

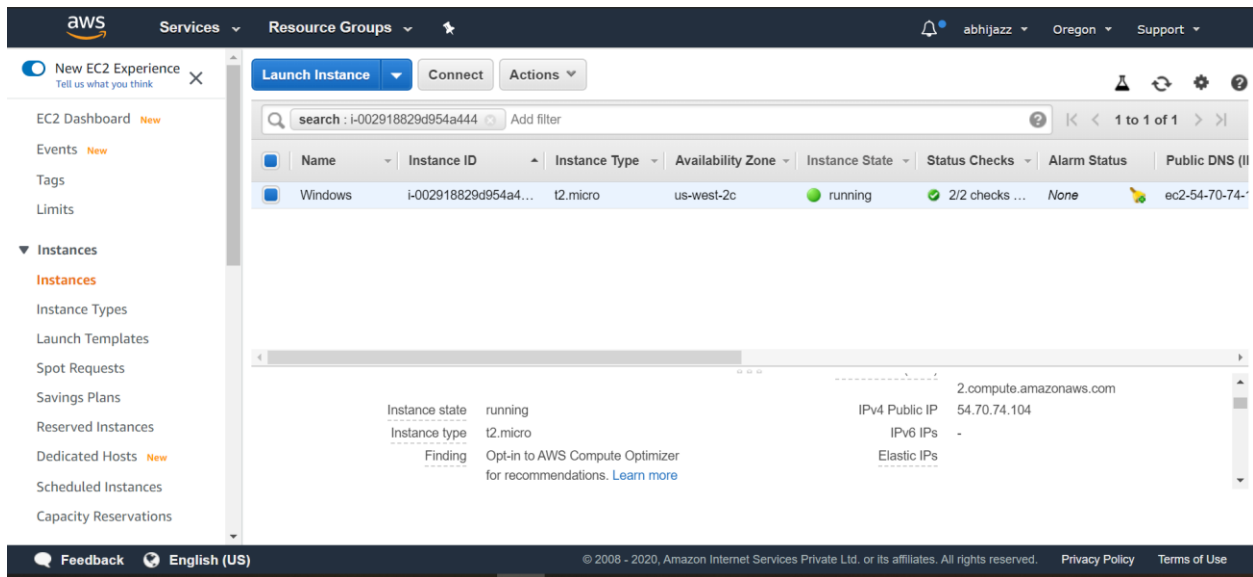
AWS Essentials Batch 1 | Day 3 Assignment

Submitted by – Abhishek Jaiswal

Project 1: Deploying a web server in Windows instance

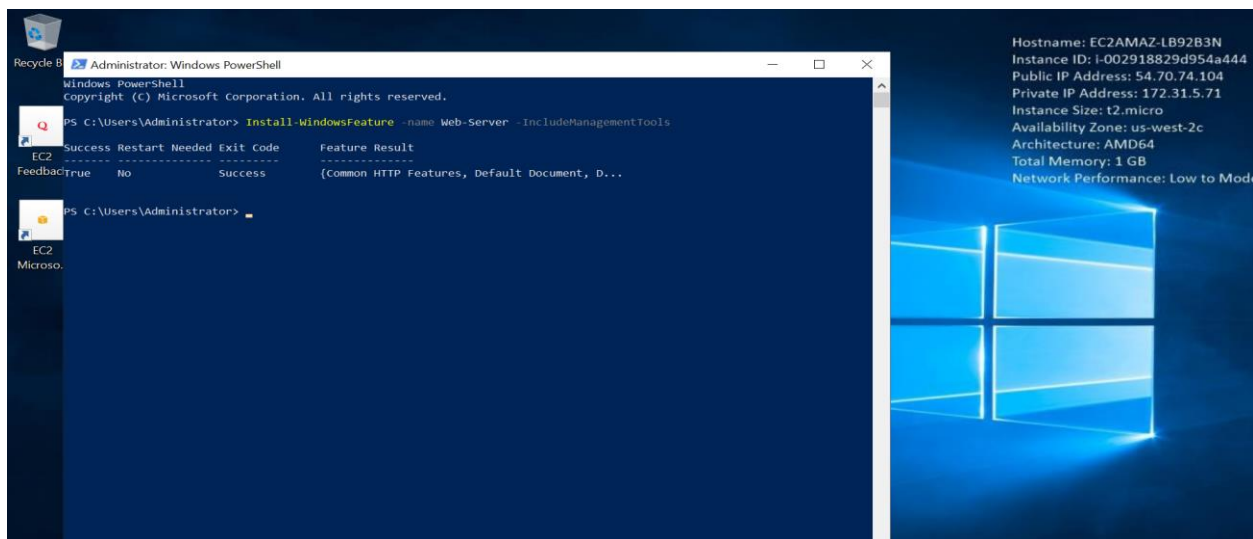
Public IPv4 for windows instance: **54.70.74.104**

