	
•									E	opply Selected Patche	
₽	Security	ion-security Source : All Groups	II Operating System : All OS Family :	Windows	s 🗹 Linux 🗹 Mac Severity: 🕻	🖌 Critical 🔽 H	igh 🗹 Medium 🗹 Low Type: 🕻	Third Party		Q. CSV	
8		Asset	11 Patch	11 Vende	dor It	Size 11	Date	Reboot 1	Risk 👘	Hosts 1	
▲		7-zip x86	7-zip-22.00-x86.exe	0 7-zip		1.2 MiB	2022-06-29 05:35:56 AM UTC	FALSE	High	2	
@	0	accountsservice	accountsservice 0.6.55-Oubuntu14.1	o ray_str	tode	58.7 KiB	2022-05-31 11:43:24 AM UTC	FALSE	High	1	
œ	0	Adobe Acrobat Reader DC 2020 Classic	acrobat_reader_dc_classic-20.005.30382	wt adobe	e	272.3 MIB	2022-07-16 05:57:46 PM UTC	FALSE	Critical	1	
		Adobe Reader 9 x85 (Outdated)	acrobat_reader_dc_continuous-22.001.2	ot adobe	•	315.5 MIB	2022-07-16 05:04:08 PM UTC	FALSE	Critical	1	
		apache2	apache2 2.4.29-1ubuntu4.25	epache	14 14	92.9 KiB	2022-06-16 01:54:57 PM UTC	FALSE	Critical	1	
		apport	apport 2.20.9-0ubuntu7.28	0 apport	t.	122.7 KiB	2022-04-27 11:08:22 AM UTC	FALSE	Critical	2	
		apt	apt 1.6.12ubuntu0.2	0 apt		1.1 M/B	2022-04-27 11:08:22 AM UTC	FALSE		1	
		aptdaemon	aptdaemon 1.1.1+bzr982-Oubuntu19.5	8 sebast	tian_heinlein	13.2 Ki6	2022-06-16:01:54:58 PM UTC	FALSE		1	
		aspell	aspell 0.60.7~20110707-4ubuntu0.2	0 aspell	1	65.7 KiB	2022-06-16:01:54:57 PM UTC	FALSE	High	1	
		avahi-autoipd	avahi-autoipd 0.7-3.5ubuntu5.3	0 avahi-	-autoipd	37.5 KiB	2022-06-16 01:54:57 PM UTC	FALSE		1	
		avahi-daemon	avahi-daemon 0.7-3.1ubuntu1.3	0 avahi		60.9 KiB	2022-06-16 01:54:57 PM UTC	FALSE		1	
		avahi-utils	avahi-utils 0.7-3.1ubuntu1.3	0 avahi-	-vt/s	24.1 KIB	2022-06-16:01:54:57 PM UTC	FALSE		1	
		bash	bash 4.4.18-2ubuntu1.3	0 gnu		600.2 KIB	2022-03-29 05:12:27 AM UTC	FALSE	High	1	

