Ubuntu_Setup

Hi Spacialists, Welcome to **NavVis**! 🤗

Please read carefully and follow the steps below to set up your laptop

1. Install the Microsoft Authenticator application on your smartphone via https://static.navvis.com/mfa/
2. Power on and connect to the network with a **LAN cable**.
3. Enter the **decryption passphrase**.
    a. The default decryption passphrase on boot is ***W3lc0meT0N4vV1s***
4. Log in with your **NavVis Account (e.g. fl23xyz)**.
5. In the next step you'll be prompted with a **password change request**. Enter your current password once again and then set a new password.
    - Adhere to the **password compliance policy** while creating a new password.

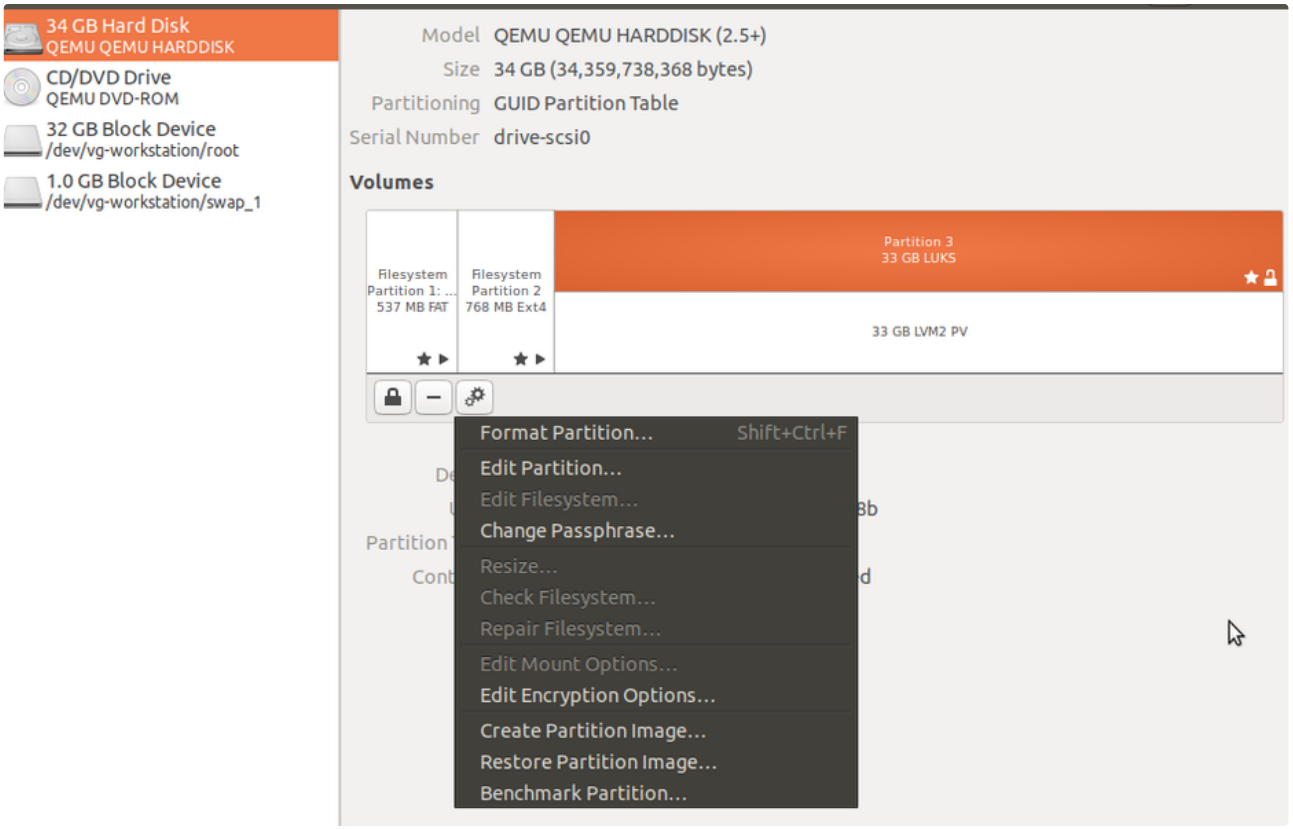
> Before changing your password, please read the notes bellow carefully:
>
> - NavVis passwords expire every 6 months
> - The system keeps the history of the last 24 passwords. None of the previous 24 passwords can be used as a new password.
> - Minimum password length is 8 characters with a mixture of special characters and a capital letter.
> - There should be no consecutive same characters contained.
> - A password must be used for at least one day, before it can be changed again.

