

# 1.1.4 Ensure nosuid option set on /tmp partition (Scored)

## Profile Applicability

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

## Description

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

## Rationale

Since the /tmp filesystem is only intended for temporary file storage, set this option to ensure that users cannot create setuid files in /tmp.

## Audit

If a /tmp partition exists run the following command and verify that the nosuid option is set on /tmp:

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

## Remediation

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

Run the following command to remount /tmp:

```
# mount -o remount,nosuid /tmp
```

## Notes

systemd includes the tmp.mount service which should be used instead of configuring /etc/fstab.

Mounting options are configured in the Options setting in `/etc/systemd/system/tmp.mount`.

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