5. Manually select the patches from the check box and click on **Apply Selected Patches**.

san	erno	W Managing SiteX.SecPoo			(•	c	Mon Jul 18	11:41:01 AM	ô 🔺	Priyanka Hiro	emath 🗸
РМ						Missing Patches Most	Critical Patches Firm	ware Ro	llback Aı	tomation	Status	*
•											Apply Selected	d Patches
Ψ.	Security	Non-security Source : All Groups	Operating System : All (S Family: 🗹 W	indows 🗹 Linux 🗹	Mac Severity : 🗹 Critical 🔽	High 🗹 Medium 🛃 Low	Type : 🗹 Ti	ird Party		Q	CSV
	0	Asset	11 Patch		Vendor	11 Size	11 Date	Lî R	boot 1	Risk	Hosts	
▲		7-zip x86	7-zip-22.00-x86.exe	0	7-zip	1.2 MiB	2022-06-29 05:35:56 AM UTC	FA	LSE	High	2	
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œ	2	Adobe Acrobat Reader DC 2020 Classic	acrobat_reader_dc_class	sic-20.005.30362-wf	adobe	272.3 168	2022-07-16 05:57:46 PM UTC	FA	LSE	Critical	1	
		Adobe Reader 9 x85 (Outdated)	acrobat_reader_dc_cont	inuous-22.001.201	adobe	315.5 M B	2022-07-16 05:04:08 PM UTC	FA	LSE	Critical	1	
		apache2	apache2 2.4.29-1ubuntu	us 0	apache	92.9 KiB	2022-06-16 01:54:57 PM UTC	FA	LSE	Critical	1	
		apport	apport 2.20.9-0ubuntu7.	28 0	apport	122.7 KiB	2022-04-27 11:08:22 AM UTC	FA	LSE	Critical	2	
	0	apt	apt 1.6.12ubuntu0.2	0	apt	1.1 MIB	2022-04-27 11:08:22 AM UTC	FA	LSE		1	
		aptdaemon	aptdaemon 1.1.1+bzr962	-Oubuntu 19.5 0	sebastian_heinlein	13.2 K/B	2022-06-16 01:54:58 PM UTC	FA	LSE		1	
	0	aspell	aspell 0.60.7~20110707-4	lubuntu0.2 0	aspell	85.7 KIB	2022-06-16 01:54:57 PM UTC	FA	LSE	High	1	
		avahi-autoipd	avahi-autoipd 0.7-3.5ubi	ntu1.3 0	avahi-autoipd	37.5 KiB	2022-06-16 01:54:57 PM UTC	FA	LSE		1	
		avahi-daemon	avahi-daemon 0.7-3.1ub	untu1.3 ()	avahi	60.9 KIB	2022-06-16 01:54:57 PM UTC	FA	LSE		1	
		avahi-utils	avahi-utils 0.7-3.1ubuntu	1.3 0	avahi-utils	24.1 KB	2022-06-16 01:54:5T PM UTC	FA	LSE		1	
	0	bash	bash 4.4.18-2ubuntu1.3	0	gnu	600.2 KiB	2022-03-29 05:12:27 AM UTC	FA	LSE	High	1	

6. You will be displayed with create patching task window.

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PM			Create Patching Task						mation	Status 🐗
۲										Apply Selected Patches
Ģ	Security	Non-security	Task Controls		Task Name	task name *		Task Impact		Q III CSV
		4	Reboot Control		Remarkation Calendaria			. 1		t Harts II
		Asset	Remediation End Time		Remediation Schedule	select time to apply"	~	¢Τ		nosts of
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		avahi-dae						Apply Selected Patches	Cancel	
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			basi	4.4.18-2ubuntu1.3	0 gnu	600.2 KiB	2022-03-29 05:12:27 AM UTC	FALSE		

7. You get various Task Controls to apply missing patches. Here, assign the task name and schedule the remediation time.

You can immediately apply patches

sa PM	nerno	W Ma	naging_SiteX.SecPod_× Create Patching Task					O Mon Jul 18 11:51:	37 AM	🛔 Priyanka Hiremath 🗸
		Non-security Asset 7-219 x88 accounts Adobe Ro apache2 apport apt apt apt apt apt apt apt apt aspell axah-au axah-au	Task Controls Reboot Control Remediation End Time Patching Notification Remediation Scripts Test and Deploy		Task Name Remediation Schedule	Apply missing patches Immediate	▶ ▶	Task Impact 1 Patch 2 Online 0 Offline		Scatus W Apply Scatce Pather Apply Scatce Pather I Hosts II I I I
		avahi-utils bash	avahi-s	tils 0.7-3.1ubuntu1.3	avahi-utils gnu	24.1 K/B 600.2 K/B	2022-06-16 01:54:57 PM UTC 2022-03-29 05:12:27 AM UTC	FALSE		

You can apply patches after the scheduled scan

sar	nerno	W Mana	aging_SiteX.SecPod ~			A		O Mon Jul 18 11:51:43	u (j) 4	Priyanka Hiremat
РМ			Freate Patching Task						× mation	Status 🖸
•	Security	Non-security	Task Controls		Task Name	Apply missing patches		Task Impact		oply Selected Patches
		Asset	Reboot Control		Remediation Schedule	after scheduled scan	~	¢1	. II	Hosts It
A		7-zip x86	Remediation End Time Patching Notification					Patch		
		Adobe Act	Remediation Scripts						tal.	
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		Adobe Re						Online	cal .	
		apache2							sal	
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		avahi-utils		vahi-utils 0.7-3.1ubuntu1.3	0 avahi-utils	24.1 KiB	2022-06-16 01:54:57 PM UTC	FALSE		
			t	ash 4.4.18-2ubuntu1.3	0 gru	600.2 KiB	2022-03-29 05:12:27 AM UTC	FALSE		

