How to install OS into the NVIDIA Jetson AGX XAVIER Device

General Installation Flow

NVIDIA JETSON AGX XAVIER

- OS Installation
- Enter Initial Account Settings
- Complete the Installation after entering NVIDIA device account information

PC or Any other LINUX based Operating System
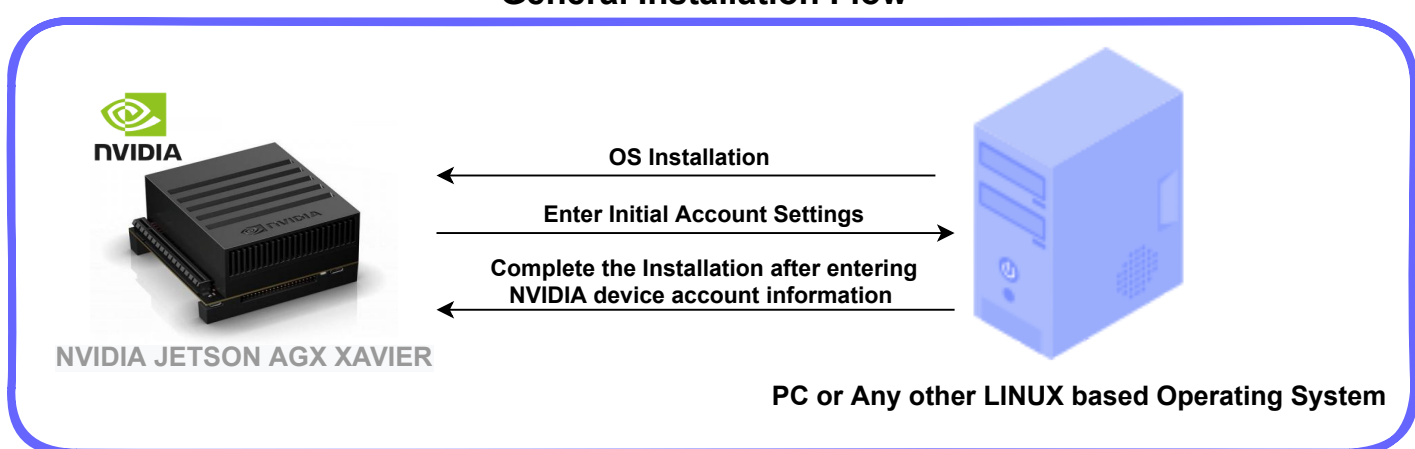
Requirements

- Ubuntu 18.04 version required both in host and target machine
- SDK Manager Download Link: https://developer.nvidia.com/nvidia-sdk-manager

Step: 1
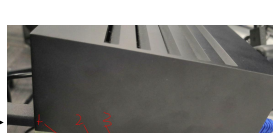Installing a SDK Manager in Host Machine

