

TP_AP Proxmox | Quentin BAUCHET/Romain VINCENT

MISSION 4 : Solutions techniques USB

-Vous mettrez également en place des solutions techniques pour interdire l'usage des clés USB au sein de l'entreprise TGPLUS.

Nous avons procédé à la mise en place de solutions techniques pour interdire l'usage de la clé USB.

Exemple :

- `etc/modprobe.d/usb-storage.conf`:

The screenshot shows a terminal window titled 'folgado@debian8: ~'. The window contains the nano text editor editing the file '/etc/modprobe.d/usb-storage.conf'. The file content is 'blacklist usb-storage'. The terminal shows the command 'update-initramfs -u' being executed, which generates a new initrd image. The terminal output is as follows:

```

folgado@debian8: ~
Fichier  Édition  Affichage  Rechercher  Terminal  Aide
GNU nano 2.2.6  Fichier : /etc/modprobe.d/usb-storage.conf

blacklist usb-storage

[ Lecture de 1 ligne ]
^G Aide      ^O Écrire    ^R Lire fich.^Y Page préc.^K Couper    ^C Pos. cur.
^X Quitter   ^J Justifier ^W Chercher  ^V Page suiv.^L Coller    ^T Orthograp.

root@debian8:~# update-initramfs -u
update-initramfs: Generating /boot/initrd.img-3.16.0-4-686-pae
root@debian8:~#

```

puis reboot pour activer les changements.

USB Branché sur le srv physique : (apparaît sur pmox mais pas sur la Debianfolgado preuve que cela à

marché).

- En conclusion uniquement l'admin peut mettre des clés USB.

```
folgado@debian8:~$ lsusb
Bus 001 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub
folgado@debian8:~$
```

```
pmox1 login: root
Password:
Last login: Fri Feb  6 09:40:25 CET 2026 on tty1
Linux pmox1 4.10.17-3-pve #1 SMP PVE 4.10.17-23 (Tue, 19 Sep 2017 09:43:50 +0200) x86_64

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
root@pmox1:~# lsusb
Bus 002 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub
Bus 008 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub
Bus 007 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub
Bus 006 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub
Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub
Bus 005 Device 012: ID 413c:2113 Dell Computer Corp.
Bus 005 Device 014: ID 413c:301a Dell Computer Corp.
Bus 005 Device 010: ID 05e3:0606 Genesys Logic, Inc. USB 2.0 Hub / D-Link DUB-H4 USB 2.0 Hub
Bus 005 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub
Bus 004 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub
Bus 003 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub
root@pmox1:~#
```