CSCL1030 CloudOps Tools and Techniques

Applied Laboratory 1

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Terraform and AWS CLI command line outputs for version commands


```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\anant> terraform -version
Terraform v1.11.2
on windows_amd64
PS C:\Users\anant> aws --version
aws-cli/2.23.6 Python/3.12.6 Windows/11 exe/AMD64
PS C:\Users\anant>
```

Webserver-Public-URL and the URL assigned from the end of the Terraform apply output.


```
Apply complete! Resources: 8 added, 0 changed, 0 destroyed.

Outputs:

Apache-Webserver-Public-URL = "http://3.81.216.84"

D:\York_Sem_1\CSCL_1030\class4\CloudOps_Module4_Class4_Repo2_WebServer_Modularized>
```

The "It Works!" webpage in your browser, including the address bar showing the URL

It works!

Provisioned Infrastructure as viewed through your AWS account, including the public IP of your webserver, under Instances.

Instance summary for i-0c31333bc098c14f6 (webserver_tf) Info

Updated less than a minute ago

Connect | Instance state ▼ | Actions ▼

Instance ID
📋 i-0c31333bc098c14f6

Public IPv4 address
📋 3.81.216.84 | open address 🔗

Private IPv4 addresses
📋 10.0.1.37

IPv6 address
–

Instance state
⊘ Running

Public IPv4 DNS
📋 ec2-3-81-216-84.compute-1.amazonaws.com |
open address 🔗

Hostname type
IP name: ip-10-0-1-37.ec2.internal

Private IP DNS name (IPv4 only)
📋 ip-10-0-1-37.ec2.internal

Answer private resource DNS name
–

Instance type
t2.micro

Elastic IP addresses
–

Auto-assigned IP address
📋 3.81.216.84 [Public IP]

VPC ID
📋 vpc-00a34ec23839757a6 (Terraform-VPC) 🔗

AWS Compute Optimizer finding
ⓘ Opt-in to AWS Compute Optimizer for recommendations.
| Learn more 🔗

IAM Role
–

Subnet ID
📋 subnet-00833711d6a59e230 (Terraform-Subnet) 🔗

Auto Scaling Group name
–