

3.3.3 Ensure IPv6 is disabled (Not Scored)

Profile Applicability

```
Level 1 - Server  
Level 1 - Workstation
```

Description

Although IPv6 has many advantages over IPv4, few organizations have implemented IPv6.

Rationale

If IPv6 is not to be used, it is recommended that it be disabled to reduce the attack surface of the system.

Audit

Run the following command and verify that each linux line has the `ipv6.disable=1` parameter set:

```
# grep "^s*linux" /boot/grub/grub.cfg
```

Remediation

Edit `/etc/default/grub` and add `ipv6.disable=1` to `GRUB_CMDLINE_LINUX`:

```
GRUB_CMDLINE_LINUX="ipv6.disable=1"
```

Run the following command to update the grub2 configuration:

```
# update-grub
```

From:

<https://secscan.acron.pl/> - **SecScan**

Permanent link:

<https://secscan.acron.pl/ubuntu1604/3/3/3>

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