**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 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)
* echo "ansible ALL=(ALL) NOPASSWD: ALL" >> /etc/sudoers
* sed -ie 's/PasswordAuthentication no/PasswordAuthentication yes/' /etc/ssh/sshd\_config
* sudo service sshd reload
* **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**
  + **Press Enter for all the prompts (like Enter Paraphrase name etc)**
* 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

**Create another EC2 Instance for Node**

* sudo -i
* adduser ansible
* passwd ansible (To set the password) DevOps@123
* echo "ansible ALL=(ALL) NOPASSWD: ALL" >> /etc/sudoers
* sed -ie 's/PasswordAuthentication no/PasswordAuthentication yes/' /etc/ssh/sshd\_config
* sudo service sshd reload

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

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

When Ever you add New Node Server

1. Configure the Node Server

2. From Control Server

ssh-copy-id <Private-IP>

3. Add that Private IP to inventory file