

Cisco IOU

- **IOU** means **IOS on Unix** and it's a modified IOS used by Cisco for CCIE labs and virtual lab pods used in Cisco Learning Center.
- There are both a **L3 and L2** IOU versions .
- **IOU is resource friendly** and can be run smoothly on a normal laptop or PC .

Note: Unfortunately due to legal requirements, I am unable to provide IOS images or any other Cisco images like IOU (IOS on Unix). You will need to provide your own images to use them with GNS3.

How to run Cisco IOU on GNS3

1. **Start GNS3 GUI.** It will also automatically start GNS VM.
2. **Generate IOU Licence on GNS3 VM**
 - Copy the licence python script using WinSCP to GNS3 VM in /opt/gns3/images/IOU/
 - Using the GNS3 VM console go to /opt/gns3/images/IOU and run: `sudo python3 script.py`
3. The generated licence file must be copied on Windows too in a file named iourc.txt
4. In GNS3 GUI go to **Edit -> Preferences -> IOU for Unix** and paste the contents of the iourc.txt (step 3) file and also select the file using **Browse**.
5. In GNS3 GUI go to **Edit -> Preferences -> IOU Devices**, click on **New** and create a new template for the IOU L3 Image.