Step: 2
Connect NVIDIA device with linux based system

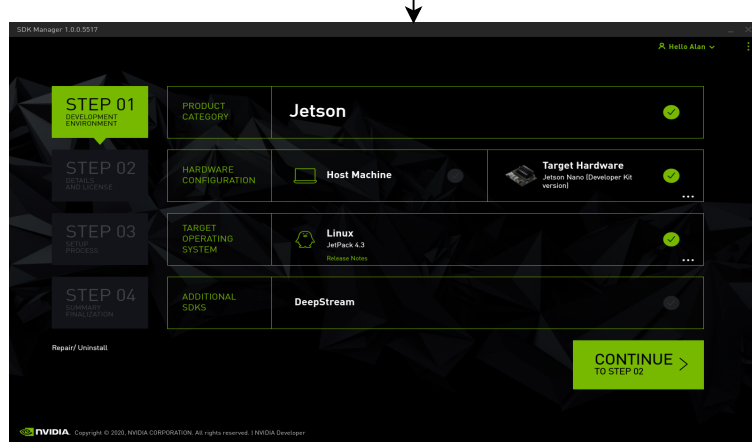Target Machine   Host Machine

Step: 3

Step: 3

Press button 3 continuously together with button 2 and then first release button 2 and after 1-second release button 3.
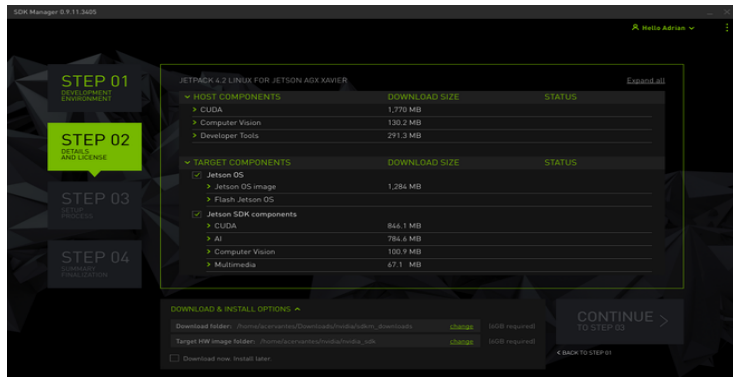
Step: 4

Step: 4

Once the target machine appeared on the "Target Hardware section" then in the second option select the Linux Jetson version 4.4 only and don't forget to check the DeepStream option.

Step: 5

Step: 5

In this step, select the folders where you want to download and check lenience. Also, only the install-check option allow you to only download and later installation can be possible
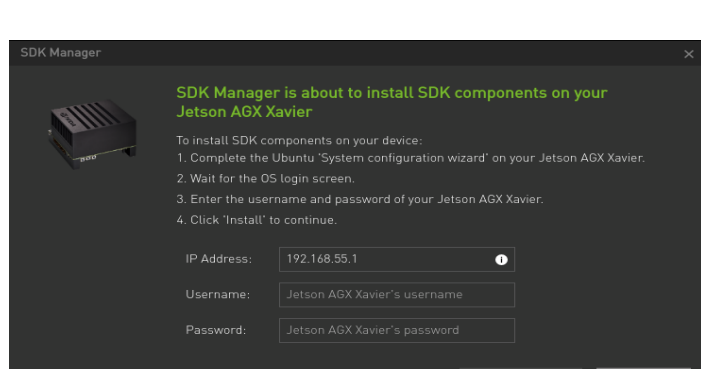
Step: 6
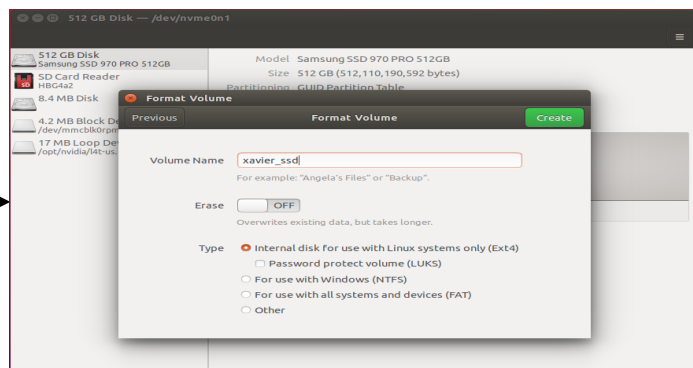

Step: 6

This process will take some time.

Step: 7

Step: 7

Once this screen appeared that time switch to the target machine and set the initial account settings like account username and password.
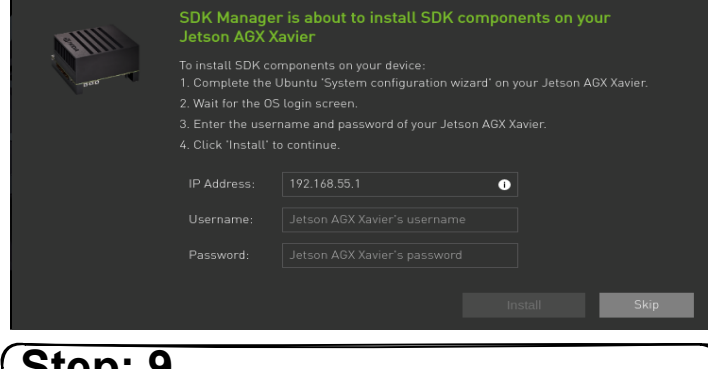
Step: 8

Step: 8

Set the initial account settings into the NVIDIA JETSON AGX device and switch back to the host machine for further installation.

Step: 9

Step: 9

Enter the username and password of the target machine which was entered in the previous step: 6 at the target machine.

Step: 10

Step: 10

After entering the target machine username and password into the previous step: 9. The further execution will resume and it will take some time.

Final Step

Final Step

Once the installation process at the host machine is completed then you can switch back to the target machine (NVIDIA Jetson AGX) and the installation process is completed.