
AWS Lab 2

Configure an EC2 Windows Instance as IIS Web Server

Overview of the Lab

In this lab you will learn how to configure an EC2 windows instance as an IIS Web Server.

Web Server

Server which serves website or web pages

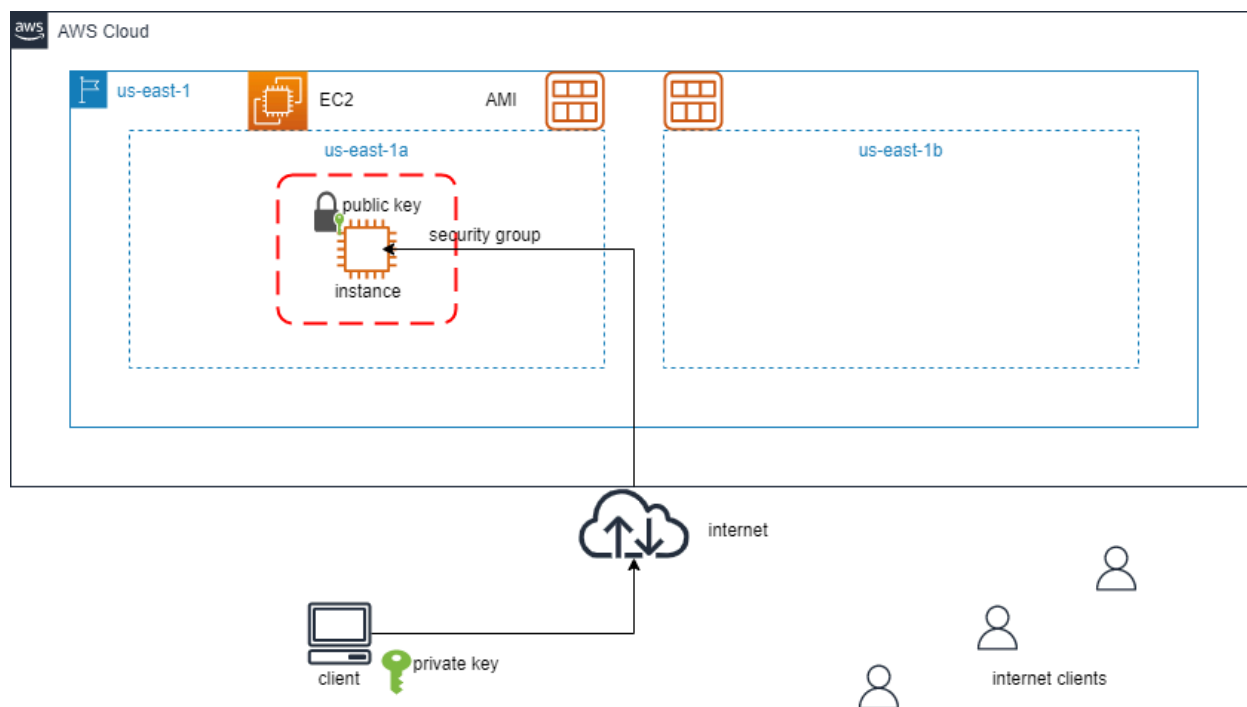
Website

It is a code written in languages like html, php.

Internet Information Service (IIS)

It is a web server software developed by Microsoft

Architecture of the Lab



Step by Step Lab


Launching windows instance and connecting to it

1. [Login](#) to aws cloud account via the aws management console
2. Select **us-east-1** region (you can choose any region of your choice)
3. Search for EC2 and in EC2 management console, launch instance
 - 3.1. Name and tag – **windows-webserver**
 - 3.2. Application and OS Images – **windows**
 - 3.3. Instance type - **t2.micro**

- 3.4. Key pair – [select the existing keypair](#)
- 3.5. Edit Network settings
 - a. Subnet – subnet in us-east-1a (even no preference is fine)
 - b. Firewall – [select existing security group](#)
4. Number of instances - [1](#)
(Leave all other settings as default and launch instance)
5. Once the instance is launched
 - 5.1 Wait for instance state – [running](#)
 - 5.2 Wait for [status check](#) – 2/2
6. Connecting to instance from local computer
 - 6.1. Select instance and connect
 - 6.2. In RDP client get password by uploading the private key
7. Using Remote desktop connection application using the following connect to remote instance
 - [Public dns name / ip address](#)
 - [Username – Administrator](#)
 - [Password](#)

Configuring IIS Web Server

1. Click start
 2. Select server manager
 3. (Wait few secs) Click on add roles and features
 4. Click next
 5. Select role based or feature based installation - Click next
 6. Server selection - Click next
 7. Server Roles - Select web server - Click add features - Click next
 8. Features - Click next
-

- 
9. Web Server Role - Click next
 10. Role services - Click next
 11. Confirmation - Install

(Default website path: C:\inetpub\wwwroot)

Try Accessing Webpage -

Allow HTTP in security group inbound

1. Select instance - Select security - Select security group
2. Edit inbound rules
3. Click add rule - type (HTTP) and source (anywhere IPv4)
4. Save Rule

Try Accessing Webpage -

Clean Up Step

1. Select the instance and **terminate it**
-