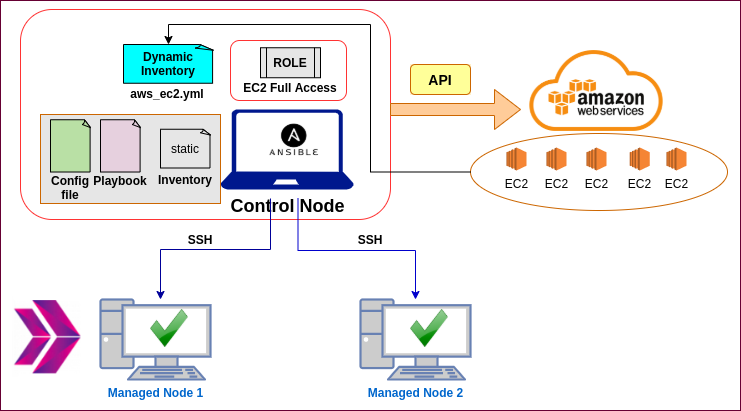
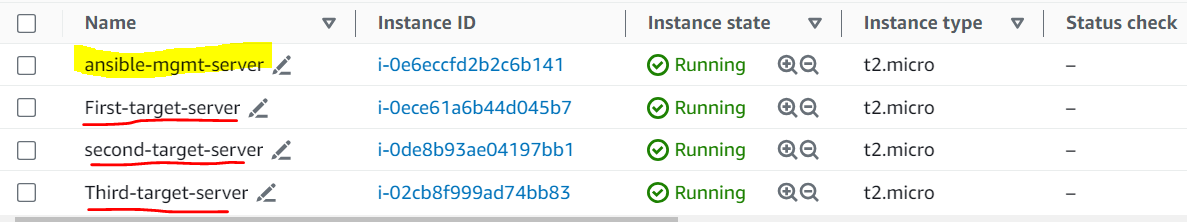
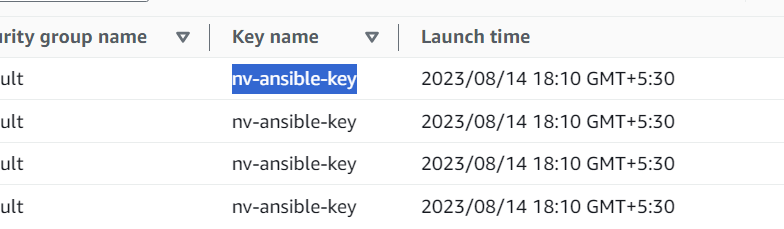
**Ansible: Working with Dynamic Inventory Using AWS EC2 Plugin 🚀**



1. Create 4 brand new ec2-instance with \*.pem as key pair





1. Convert the \*.pem key to \*.ppk as we need to connect via putty

<https://www.theserverside.com/blog/Coffee-Talk-Java-News-Stories-and-Opinions/How-to-convert-a-PEM-file-to-PPK>

1. Log in to the Ansible Management node [login as ec2-user].

sudo yum update -y

sudo amazon-linux-extras install ansible2 -y

ansible --version

To check whether it is installed, run ansible-galaxy collection list 🡪 Error

1. Go to the below link to get all the software installed:

<https://docs.ansible.com/ansible/latest/collections/amazon/aws/aws_ec2_inventory.html>

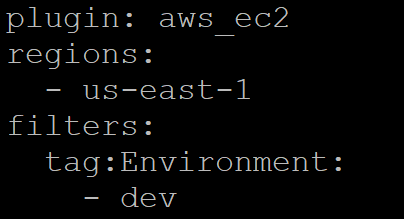
https://docs.ansible.com/ansible/latest/collections/amazon/aws/docsite/aws\_ec2\_guide.html

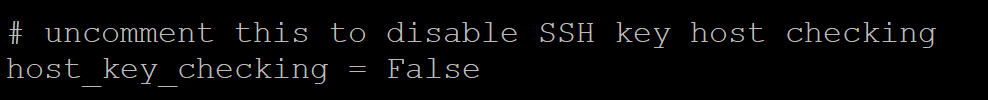
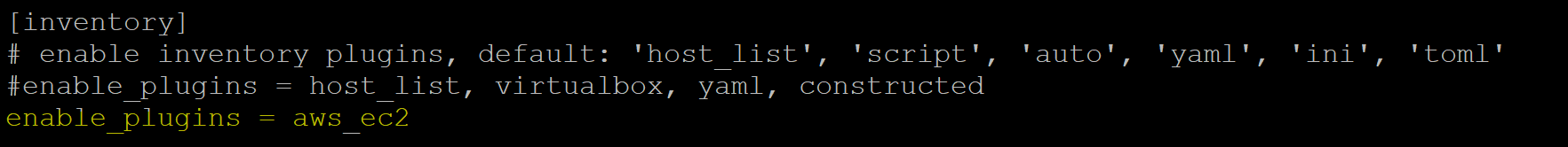
1. Install the below software

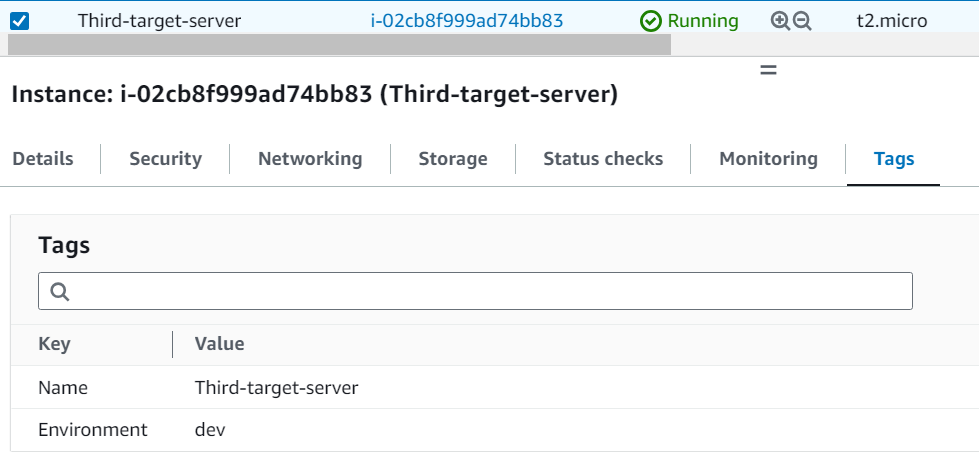
ansible-galaxy collection install amazon.aws



1. Create a inventory file with name my\_inventory.aws\_ec2.yml



1. Create a role and give admin access attach this to your ansible management server.
2. Changes to be done on ansible.cfg file
   1. 
   2. 
3. Copy your \*.pem file to “/etc/ansible”
4. Change permission : “chmod 755 nv-ansible-key.pem”
5. Test the connectivity & change the filter(tag) on aws ec2 target server



Use command “ ansible-inventory -i my\_inventory.aws\_ec2.yml --graph “

Command to run ping module:

“ansible -i my\_inventory.aws\_ec2.yml -m ping all --private-key=nv-ansible-key.pem -b”

Command to run playbook:

“ansible-playbook -i my\_inventory.aws\_ec2.yml ping.yaml --private-key=nv-ansible-key.pem -b ”

