SL Workstation cybersecurity update ("PrintNightmare")





Seeing beyond

SL Workstation cybersecurity update ("PrintNightmare")

Please note: This document does not replace the user manual which is delivered with the device.

About the Update

"PrintNightmare" is a vulnerability affecting Microsoft Windows operating systems (OS). According to Microsoft, "a remote code execution vulnerability exists when the Windows Print Spooler service improperly performs privileged file operations. An attacker who successfully exploited this vulnerability could run arbitrary code with SYSTEM privileges. An attacker could then install programs; view, change, or delete data; or create new accounts with full user rights."

"PrintNightmare" does not affect the safety and performance of the ZEISS SL Workstation. Nevertheless, ZEISS would like to offer you an update for your ZEISS SL Workstation to fix the "PrintNightmare" vulnerability.

Required storage media

You will need an empty USB flash drive with at least 1 GB of storage capacity to download the update files to prior to installation.

Preparation

- Download the following files to the root directory of your USB flash drive:
 - LGPO.exe
 - PrintNightmare_1.lgpo.txt
 - Install_Patch_PrinterNightmare_CVE-2021-34527_Win-7.cmd

How to update your SL Workstation

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🚖 Favorites	Name	Date modified	Туре	Size			
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👔 Downloads	E LGPO.exe	13/04/2020 16:39	Application	470 KE			
📃 Recent Places	PrintNightmare_Llgpo.txt	21/07/2021 13:27	Text Document	2 KE			
🔚 Libraries							
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BACKUP (E:)							

Programs (1)	
cmd.exe	
Files (1)	
🛍 setup.ini	
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cma ×	Shut down

- 1. Power on the SL Workstation.
- 2. Connect the USB flash drive containing the update files.
- Copy all three files to the following location c:\Users\zeiss\Desktop\scripts. Check that the .cmd file name contains "Win-7".
- 4. Click the start menu icon in the system taskbar and enter "cmd" in the search field. A view similar to the image on the left appears.

Programs (1)	
cmd.e	Open
Files (1)	Run as administrator
setup.i 💦	Scan with Microsoft Security Essentials
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5. Right click on "cmd.exe" to open the context menu. Select "Run as administrator".



6. A new window appears on the PC screen. Select "Yes" to start the command prompt.

7. A command prompt with administrator rights opens. Enter "cd c:\Users\zeiss\Desktop\Scripts" and press Enter.



s\zeiss\Desktop\Scripts>Install_Patch_PrinterNightmare_CUE-2021-34527_Win-7.cmd

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: 1 LGPO compiled and registered.

(NOT) WIN32_EXIT_CODE : Ø (ØxØ SERVICE_EXIT_CODE : Ø (ØxØ CHECKPOINI : Øx3 WAIT_HINT : Øx4e2Ø shared resource does not exist.

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help is available by typing NET HELPMSG 2310.

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WIN32_EXIT_CODE SERVICE_EXIT_CODE CHECKPOINT WAIT_HINT

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NAME: spooler TYPE STATE WIN32_EXIT_CODE SERVICE_EXIT_CODE CHECKPOINT WAIT_HINT PID FLAGS

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Print spooler service restarted ress any key to continue . .

NAME: TYPE STATE lud

PID FLAGS

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Nightmare_CVE-2021-34527_Win-7.4

8. After the directory has been changed, enter "Install" and
press the TAB key. The filename should be completed as
shown in the image on the left. Press Enter to continue.

- 9. The script is executed.
- 10. After the script has run successfully and completely, restart the computer for the changes to become effective.

Programs (1)
Type: Microsoft Common Console Document Size: 143 KB Date modified: 10/06/2009 22:47
₽ See more results
gpedit.msc × Shut down +

11. After the restart, click the start menu icon in the taskbar. Enter "gpedit.msc" in the search field. Click on the item that appears in the list to open the group policy settings.

Administrative Templates



Image: Compare Analysis Protect Image: Compare Analysis Image: Comp	

12. The following message will appear two times. Confirm the message with "OK".

13. The group policy settings window opens. Go to"Computer Configuration" > "Administrative Templates""Printers".

Check that the setting for "Point and Print Restrictions" is set to "Enabled" and "Allow Print Spooler to accept client connections" is set to "Disabled".

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