

1. EC2 Instance created:

2. Creds.tf

7,384 All
Activate Windows

3. Main.tf:

```
module "ec2_instance" {
  source = "terraform-aws-modules/ec2-instance/aws"

  name = "single-instance"

  instance_type      = "t2.micro"
  key_name            = "user1"
  monitoring          = true
  vpc_security_group_ids = ["sg-0adc5e9047a723bfd"]
  subnet_id          = "subnet-07f78217c6c089d3c"

  tags = {
    Terraform = "true"
    Environment = "dev"
  }
}
```

"main.tf" 16L, 384C

5.0.1
Activate Windows

All

4. JAVA Installed:

```
Verifying : libXau-1.0.8-2.1.amzn2.0.2.x86_64 10/28
Verifying : libSM-1.2.2-2.amzn2.0.2.x86_64 11/28
Verifying : libXrender-0.9.10-1.amzn2.0.2.x86_64 12/28
Verifying : dejavu-sans-fonts-2.33-6.amzn2.noarch 13/28
Verifying : fontconfig-2.13.0-4.3.amzn2.x86_64 14/28
Verifying : libX11-1.6.7-3.amzn2.0.3.x86_64 15/28
Verifying : libXt-1.1.5-3.amzn2.0.2.x86_64 16/28
Verifying : giflib-4.1.6-9.amzn2.0.2.x86_64 17/28
Verifying : libXinerama-1.1.3-2.1.amzn2.0.2.x86_64 18/28
Verifying : dejavu-sans-mono-fonts-2.33-6.amzn2.noarch 19/28
Verifying : python-lxml-3.2.1-4.amzn2.0.4.x86_64 20/28
Verifying : libxslt-1.1.28-6.amzn2.x86_64 21/28
Verifying : python-javapackages-3.4.1-11.amzn2.noarch 22/28
Verifying : libXtst-1.2.3-1.amzn2.0.2.x86_64 23/28
Verifying : alsa-lib-1.1.4.1-2.amzn2.x86_64 24/28
Verifying : fontpackages-filesystem-1.44-8.amzn2.noarch 25/28
Verifying : libICE-1.0.9-9.amzn2.0.2.x86_64 26/28
Verifying : libX11-common-1.6.7-3.amzn2.0.3.noarch 27/28
Verifying : javapackages-tools-3.4.1-11.amzn2.noarch 28/28
```

Installed:

java-17-amazon-corretto.x86_64 1:17.0.8+7-1.amzn2.1

5. Python Installed:

```
[ec2-user@ip-172-31-45-153 ~]$ sudo yum install python
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core | 3.7 kB 00:00:00
Package python-2.7.18-1.amzn2.0.6.x86_64 already installed and latest version
Nothing to do
[ec2-user@ip-172-31-45-153 ~]$ python -version
Unknown option: -e
usage: python [option] ... [-c cmd | -m mod | file | -] [arg] ...
Try 'python -h' for more information.
[ec2-user@ip-172-31-45-153 ~]$ python --version
Python 2.7.18
```

6. Jenkins Installed:

```
Installing:
jenkins                noarch                2.419-1.1                jenkins                85 M

Transaction Summary
-----
Install 1 Package

Total download size: 85 M
Installed size: 85 M
Is this ok [y/d/N]: y
Downloading packages:
jenkins-2.419-1.1.noarch.rpm | 85 MB 00:00:05
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
  Installing : jenkins-2.419-1.1.noarch 1/1
  Verifying  : jenkins-2.419-1.1.noarch 1/1

Installed:
jenkins.noarch 0:2.419-1.1

Complete!
[ec2-user@ip-172-31-45-153 ~]$
```