You can apply patches on a custom date

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РМ			Create Patching Task						× mation	Status	4
۲			Task Controls					Task Impast	6	pply Selected	stches
	Security	Non-security	Task Controis		Task Name	Apply missing patches		Task impact		٩	a csv
		Asset	Reboot Control		Remediation Schedule	custom date	~	⇔ 1	. 11	Hosts	
A	22	7-zio x86	Remediation End Time					¥Τ			
			Patching Notification		Job execution date	2022-07-18 11:45:AM		Patch			
		Adaba ta	Remediation Scripts								
G		ABODE AD	Test and Deploy					□2			
		Adobe Re							cal		
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		avahi-dae						Apply Selected Patches Cance			
			ava	hi-utils 0.7-3.1ubuntu1.3	avahi-utils	24.1 KIB	2022-06-16 01:54:57 PM UT	C FALSE			
	O	bash	bar	h 4.4.18-2ubuntu1.3	O gnu	600.2 KIB	2022-03-29 05:12:27 AM UT	C FALSE	High	1	

- 8. You can schedule the reboot time from the Reboot control option.
 - Do not reboot

sar	nerno	W M	anaging SiteX.SecPod ~					Mon Jul 18 11:53	1:52 AM	🛔 Priyanka Hirem	ath 🤊
РМ			Create Patching Task						^ mat	on Status	ŵ
۲										Apply Selected Patche	
₽.	Security	Non-security	Task Controls		Task Name	Apply missing patches		Task Impact		Q Ecsv	
		Asset	Reboot Control	R	emediation Schedule	custom date	*	6 1		It Hosts B	
▲		7-zip x86	Remediation End Time					≁ 1			
₽		accounts	Patching Notification	Reboot Control	Job execution date	2022-07-18 11:45:AM		Patch			
G		Adobe Ap	Remediation Scripts		Reboot Schedule	Do not reboot	~		cal		
_			Test and Deploy					P 2			
		Adobe Re						Online	sat		
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		aptdaeme						Offline	um		
		aspell									
		avahi-aut							um		
		avahi-dae						Apply Selected Patches	Cancel		
		avahi-utils	avahi-sti	is 0.7-3.1ubuntu1.3	avahi-utils	24.1168	2022-06-16 01:54:57 PM UT	C FALSE			

 Reboot automatically: Once the patch is applied, the system gets rebooted automatically with a prior reboot notification.

Sa PM	nerno	DW Ma	naging SiteX.SecPod ~ Create Patching Task			A	O Mon Jul 18 11:54:02	AM () & Pri	yanka Hiremath Status 🔗
0 I E	Security	Non-security	Task Controls Reboot Control		Task Name	Apply missing patches	Task Impact	Apply	Selected Patches
4		Asset 7-zip x86	Remediation End Time Patching Notification	R. L. J. C. J. J.	Remediation Schedule Job execution date	custom date V 2022-07-18 11:45:AM	☆ 1 Patch	2 LT H	asts IT
G		Adobe Acr	Remediation Scripts Test and Deploy	Report Control	Reboot Schedule Reboot message	Reboot automatically	₽2	cal 1	
		apache2 apport					Online	tal 1	
		apt aptdaeme					Offline	um 1	
		aspeli avahi-aut						1 um 1	
		avahi-dae avahi-utils bash	avahi-utils bash 4.4.1	0.7-3.1ubuntu1.3	0 avahi-utils 0 gnu	24.1 K/B 2022-06-16 01:54:57 PM 600.2 K/B 2022-03-29 05:12:27 AM	Apply Selected Patches Cano UTC FALSE	Medium 1 High 1	

• Schedule date and time: You can schedule a date and time with a reboot message.

