

Technical Note

TN# MCSTN306

Rev# 1.0

Release Date : 2024 / 2 / 26

Category: Software

Support Model: ATC3540

Subject

How to use teamviewer without local HDMI input

Introduction

Set the VNC to use teamviewer without local HDMI input

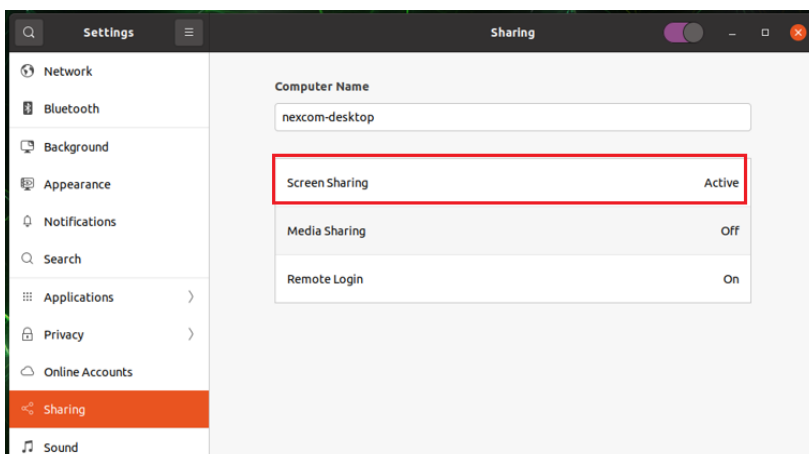
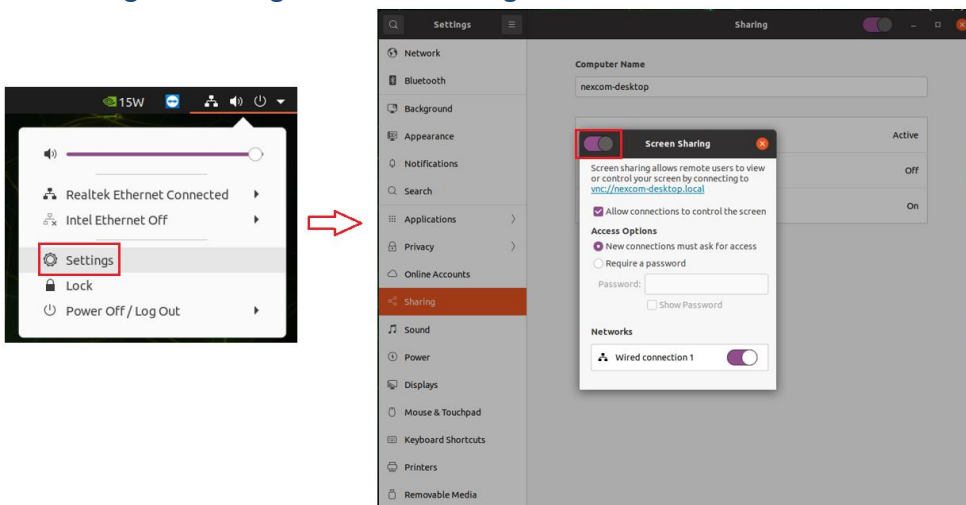
Trouble Shooting Step-by-Step