1. Change the default

decryption passphrase

- Using the UI
    a. Open the **Disks** application
    b. Select the Hard Drive (SSD)
    c. Select the partition that contains *LUKS* in it's name
    d. Select Settings → Change passphrase

Note: you should see something like the following



- Using the command line
  a. Alternatively, you can change the default passphrase with the following command. The process will ask for the current passphrase and for a new passphrase.

```
sudo cryptsetup luksChangeKey /dev/sdX

# To find the partition where LUKS is configured, use:
# cat /etc/crypttab
```

1. Connect to

“Navvis” WiFi with the **NavVis Account (fl23xyz)**

- Find the **NavVis** SSID in the WiFi list and connect using the following details:

Stay connected to the internet for ca. 30 minutes so that the device can be configured automatically.

> Please connect to “Navvis_Private” WiFi for personal devices such as smartphones.
>
> Password can be found in Passwork here

1. Set up Multi-Factor Authentication (MFA)

> 1. Open Microsoft 365 - Subscription for Office Apps | Microsoft 365 and sign in with your Microsoft account. You will be asked to set up a MFA. Click on the “Next” button.
> 2. Select the option “**Use verification code“**, then press “**Set up**” in the blue box, to start the configuration process. A QR code will show up that you need to scan
> 3. Open the authenticator application on your mobile and press '+' on the top right, then “**Add work or school account**”.
> 4. Scan the QR code
> 5. Verify the code and you are all set!

1.

Setting up **VPN** -

Run the following command & steps:

```
sudo apt-get install network-manager-openvpn network-manager-openvpn-gnome
```

- Unpack (extract) the VPN profile you have been provided.
- Open the network menu from the system tray icon, go to **VPN Connections** and click **Configure VPN...**
- Select **Add**.
- Select **Import a saved VPN configuration** from the menu.
- Click **Create**.
- Locate the **.ovpn** file on the filesystem and select it. In the configuration menu set following options:
  a. **Connection name**: NavVis
  b. **Username**: <Your NavVis username>.
  c. **Password**: <Your NavVis password>

d. **Private Key Password**:

e. **Note**: The private key password options is not actually needed, but the network manager will not allow saving the profile if a password is not set.

- Click **Save**.
- Go back to the network menu from the system tray, select **VPN Connections** and then select **NavVis**.
- A new window opens and the domain password is requested. Enter the password and click **OK**.

⚠️

1. In case the On/Off toggle in the Network Manager does not work, change the VPN settings to "Store the password for all users".
2. If you have a successful VPN connection but still you are unable to access internal resources, you may have to install resolvconf for DNS to pick up the necessary configuration.
   a. `sudo apt-get install resolvconf`

Information for Ubuntu 18.04 users

In case your Laptop has an **Ubuntu 18.04** and some functions are not working properly, check out this page in Confluence - Dell Precision 5570 - Ubuntu 18.04 Setup

- You can check your Ubuntu version with the command "***lsb_release -a*"**

Check if ESM license (Expanded Security Maintenance license) is applied by running the command "***pro security-status***".

- You should see a line "This machine is attached to an Ubuntu Pro subscription."
- ⚠️ If it is not attached to an Ubuntu pro subscription, please reach out to IT!

Need Help?

1. To open a ticket for hardware requests or support, please create a ticket via Jira Service Management . You can alternatively use the IT Support Teams channel
2. You can find helpful articles for general knowledge like (VPN, Printer configuration, Wifi issues, NAS access, etc.) from the confluence page: https://navvis.atlassian.net/wiki/home.