sai	nerno	W Manar	ring SiteX.SecPod ~			A	Q Mon Jul 18 11:5	4:29 AM 🕜 🛔 Priyanka Hiremati
РМ			Create Patching Task					tomation Status 🕫
	_		Task Controls				Task Impact	Apply Selected Patches
	Security	Non-security	Reboot Control		Task Name	Apply missing patches		Q CCV
		Asset	Remediation End Time		Remediation Schedule	custom date 🗸 🗸	¢1	UT Hosts UT
A	2	7-zip x86	Patching Notification		Job execution date	2022-07-18 11:45:AM	Patch	2
8		accountsser	Remediation Scripts	Reboot Control				1
C+		Adobe Acrol	Test and Deploy		Reboot Schedule	Schedule date and time	□ 2	* 1
		Adobe Read			Reboot date time	eboot date	Online	al 1
		apache2			Reboot message	< Jul 2022 >	Online	al I
		apport				Su Mo Tu We Th Fr Sa		al 2
		apt				26 27 28 29 30 1 2	U	um 1
		aptdaemon				10 11 12 13 14 15 16	Offline	um 1
		aspell				17 18 19 20 21 22 23		1
		avahi-autoip				24 25 26 27 28 29 30		um 1
		avahi-daemi				31 1 2 3 4 5 6	Apply Selected Patches	Cancel am 1
			avahi-utik	0.7-3.1ubuntu1.3	0 avahi-utils	12 ¥ : 00 ¥ AM ¥ 200	5-16 01:54:57 PM UTC FALSE	Medium 1
		bash	bash 4.4.1	8-2ubuntu1.3	0 gru	Cancel Apply 3433	3-29 05:12:27 AM UTC FALSE	High 1
			bind9		0 lac	Unspecified 2022-06	6-27 06:42:21 AM UTC FALSE	Critical 1

Note: This value specifies the local date and time at which reboot will be mandated on all endpoints. Logged-in users can postpone reboot on their machines until this datetime value is reached. A prompt will appear on the user's screen before initiating a reboot.

• Remediation End Time: Remediation will be completed at the specified time.

sa PM	nerno	DW Mar	Create Patching Task			•		Q Mon Jul 18	11:59:12 AM ×	Priyanka Hirema
0 IP II 4	Security	Non-security Asset 7-zip x86	Task Controls Reboot Control Remediation End Time		Task Name Remediation Schedule Job execution date	Apply missing patches custom date 2022-07-18 11:45:AM	~	Task Impact		Apply selected futcher Q. Ecsy If Hosts If 2
₽ (+		Adobe Acrob Adobe Read	Remediation Scripts Test and Deploy	 Remediation End Time 	Remediation End Time	02 v 01 v PH v		□ 2 Online		1 1 1
		apache2 apport apt aptdaemore						₽ 0 Offline	*	1 2 1
		aspell avahi-autop avahi-daem						Apply Selected Patches	Cancel	
			avahi bash- bind9	utis 0.7-3.1ubumu1.3 .4.18-2ubumtu1.3	0 avahi-utis 0 gru 0 isc	24.1 KB 600.2 K0 Unspec	8 2022-06-16 01:5 8 2022-03-29 05:1 field 2022-06-27 06.4	457 PM UTC FALSE 227 AM UTC FALSE 221 AM UTC FALSE	Medium High Oritical	1

 Patching Notification: Give notification start message and notification end message so that you can be informed about the patching activity.

Sa PM	nerno	DW Manar	ring SiteX.SecPod ~ Create Patching Task			A	0	fon Jul 18 11:59:18 AM ×	omation Status
8]] [] [] [] [] [] [] [] [] [] [] [] []		Non-security Asset 7-zip x86 accountsen Adobe Aceco Adobe Reach apache2	Task Controls Reboot Control Remediation End Time Patching Notification Remediation Scripts Test and Deploy	Putching Notification	Task Name Remediation Schedule Job execution date Notification Start Message Notification End Message	Apply missing patches custom date 2022-07-18 11:45:AM System patching activity is schedul System patching activity is complet	Task P O	Impact F 1 atch P 2 nline	Apply Selected Public Q. Elsow II Hosts II 2 1 II 3 II III 4 3 III
		apport apt aptdaemon aspell avahi-autoip					01	D O	
		avahi-daem avahi-utils	avahi-uti	s 0.7-3.10buntu1.3	0 avahi-usis	24.1 K/B 2022	Apply Solv 2:06-16:01:54:57 PM UTC	ded Patches Cancel	a 1 a 1
		bash bind9	bash 4.4. bind9	8-2ubuntu1.3	0 gru 0 isc	600.2 KiB 2022 Unspecified 2022	2-03-29 05:12:27 AM UTC 2-06-27 06:42:21 AM UTC	FALSE High	1

