

Workaround Mac OS 10.11.5, 10.11.6, and macOS Sierra slow SMB issue: Server Client Signing

This fix will be useful to workflows utilizing SMB sharing and are using OS 10.11.5, 10.11.6, and macOS Sierra.

Do not apply this fix in a workflow where the Callisto server or switch is exposed externally without proper security measures in place.

Step-by-step guide

1. Open a terminal on the client machine
2. Navigate to the /etc directory

a. `cd /etc`

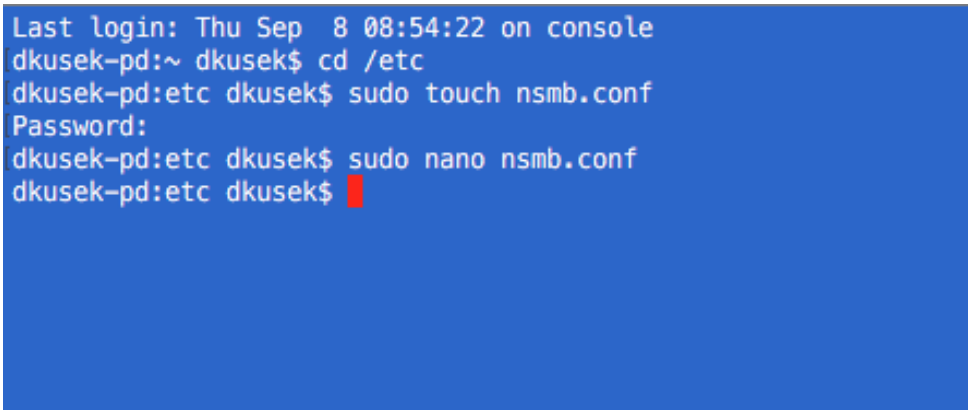
3. Create the 'nsm.conf' file and enter: [default] signing_required=no

- a. Create the file:

```
sudo touch nsm.conf
```

- b. Add [default] signing_required=no

```
sudo nano nsm.conf
```

c. 

```
Last login: Thu Sep  8 08:54:22 on console
dkusek-pd:~ dkusek$ cd /etc
dkusek-pd:etc dkusek$ sudo touch nsm.conf
Password:
dkusek-pd:etc dkusek$ sudo nano nsm.conf
dkusek-pd:etc dkusek$
```

- d. Type: [default] Hit enter.
- e. Type: `signing_required=no` Hit enter.
- f.

```
GNU nano 2.0.6 File: nsmb.conf
[default]
signing_required=no
█
```

- g. Hit "Control X" to save
- h. Type: **Yes** and hit enter.

- 4. Restart the client machine
- 5. The user should now be able to regain adequate speeds with their SMB share on that specific Mac client machine

<https://support.apple.com/en-us/HT205926>

<https://discussions.apple.com/thread/7565683?start=90&tstart=0>

Related articles

- [Workaround Mac OS 10.11.5, 10.11.6, and macOS Sierra slow SMB issue: Server Client Signing](#)
- [How to update Callisto Firmware via SSH](#)
- [Manually Clearing Drives within Callisto using Shell Commands](#)
- [How to do a Callisto firmware upgrade](#)
- [Create a portable ZFS snapshot for replicating to an offline Callisto \(Condensed Version\)](#)