# **Lab 15 - AWS VPC & EC2**

## **Lab2: Build your VPC and Launch a Web Server**

In this lab, you will use Amazon Virtual Private Cloud (VPC) to create your own VPC and add additional components to produce a customized network. You will also create a security group. You will then configure and customize an EC2 instance to run a web server and you will launch the EC2 instance to run in a subnet in the VPC.

## **Results**

Graphical user interface, application, Teams

Description automatically generated

The web page displays the AWS logo and instance meta-data values.

A picture containing shape

Description automatically generated

Details after finishing of this Build your VPC and Launch a Web Server Lab

## **Conclusion**

* Create a VPC.
* Create subnets.
* Configure a security group.
* Launch an EC2 instance into a VPC.

## **Lab 3: Introduction to Amazon EC2**

This lab provides you with a basic overview of launching, resizing, managing, and monitoring an Amazon EC2 instance.

## **Results**

Graphical user interface, application

Description automatically generated

Successfully launched my first Amazon EC2 instance web server.

Graphical user interface, application, Word

Description automatically generated

Successfully tested the termination protection and terminated my instance.

Shape

Description automatically generated with medium confidence

Details after finishing of this Introduction to Amazon EC2 Lab

## **Conclusion**

* Launch a web server with termination protection enabled
* Monitor Your EC2 instance
* Modify the security group that your web server is using to allow HTTP access
* Resize your Amazon EC2 instance to scale
* Explore EC2 limits
* Test termination protection
* Terminate your EC2 instance