**Installation on Control Server** (Redhat Enterprise OS)

* Create EC2 Instance with AMI as Redhat Enterprise Linux 8
* Login to EC2 instance using Git Bash and execute below commands from Git Bash window
* sudo -i 🡪 to become the root user
* yum update -y 🡪 To update the Kernel packages
* **yum install wget -y 🡪 To install wget package**
* **wget** [**https://dl.fedoraproject.org/pub/epel/epel-release-latest-8.noarch.rpm**](https://dl.fedoraproject.org/pub/epel/epel-release-latest-8.noarch.rpm) **🡪 Downloads the package**
* **rpm -i epel-release-latest-8.noarch.rpm 🡪 Extracts the package**
* **yum install ansible -y 🡪 to install Ansible**
* **ansible --version**
* adduser ansible
* passwd ansible
  + (To set the password) ex: DevOps@123)
* visudo 🡪 giving permissions for ansible user to become sudo user
* Add entry under root for ansible
  + root ALL=(ALL) ALL 🡪 you are going to find this entry
  + ansible ALL=(ALL) NOPASSWD:ALL 🡪 To allow ansible user to execute the commands
* vi /etc/ssh/sshd\_config
* Change the below line from **no** to **yes**
* passwordAuthentication no **to** passwordAuthentication yes
* Save the file (:wq or :wq!)
* service sshd restart
* **cd /etc/ansible**
* **mv hosts hosts.original**
* **touch hosts**
* **chown ansible:ansible hosts**
* exit
* su - ansible 🡪 Switch user to ansible, it is going to prompt the password that you set for ansible user
* **ssh-keygen 🡪 To generate the ssh key**
* ssh-copy-id localhost 🡪 To copy the ssh key to localhost
* ssh localhost 🡪 to verify if we can connect to ssh (if connected then exit to come back

**After Creating the Node, come back to Control Servder and type below command**

* ssh-copy-id <Node-private-ip>

**Create another EC2 Instance for Node**

* sudo -i
* yum update -y
* adduser ansible
* passwd ansible (To set the password) DevOps@123
* visudo
* add entry under root for ansible
  + root ALL=(ALL) ALL
  + ansible ALL=(ALL) NOPASSWD:ALL
* vi /etc/ssh/sshd\_config
* Change the below line from **no** to **yes**
* PasswordAuthentication no
* service sshd restart