9. 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)

sa _{PM}	nerno	OW Mara	aring SiteX.SecPod ~ Create Patching Task							Q	Mon Jul 18 11:5	9:32 AM ×	🗿 🔺 mation	Priyanka H Status	liremath A
e	Security	Non-security	Task Controls			Task Name	Apply missing	patches		Tas	k Impact		K	sply Selected (Tatches
		Asset	Reboot Control Remediation End Time		Re	mediation Schedule	custom date		~	4	¢1			Hosts	
B		accountsser	Patching Notification Remediation Scripts	Remediation Scripts		Job execution date	2022-07-18 1	Post-script	0	1	Patch				
		Adobe Read	Test and Deploy								₽ 2				
		apache2 apport										a a			
		apt aptdaemon								c	D ffline	-			
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		avahi-daema avahi-utils	avahi-util	10.7-3.1uburtu1.3	0	avahi-utis		241168	2022-06-16 01:54:57 PM UTC	Apply Se	FALSE	ancel am			
		bash bind9	bash 4.4.1 bind9	8-2ubuntu1.3	0	gru isc		600.2 KiB Unspecified	2022-03-29 05:12:27 AM UTC 2022-06-27 06:42:21 AM UTC		FALSE	High			

10. Click on Apply Selected Patches.

sar _{PM}	nerno	DW Mana	ring_SiteX.SecPod → Create Patching Task			A		Q Mon Jul 18 12:07:	tomation	🌢 Priyanka Hiremath 🗙 Status 🏘
•	Security	Non-security	Task Controls Reboot Control		Task Name Remediation Schedule	Apply missing patches		Task Impact		Apply Selected Patches
▲ ₽		7-zip x80 accountsser	Patching Notification Remediation Scripts	 Remediation End Tim 	e Remediation End Time	02 V 02 V Ab V		Patch		
G		Adobe Acrot	Test and Deploy	Patching Notification	Notification Start Message	System patching activity is schedu]	₽ 2 Online	-	
		apache2 apport apt		Remediation Scripts	Notification End Message	System patching activity is compl-		— 0	k k	
		aptdaemon aspell			Remediation scripts	🕹 Pre-script	•	Offline	m	
		avahi-autoip avahi-daema avahi-utils	avahé utils 0	7-3.1ubuntu1.3	0 avahi-utils	2411KB	2022-06-16 01:54:57 PM UTC	Apply Selected Patches Cano	el um Medium	
	0	bash bind9	bath 4.4.18- bind9	Wountul.3	0 gru 0 ix	600.2 KB Unspecified	2022-03-29 05:12:27 AM UTC 2022-06-27 06:42:21 AM UTC	FALSE	High Critical	1

How to test and deploy Patches in SanerNow

To deploy the right and compatible patches, SanerNow facilitates testing the patches before applying. Let us know how to test and deploy patches in SanerNow.

1. In create patching task window, click on **Test and deploy task controls**.

san M	erno	W Man	create Patching Task						Q Mon Jul 18 12:34	Kons PM	Priyanka Hin tion Status	emath A
	Security	Non-security	Task Controls		Task Name	test and depl	ov task	- [Task Impact		Apply Selected Pat	and a
			Reboot Control	Test Criteria			.,					
		Asset	Remediation End Time		Test Schedule	select time to	apply*	~	¢1		+1 Hosts	
		accounting	Patching Notification		Calart dauleas to tast	-select time to	apply*		Patch			
		Adobe Acrot	Remediation Scripts		Select Gevices to test	after schedule	discan					
Ľ.			Test and Deploy			Contonioure			P 2			
- 1		Adobe Read							Online			
- 1		apache2								×		
- 1		apport								×		
- 1		apt							-0	-		
- 1		aptdaemon							Offline	-		
- 1		aspell										
- 1		avahi-autoip							_			
		avahi-daeme							Next C	ancel um		
			avahi-util	0.7-3.1ubuntu1.3	0 avahi-utils		24.1 KB	2022-06-16 01:54:57 PM UTC	FALSE			
		bash	bash 4.4.1	8-2ubuntu1.3	0 gru		600.2 KiB	2022-03-29 05:12:27 AM UTC	FALSE			
			bind9		O isc		Unspecified	2022-06-27 06:42:21 AM UTC	FALSE			

