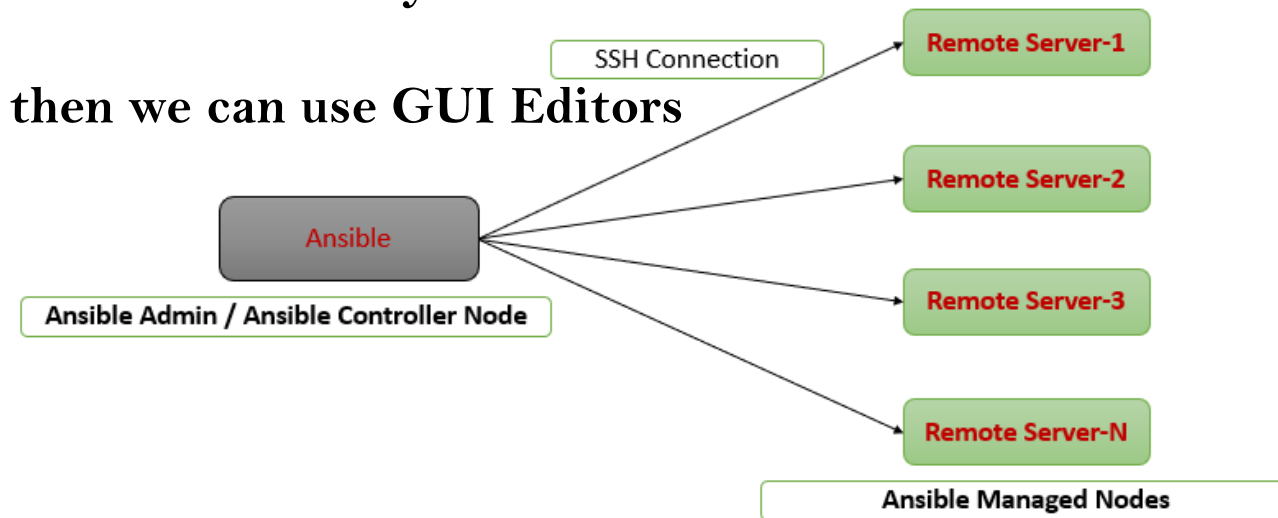# Launching Server For Ansible Controller Node

- Ansible controller node is used to run tasks/required operations on remote nodes or Ansible Managed Nodes

- We can use any machine(Unix/Linux) with Python Installed as an Ansible Controller Node.
- Note: Don't use Windows as Controller Node

- You can Launch this Unix/Linux Server From VMWare or from Any Cloud or even from WSL
- Note:
  - If you use VMWare or any Linux From WSL, then we can use GUI Editors

SSH Connection

Remote Server-1

Remote Server-2

Ansible

Remote Server-3

Ansible Admin / Ansible Controller Node

Remote Server-N

Ansible Managed Nodes

Ansible and Ansible-Playbooks For Automation

Installing Any Linux on Windows WSL

- ➢ We can launch server from VMWare or Any Cloud for Ansible Controller Node
- ➢ Here, I am launching From WSL2
- ➢ You Can Launch Any Linux Distribution on WSL, but I preferred CentOS9 Stream
- ➢ Prerequisites to Install CentOS on Windows With WSL
    - ➢ Enable WSL and Make Sure its Version is 2
    - ➢ Just update wsl using : wsl --update
- ➢ Goto Microsoft-store and install required Linux OS
- ➢

Launching Ansible Controller Node (CentOS) on WSL2

➢ **Prerequisites to Install CentOS on Windows With WSL**
  ➢ **Enable WSL and Make Sure its Version is 2**
  ➢ **Just update wsl using : wsl --update**
➢ **Goto Microsoft-store and install required Linux OS**

Installing CentOS on Windows with WSL

- ➤ **Download centos from the below link:**
    - ➤ **CentOS7:**
      https://drive.google.com/file/d/10hnM9gQcvRRwRaeRGZjVs6wPq3Yt0_lm/view?usp=sharing

    - ➤ **CentOS8:**
      https://drive.google.com/file/d/16Cs3owD4ArbeeywqoJftNApBiBJ4-3pL/view?usp=share_link

    - ➤ **CentOS9:**
      https://drive.google.com/file/d/1KP6Elc5yKmf6tDtfcRbEQLUaAAGMfPJe/view?usp=share_link

- ➤ **Extract it in your required Location**
- ➤ **Navigate to Extracted folder and run the application as administrator , so that it will install**
- ➤ **Once installation is completed then re-run the same application so that CentOS terminal will be opened**
- ➤ **Note: set default wsl linux as centos**
    - ➤ **Command: Open power shell and run : wsl -s <requiredLinux>**

Ansible and Ansible-Playbooks For Automation