Task 1: Create a windows instance using AMI: Windows 2019 base

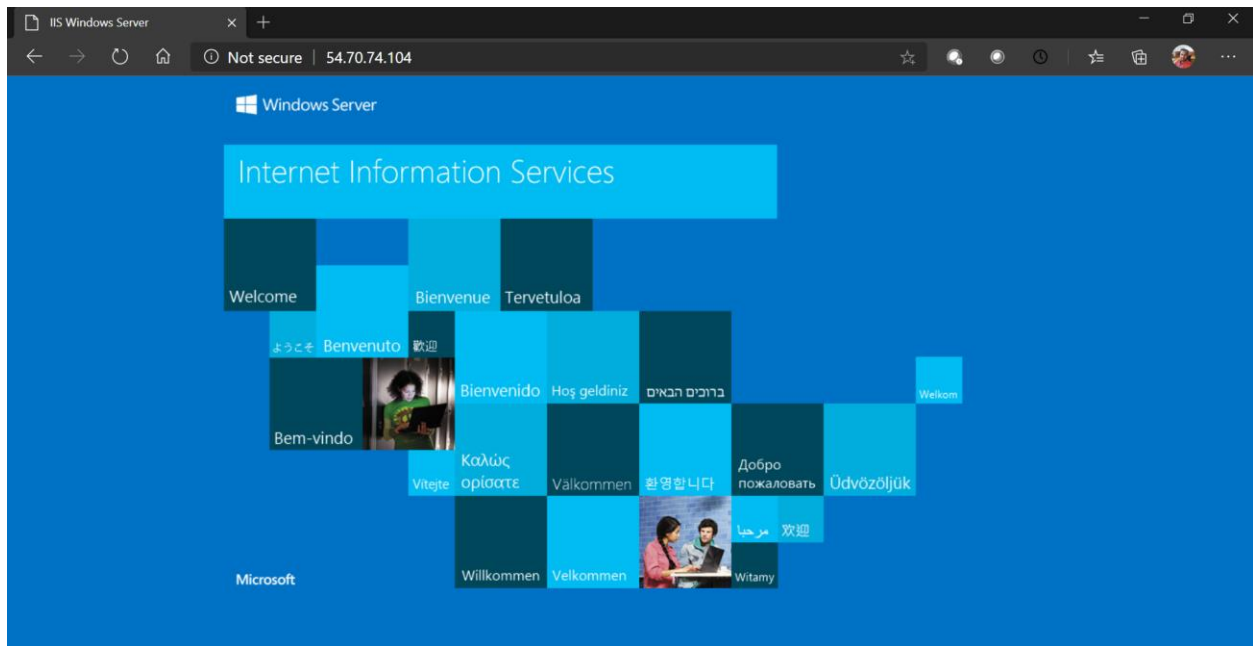


Task 2: Launch the Windows instance using RDP

Task 3: Install IIS web server using PowerShell ISE




Task 4: Verify successful installation of IIS Web Server



Project 2: Deploying a web server in Ubuntu instance

Public IPv4 for Ubuntu Instance: **34.208.119.117**

Task 1: Create a ubuntu instance using AMI: Ubuntu Server 18.04 LTS (HVM)

**Ubuntu Server 18.04 LTS (HVM), SSD Volume Type** - ami-0a634ae95e11c6f91 (64-bit x86) / ami-085fd7441d1390d15 (64-bit Arm)


Free tier eligible

Ubuntu Server 18.04 LTS (HVM),EBS General Purpose (SSD) Volume Type. Support available from Canonical (<http://www.ubuntu.com/cloud/services>).

