


```
/usr/local/bin/check_clone.sh
```

```
#!/bin/bash

CONF="/etc/vm_protect.conf"
UUID_NOW=$(cat /sys/class/dmi/id/product_uuid)
MAC_NOW=$(ip link show eth0 | grep ether | awk '{print $2}')

UUID_OK=$(grep UUID $CONF | cut -d= -f2)
MAC_OK=$(grep MAC $CONF | cut -d= -f2)

if [[ "$UUID_NOW" != "$UUID_OK" ]] || [[ "$MAC_NOW" != "$MAC_OK" ]]; then
    echo "Cloned or moved VM detected!" >> /var/log/clone_detect.log
    shutdown -h now
fi
```

4??? systemd ????

```
/etc/systemd/system/checkclone.service
```

```
[Unit]
Description=Clone Detection Service
Before=multi-user.target

[Service]
Type=oneshot
ExecStart=/usr/local/bin/check_clone.sh

[Install]
WantedBy=multi-user.target
```

```
[[[
```

```
chmod +x /usr/local/bin/check_clone.sh
systemctl enable checkclone.service
```

???

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Hyper-V □□□□□□□□□□

VHDX □□□□□□□□□□

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??1??? UUID + MAC ????

??2?Hyper-V Generation 2 + vTPM + Secure Boot

??3?LUKS ?????? vTPM

??4?????????????????

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????????????? Ubuntu 18.04 Hyper-V ???

- ◆ []
- ◆ [] UUID/MAC
- ◆ [] systemd []
- ◆ [] TPM + LUKS []
- ◆ []

[] **Generation 1** [] 2 []
[]

Revision #1
Created 22 November 2025 06:10:13 by Admin
Updated 22 November 2025 06:10:57 by Admin