

Lab 8:How to install Ansible

PROCEDURE:

Step 1: Launch an AWS EC2 Instance

- i)Sign in to the AWS Management Console.
- ii)Go to the EC2 dashboard.
- iii)Click on "Launch Instance" and choose an Amazon Linux or CentOS AMI (Amazon Machine Image).
- iv)Select the instance type, configure instance details, add storage, configure security groups, and review the instance launch.
- v)Launch the instance and choose an existing key pair or create a new one to connect to the instance via SSH.

Step 2: Connect to the EC2 Instance

- i)Use SSH to connect to your EC2 instance. Replace 'your-instance-ip' with the public IP address or hostname of your EC2 instance, and 'your-key.pem' with the path to your private key file.
- ii) `ssh -i your-key.pem ec2-user@your-instance-ip`

Step 3: Update the Package Repositories

- i)Run the following command to update the package repositories on the EC2 instance: `sudo yum update -y`

Step 4: Install EPEL Repository

- i)Ansible is available in the EPEL repository, so you need to install it first. Run the following command: `sudo yum install epel-release -y`

Step 5: Install Ansible

- i)Now, you can install Ansible using the following command: `sudo yum install ansible -y`

Step 6: Verify Ansible Installation

- i)After the installation is complete, you can verify that Ansible is installed correctly by checking its version: `ansible --version`

Step 7: Configure Ansible

- i)Depending on your requirements, you may need to configure Ansible further. Common configuration tasks include setting up inventory files ('/etc/ansible/hosts'), defining variables, configuring SSH options, etc.