


# AWS Essentials Batch 1 | Day 3 Assignment

## Project 1: Deploying a web server in Windows instance

Task 1: Create a windows instance using AMI: Windows 2012 R2 base

**Microsoft Windows Server 2012 R2 Base** - ami-02c1e2d2763cbee64

Microsoft Windows 2012 R2 Standard edition with 64-bit architecture. [English]

64-bit (x86)

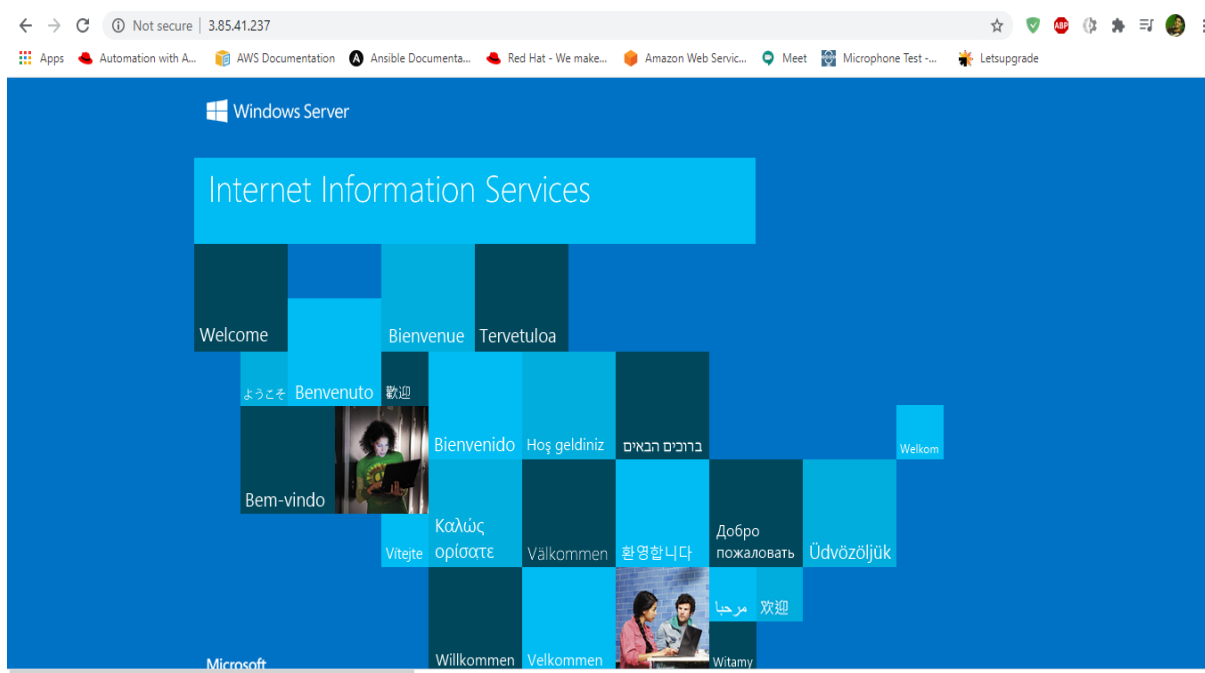
Root device type: ebs    Virtualization type: hvm    ENA Enabled: Yes

Select

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

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

**Ubuntu Server 18.04 LTS (HVM), SSD Volume Type** - ami-0bcc094591f354be2 (64-bit x86) / ami-0bc556e0c71e1b467 (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)

## Task 2: Download and install MobaXterm Portable Edition

## Task 3: Install nginx web server using bash

```
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

/usr/bin/xauth: file /home/ubuntu/.Xauthority does not exist
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-172-31-53-160:~$
ubuntu@ip-172-31-53-160:~$ sudo apt-get -y update
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu bionic InRelease
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu bionic-updates InRelease [88.7 kB]
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu bionic-backports InRelease [74.6 kB]
Get:4 http://security.ubuntu.com/ubuntu bionic-security InRelease [88.7 kB]
Get:5 http://us-east-1.ec2.archive.ubuntu.com/ubuntu bionic/universe amd64 Packages [8570 kB]
Get:6 http://us-east-1.ec2.archive.ubuntu.com/ubuntu bionic/universe Translation-en [4941 kB]
Get:7 http://us-east-1.ec2.archive.ubuntu.com/ubuntu bionic/multiverse amd64 Packages [151 kB]
Get:8 http://us-east-1.ec2.archive.ubuntu.com/ubuntu bionic/multiverse Translation-en [108 kB]
Get:9 http://us-east-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64 Packages [1034 kB]
Get:10 http://us-east-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/main Translation-en [347 kB]
Get:11 http://us-east-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/universe amd64 Packages [1097 kB]
Get:12 http://us-east-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/universe Translation-en [342 kB]
Get:13 http://us-east-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/multiverse amd64 Packages [19.2 kB]
Get:14 http://us-east-1.ec2.archive.ubuntu.com/ubuntu bionic-updates/multiverse Translation-en [6712 B]
Get:15 http://us-east-1.ec2.archive.ubuntu.com/ubuntu bionic-backports/main amd64 Packages [7516 B]
Get:16 http://us-east-1.ec2.archive.ubuntu.com/ubuntu bionic-backports/main Translation-en [4764 B]
Get:17 http://us-east-1.ec2.archive.ubuntu.com/ubuntu bionic-backports/universe amd64 Packages [7736 B]
Get:18 http://us-east-1.ec2.archive.ubuntu.com/ubuntu bionic-backports/universe Translation-en [4588 B]
Get:19 http://security.ubuntu.com/ubuntu bionic-security/main amd64 Packages [809 kB]
Get:20 http://security.ubuntu.com/ubuntu bionic-security/main Translation-en [254 kB]
Get:21 http://security.ubuntu.com/ubuntu bionic-security/universe amd64 Packages [691 kB]
Get:22 http://security.ubuntu.com/ubuntu bionic-security/universe Translation-en [229 kB]
Get:23 http://security.ubuntu.com/ubuntu bionic-security/multiverse amd64 Packages [8100 B]
Get:24 http://security.ubuntu.com/ubuntu bionic-security/multiverse Translation-en [2852 B]
Fetched 18.9 MB in 4s (4809 kB/s)
Reading package lists... Done
ubuntu@ip-172-31-53-160:~$
```

## Task 4: Verify successful installation of nginx