2. In **Test Criteria**, assign the task name and schedule the test immediately, after a scheduled scan, or on a custom date.

sa _{PM}	nerno	DW Man	aring SiteX.SecPod ~ Create Patching Task			A		Q Mon Jul 18 12:00:0	apm. () × tomation	🛔 Priyanka Hiremath Status 🖷
	Security	Non-security	Task Controls		Task Name	Test and deploy task		Task Impact		Apply Selected Patches
		Asset 7-zip.x86	Remediation End Time Patching Notification	- Test Criteria	Test Schedule	Immediate	~	⇔ 1 Patch	: 41	Hosts II
		Adobe Acrob	Remediation Scripts Test and Deploy		Select devices to test	> Win10	Q	□ 2	×	
		Adobe Reads						Online	ai ai	
		apport apt						₽0	al un	
		aptdaemon aspell						Offline	um	
		avahi-autoip avahi-daem		1				Next		
			avahi utis 0 bash 4.4.18-	7-3.1ubuntu1.3	0 avahi-usis 0 gnu	24.1 K08 600.2 K08	2022-06-16 01:54:57 PM UTC 2022-03-29 05:12:27 AM UTC	FALSE FALSE		

sa PM	nerno	OW Man	Greate Patching Task			A		Q Mon Jul 18 12:00:09	PM () 4	Priyanka Hirem. Status
•	Security	Non-security	Task Controls Reboot Control		Task Name	Test and deploy task		Task Impact		Apply Selected Patcher
A 8 6		Asset 7-zip x88 accountseen Adobe Acros	Remediation End Time Patching Notification Remediation Scripts	Test Criteria	Test Schedule Select devices to test	after scheduled scan	~ Q,	⇔ 1 Patch		Hosts // 2 1 1
		Adobe Read	Test and Deploy					₽2 Online		
		apport apt aptdaemon aspeli						☐ 0 Offline	an um	
		avahi-autois avahi-daema avahi-utila	avahë uti	0.7-3.1ubuntu1.3	0 avahivotis	24.1 KB	2022-06-16 01:54:57 PM UTC	Next Cancel	an an Medun	
	0	bind9	bash 4.4.3 bind9	2.burtu1.3	0 jnc	600.2 KB Unspecified	2022-03-29 05:12:27 AM UTC 2022-06-27 06:42:21 AM UTC	FALSE	Critical	1

sa	nerno	DW Man	aging SiteX.SecPod v			A			Q Mon Jul 18 12:00:21	PM 🔿	🛔 Priyanka Hiremat
РМ			Create Patching Task							× tomation	Status 🖸
•	Security	Non-security	Task Controls		Task Name	Test and depl	oy task		Task Impact		Apply Selected Patches
		Annat	Reboot Control	Test Criteria					. 1		Hosts []
A		7-zio x86	Remediation End Time		Test Schedule	custom date		~	¢1		2
P		accountseen	Patching Notification		Inhexecution date	2022-02-10.11	MARK		Patch		
		Adobe Acroit	Remediation Scripts		500 600000000000	2022-01-19-11	1400401	0			
U+			Test and Deploy		Select devices to test	⊳ 💌 Win10	1	~	₽2		
		Adobe Reads							Online	24	
		apache2								al le	
		apport								al	
		apt							U	um interest	
		aptdaemon							Offline	um.	
		aspell									
		avahi-autoip								-	
		avahi-daemi							Not Cance	-	
			avahi-utils	0.7-3.1ubuntu1.3	0 avaha-utils		24.1 K08	2022-06-16 01:54:57 PM UTC	FALSE		
			bash 4.4.1	-2ubuntu1.3	0 gru		600.2 KB	2022-03-29 05:12:27 AM UTC	FALSE		
	D	bind9	bind9		O isc		Unspecified	2022-06-27 06:42:21 AM UTC	FALSE	Critical	1

3. Now, select the devices to test the patches and click on **Next**.

- 4. In **Deployment Criteria**, you got three deployment options.
 - Deploy manually after test completion: The patches are tested in a test environment and then manually deployed to a production environment.