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

Select

☒ 64-bit (x86)
☐ 64-bit (Arm)

 Services

Resource Groups

New EC2 Experience
Tell us what you think

EC2 Dashboard **New**

Events **New**

Tags

Limits

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts **New**

Scheduled Instances

Capacity Reservations

Launch Instance

Connect

Actions

search : i-0e6265f4b9cb97161

Add filter

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (I
Ubuntu	i-0e6265f4b9cb97161	t2.micro	us-west-2c	running	2/2 checks ...	None	ec2-34-208-117

Instance state
Instance type
Finding

running
t2.micro
Opt-in to AWS Compute Optimizer for recommendations. [Learn more](#)

2.compute.amazonaws.com
34.208.119.117
IPv6 IPs
Elastic IPs

Task 2: Download and install MobaXterm Portable Edition

Session settings

SSH Telnet Rsh Xdmcp RDP VNC FTP SFTP Serial File Shell Browser Mosh Aws S3 WSL

Basic SSH settings

Remote host * 34.208.119.117 ☒ Specify username ubuntu Port 22

Advanced SSH settings Terminal settings Network settings Bookmark settings

☒ X11-Forwarding ☒ Compression Remote environment: Interactive shel

Execute command: ☐ Do not exit after command ends

SSH-browser type: SFTP protocol ☐ Follow SSH path (experimental)

☒ Use private key C:\Users\168886\Downloads\Le ☐ Adapt locales on remote server

Execute macro at session start: <none>

OK Cancel

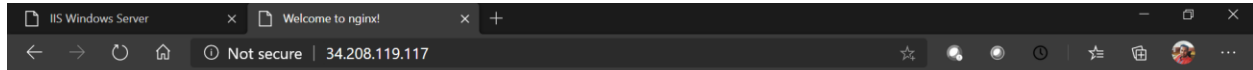
Task 3: Install nginx web server using bash

sudo apt-get -y update

sudo apt-get -y install nginx

```
34.208.119.117 (ubuntu)
Terminal Sessions View X server Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help
Quick connect...
home/ubuntu/
Name
.cache
.gnupg
.ssh
.bash_logout
.bashrc
.profile
.xauthority
Remote monitoring
Follow terminal folder
Get:14 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/universe Translation-en [342 kB]
Get:15 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/multiverse amd64 Packages [19.4 kB]
Get:16 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/multiverse Translation-en [6740 B]
Get:17 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-backports/main amd64 Packages [7516 B]
Get:18 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-backports/main Translation-en [4764 B]
Get:19 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-backports/universe amd64 Packages [7736 B]
Get:20 http://us-west-2.ec2.archive.ubuntu.com/ubuntu bionic-backports/universe Translation-en [4588 B]
Get:21 http://security.ubuntu.com/ubuntu bionic-security/main amd64 Packages [813 kB]
Get:22 http://security.ubuntu.com/ubuntu bionic-security/main Translation-en [255 kB]
Get:23 http://security.ubuntu.com/ubuntu bionic-security/restricted amd64 Packages [76.4 kB]
Get:24 http://security.ubuntu.com/ubuntu bionic-security/restricted Translation-en [16.7 kB]
Get:25 http://security.ubuntu.com/ubuntu bionic-security/universe amd64 Packages [695 kB]
Get:26 http://security.ubuntu.com/ubuntu bionic-security/universe Translation-en [230 kB]
Get:27 http://security.ubuntu.com/ubuntu bionic-security/multiverse amd64 Packages [8312 B]
Get:28 http://security.ubuntu.com/ubuntu bionic-security/multiverse Translation-en [2880 B]
Fetched 19.1 MB in 7s (2628 kB/s)
Reading package lists... Done
ubuntu@ip-172-31-11-238:~$ sudo apt-get -y install nginx
```

Task 4: Verify successful installation of nginx



Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.

Thank you for using nginx.