

EN-US 

# Build Your VPC and Launch a Web Server

## Objectives

After completing this lab, you should be able to:

- Create a virtual private cloud (VPC)
- Create subnets
- Configure a security group
- Launch an Amazon Elastic Compute Cloud (Amazon EC2) instance into a VPC

## Duration

This lab takes approximately **45 minutes** to complete.

## Scenario

In this lab, you use Amazon Virtual Private Cloud (VPC) to create your own VPC and add additional components to produce a customized network for a Fortune 100 customer. You also create security groups for your EC2 instance. You then configure and customize an EC2 instance to run a web server and launch it into the VPC that looks like the following customer diagram:

## Customer diagram

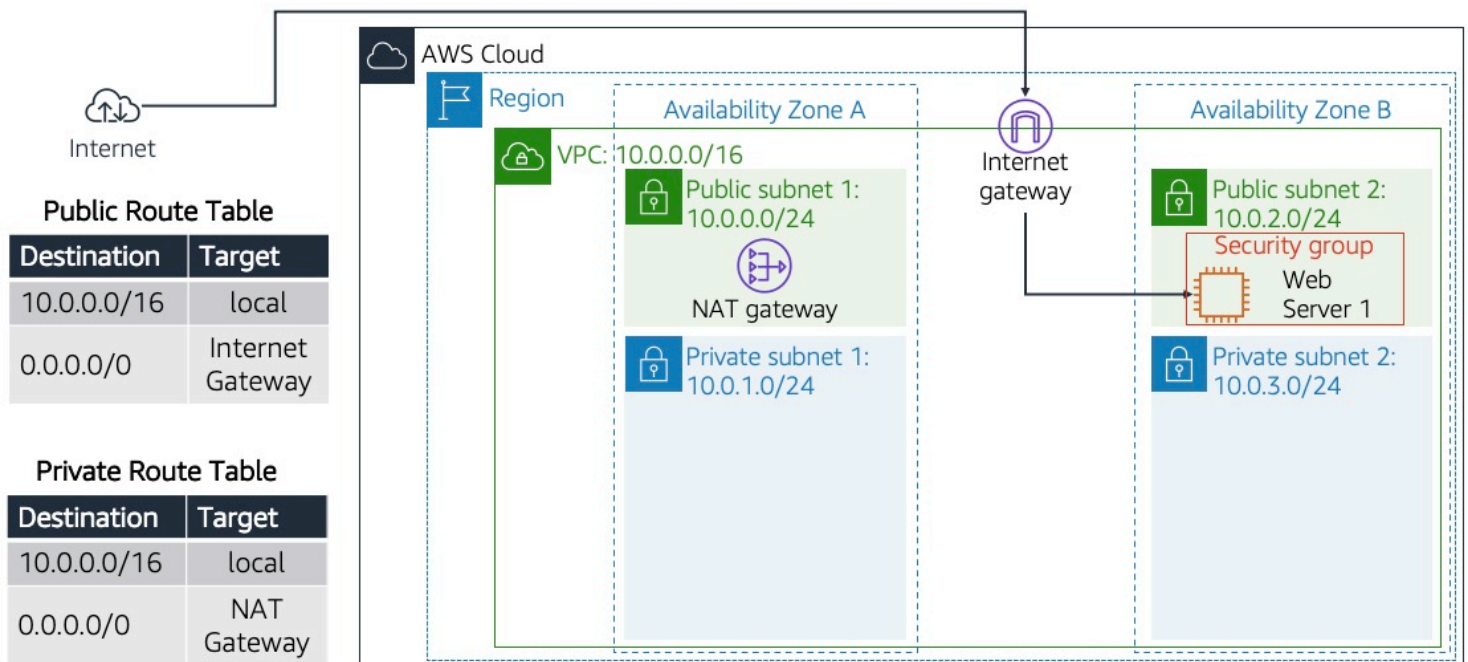


Figure: The customer is requesting the build of this architecture to launch their web server successfully.