1. Install Video Dummy Package

```
#sudo apt-get install xserver-xorg-video-dummy
```

2. Active Screen Sharing

Setting → Sharing → Screen Sharing → Active

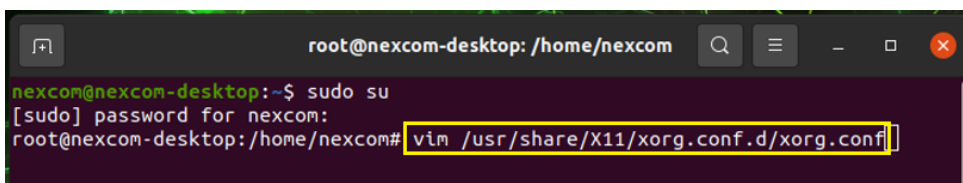


3. Create xorg.conf : `#sudo vim /usr/share/X11/xorg.conf.d/xorg.conf`
Copy the content below to xorg.conf and save.

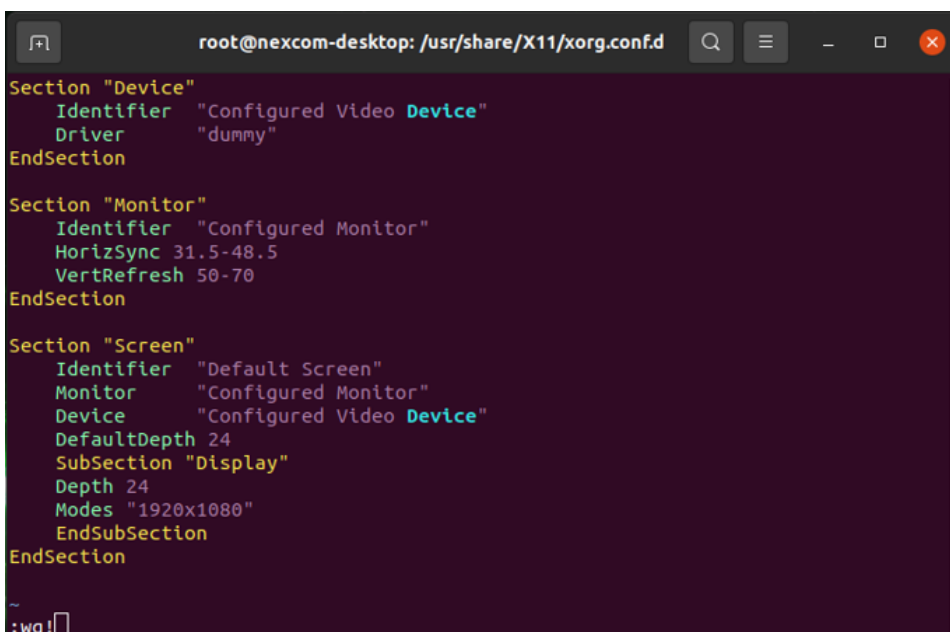
```
Section "Device"
    Identifier "Configured Video Device"
    Driver     "dummy"
EndSection

Section "Monitor"
    Identifier "Configured Monitor"
    HorizSync 31.5-48.5
    VertRefresh 50-70
EndSection

Section "Screen"
    Identifier "Default Screen"
    Monitor    "Configured Monitor"
    Device     "Configured Video Device"
    DefaultDepth 24
    SubSection "Display"
        Depth 24
        Modes "1920x1080"
    EndSubSection
EndSection
```



A terminal window titled 'root@nexcom-desktop: /home/nexcom'. The user has run 'sudo su' and entered their password. The prompt is now 'root@nexcom-desktop: /home/nexcom#'. The command 'vim /usr/share/X11/xorg.conf.d/xorg.conf' is entered and highlighted with a yellow box.



A terminal window titled 'root@nexcom-desktop: /usr/share/X11/xorg.conf.d'. It displays the content of the xorg.conf file, which matches the configuration shown in the previous block. At the bottom, the user has entered ':wq!' to save and exit the vim editor.

4. Restart display.service

```
#sudo systemctl restart display-manager
```

```
root@nexcom-desktop: /usr/share/X11/xorg.conf.d# sudo systemctl restart display-manager
```

After setting up, you can connect to the remote desktop without connecting to HDMI by connecting from VNC.



※Note: If the above settings are enabled, the local HDMI cannot be displayed normally.
To display it normally, please rename the file name in step 3.

```
#mv xorg.conf xorg.conf.bak
```

```
root@nexcom-desktop: /usr/share/X11/xorg.conf.d# mv xorg.conf xorg.conf.bak
```

And Restart display.service again.

```
#sudo systemctl restart display-manager
```

