**Create EC2 Dynamic Inventory using Ansible**

Step 1: Download EC2 Inventory Files

wget https://raw.githubusercontent.com/ansible/ansible/devel/contrib/inventory/ec2.py

wget https://raw.githubusercontent.com/ansible/ansible/devel/contrib/inventory/ec2.ini

Step 2: Copy Files to /etc/ansible and setup appropriate permission

$ sudo cp ec2.py /etc/ansible/ec2.py

$ sudo chmod +x /etc/ansible/ec2.py

$ sudo cp ec2.ini /etc/ansible/ec2.ini

$ sudo chmod +x /etc/ansible/ec2.ini

Step 3: Export the AWS Access key, Secret key and INI Path.

$ export AWS\_ACCESS\_KEY\_ID='AK123'

$ export AWS\_SECRET\_ACCESS\_KEY='abc123'

$ export EC2\_INI\_PATH=/etc/ansible/ec2.ini

Step 4: Edit the /etc/ansible/ec2.ini INI File to make the below changes

# To exclude RDS instances from the inventory, uncomment and set to False.

rds = False

# To exclude ElastiCache instances from the inventory, uncomment and set to False.

elasticache = False

Step 5: Validate the connection

ansible -i ec2.py -u ec2-user us-east-1d -m ping