Sa	nerno	DW Man	Greate Patching Task			A	Q Mon Jul 18 12:01:4	A PM
۲								Apply Selected Patches
Ģ	Security	Non-security	Task Controls		Task Name	Test and deploy task	Task Impact	Q. BICSV
		Asset	Reboot Control	Deployment Criteria			a 1	IT Hosts IT
A		Triovid	Remediation End Time		Deployment Options	Deploy manually after test completi- 🗸	¢Τ	
	u o		Patching Notification				Patch	
		A CONTRACTOR	Remediation Scripts		(days after Test)	01 👻		
e		Adobe Acros	Test and Deploy		Select devices to deploy	Win10 search	□2	
		Adobe Read						sk 1
		apache2					Ontine	al 1
		apport						al 2
		apt					Ψ0	en 1
		aptdaemon					Offline	um 1
		aspel						1
		avahi-autoip						an 1
		avahi-daema					Back Test and Depkoy Selected Patches Cancer	4 m 1
			avahi-utils	0.7-3.1ubuntu1.3	0 avahi-utils	24.1 K/B 2022-06-1	6 01:54:57 PM UTC FALSE	Medium 1
		bash	bash 4.4.1	-2ubuntu1.3	0 gnu	600.2 K/B 2022-03-2	9 05:12:27 AM UTC FALSE	

 All test deployment succeeded with no failures: This condition states that if all the patches in the test environment are successfully deployed with no failures, the patches are deployed in the production environment.

sa	nerno	W Man	aging SiteX.SecPod ~			A		Mon Jul 18 12:01:5	ADM O	着 Priyanka Hirema
РМ			Create Patching Task						tomatio	n Status
										Apply Selected Patches
	Security	Non-security	Task Controls		Task Name	Test and deploy task		Task Impact		Q. Ecsv
		A	Reboot Control	Deployment Criteria				. 1		I Neste II
		7-tio x86	Remediation End Time		Deployment Options	All test deployment succeeded with	~	¢Ι		2
		accounting	Patching Notification		Deploy Schedule	01		Patch		1
		Adobe Acrol	Remediation Scripts		(days after Test)	04	·			1
			Test and Deploy		Select devices to deploy	Win10 search		Q 2		
		Adobe Read						Online	24	1
		apache2							24	1
		apport							al	2
		apt						ΨŪ		1
		aptdaemon						Offline	-	1
		aspell								1
		avahi-autoip							-	1
		avahi-daema					Back	Test and Deploy Selected Patches Cance	e	1
			avah+utis 0	7-3.1ubuntu1.3	avahi-utils	24.1 KB	2022-06-16 01:54:57 PM UT	C FALSE		1
		bash	bash 4.4.18-	Jubuntu 1.3	0 gru	600.2 KiB	2022-03-29 05:12:27 AM UT	C FALSE		1
					0 **	Unspacified	2022-06-27 06-42-21 4-410	e earse		1

 At least one test deployment succeeded with no failures: In this condition, at least one system in the testing environment has successfully deployed the patches. Later, patches will be deployed in a production environment.

san PM	erno	W Man	arine SiteX.SecPod ~ Create Patching Task			A	Q Mon Jul 18 1	12:01:59 PM X toma	Priyanka Hirema tion Status
•	Security	Non-security	Task Controls		Task Name	Test and deploy task	Task Impact		Apply Selected Patches
•	•	Asset 7-zipx86	Remediation End Time Patching Notification	– Deployment Criteria –	Deployment Options	Atieast one test deployment succees 🗸	⇔ 1 Patch		11 Hosts 11
₽ G•		accountsser Adobe Acrot	Remediation Scripts Test and Deploy		Deploy Schedule (days after Test) Select devices to deploy	01 ~	□2	-	
		Adobe Reads					Online	-	•
		apport apt					₽0	*	
		aptdaemon aspell					Offline		
		avahi-autoip avahi-daem		-			Back Test and Depkey Selected Patches	Cancel	
			avahi-utis bash 4.4.10	0.7-3.10b0ntu1.3	0 avah-utils 0 gru	24.1 Kill 2022- 600.2 Kill 2022-	06-16 01:54:57 PM UTC FALSE 03-29 05:12:27 AM UTC FALSE		

