

**WINP2000 - Cloud Management**

**Week 13 – In class Lab 6**

**Use Terraform Infrastructure as Code (IaC) to deploy a VM to AWS**

**Assignment Submitted by:**

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Course Code: WINP2000

Instructor Name: Sergio Loza

Terraform Installation Confirmation:

A screenshot of a computer

Description automatically generated

AWS CLI confirmation and AWS login:

A screenshot of a computer

Description automatically generated

Added Terraform files and Initiated Terraform:

Terraform file in Github: <https://github.com/srinidhisivakumar/AWS_terraform>

A screenshot of a computer program

Description automatically generated

Terraform Plan:

A screenshot of a computer program

Description automatically generated

Terraform Apply :

A screenshot of a computer

Description automatically generated

Validate the same in AWS console:

Cross verify Instance ID and public ip

A screenshot of a computer

Description automatically generated

Updated terraform file:

Added network security to the existing VM.

A screen shot of a computer

Description automatically generated

Before modify:

A screenshot of a computer

Description automatically generated

Terraform Plan:

A screen shot of a computer

Description automatically generated

Terraform Apply:

Changes happened in same instance ID-cross verify in screenshot.

A screen shot of a computer

Description automatically generated

After modify:

A screenshot of a computer

Description automatically generated

Terraform Destroy plan:

A screen shot of a computer

Description automatically generated

Terraform Destroy:

A screen shot of a computer

Description automatically generated

Terminated Status in console:

A computer screen with a white screen

Description automatically generated