

1.1.15 Ensure nosuid option set on /dev/shm partition (Scored)

Profile Applicability

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

Description

The nosuid mount option specifies that the filesystem cannot contain setuid files.

Rationale

Setting this option on a file system prevents users from introducing privileged programs onto the system and allowing non-root users to execute them.

Audit

Run the following command and verify that the nosuid option is set on /dev/shm.

```
# mount | grep /dev/shm  
tmpfs on /dev/shm type tmpfs (rw,nosuid,nodev,noexec,relatime)
```

Remediation

Edit the /etc/fstab file and add nosuid to the fourth field (mounting options) for the /dev/shm partition. See the fstab(5) manual page for more information.

Run the following command to remount /dev/shm:

```
# mount -o remount,nodev /dev/shm
```

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Permanent link:

<https://secscan.acron.pl/ubuntu1604/1/1/15>

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