5. You can also schedule the patch deployment by selecting the number of days after the test is completed.

san	nerno	W Map	aging SiteX.SecPod ~						Mon Jul 18 12:01:	44.PM ()	🛔 Priyanka Hiremat
РМ			Create Patching Task							tomat	on Status 🕯
•	Security	Non-security	Task Controls		Task Name	Test and deploy	task]	Task Impact		Apply Selected Patches
		Asset 7-zipx86	Remediation End Time	– Deployment Criteria –	Deployment Options	Deploy manually a	after test completi- 🗸	·	¢1		11 Hosts 11
8 G		accountsser Adobe Acrob	Patching Notification Remediation Scripts		Deploy Schedule (days after Test)	01	v		Patch	si.	
		Adobe Read	Test and Deploy		Select devices to deploy	> Win10	Service.		Queline	si	
		apache2 apport							onine	al al	
		apt							Qffline	en.	
		apel									
		avahi-autoip avahi-daem						Back	Test and Deploy Selected Patches Can	cel um	
			avahi-utis	0.7-3.1ubuntu1.3	0 avahi-utils	2	4.1108 2	022-06-16 01:54:57 PM UTC	FALSE		
		bash bindž	bash 4.4.18	-2ubuntul.3	0 gru 0 isc	•	00.2 KB 2	022-03-29 05:12:27 AM UTC	FALSE		

6. Now, select the devices to deploy.

sa	nerno	DW Mar	Create Patching Task			A			Q Mon Jul 18 12	:01:44 PM	🍐 Priyanka H	iremath
e e										tomati	on Status	n atabes
Ģ	Security		Task Controls		Task Name	Test and depl	oy task	1	Task Impact		9	lov
		Arrat	Reboot Control	Deployment Criteria					- 1		IT Hosts	
A	2		Remediation End Time		Deployment Options	Deploy manual	ly after test completi-	-	¢Ι			
		accountsser	Patching Notification		Deploy Schedule	01			Patch			
G		Adobe Acrob	Remediation Scripts		(days after Test)		search			at		
			Test and Deploy		select derives to deploy	> Win10			P 2			
									Online			
										24		
									Ψ0	um.		
		aptdaemon							Offline	um		
		aspell										
										um		
		avahi-daem						Back	Test and Deploy Selected Patches	Cancel		
			avahi-ubi:	0.7-3.1ubuntu1.3	avahi-utils		24.1 KiB	2022-06-16 01:54:57 PM UTC	FALSE	Medium		
		bash	bash 4.4.3	8-2ubuntu1.3	0 gnu		600.2 KiB	2022-03-29 05:12:27 AM UTC	TALSE			
			bind9		O isc		Unspecified	2022-06-27 06:42:21 AM UTC	FALSE			

7. Click on Test and Deploy Selected Patches.

san PM	nerno	W Mana	ring SiteX.SecPod v Create Patching Task			A		Mon Jul 18 12:01:	A4 PM	🛓 Priyanka Hiremath 1 Status 🦷	
•	Security Non-security		Task Controls Reboot Control		Task Name	Test and deploy task	Test and deploy task			Apply Selected Patches	
•	0 8 0	Asset Asset 7-zip x86 accountsser	Remediation End Time Patching Notification Remediation Scripts	Deployment Criteria	Deployment Options Deploy Schedule (days after Test)	Deploy manually after test completi v		☆ 1 _{Patch}		Hosts 11 2 1 1 1	
G		Adobe Read-	Test and Deploy		Select devices to deploy	Win10 search		₽2 Ontine	al al		
		apport apt aptdaemon aspell						Contraction Offline	*		
		avahi-autoip avahi-daeno avahi-utiis	avahi-uti	10.7-3.1ubureu1.3	0 avah-otis	24.1 KB	2022-06-16 01:54:57 PM UT	Test and Deploy Selected Patches Car IC FALSE	ncel um Mechum		
			bash 4.4.1 bind9	8-2ubuntu1.3	0 gru 0 isc	600.2 KiB Unspecified	2022-03-29 05:12:27 AM UT 2022-06-27 06:42:21 AM UT	IC FALSE	Critical		

You have successfully created a task to test and deploy missing patches.