

# Let's Upgrade AWS Essentials

Harsh Saxena

## Day – 3 Assignment - 1

### PROJECT – 1:-

**Task 1 – Create a windows instance using AMI windows 2012 R2 base**

**Task 2 – Launch the windows instance using RDP**

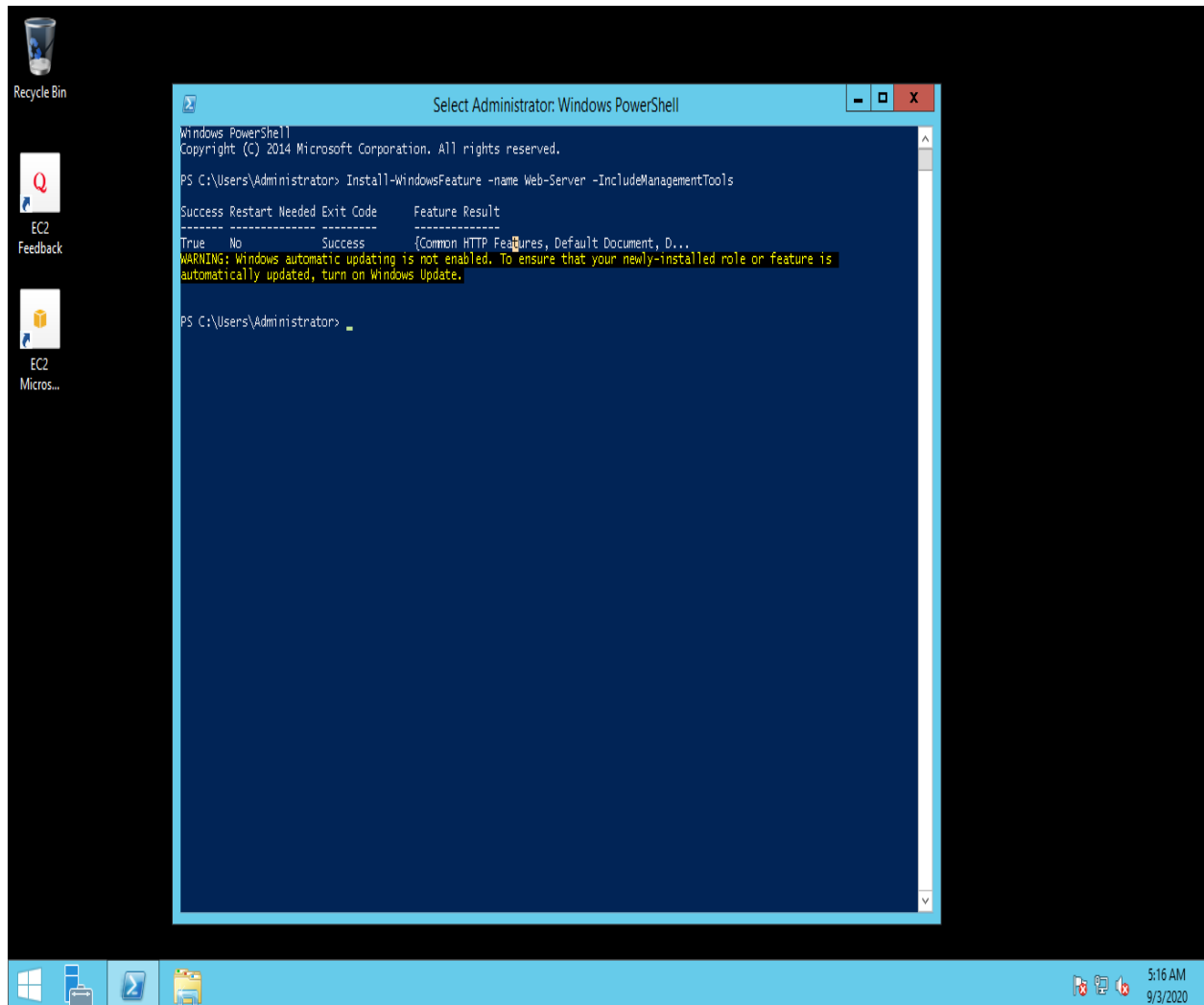
The screenshot displays the AWS Management Console interface. The top navigation bar includes the AWS logo, 'Services', 'Resource Groups', and user information 'HarshS' from 'Ohio'. The left sidebar shows the 'EC2 Dashboard' and a list of navigation options under 'Instances' and 'Images'. The main content area shows a table of EC2 instances with one instance named 'Windows' in a 'running' state. Below the table, the details for instance 'i-071f8e968d7a2744c' are shown, including its public DNS and IP address.

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
Windows	i-071f8e968d7a2744c	t2.micro	us-east-2c	running	2/2 checks ...	None	ec2-3-16-111-165.us-e...

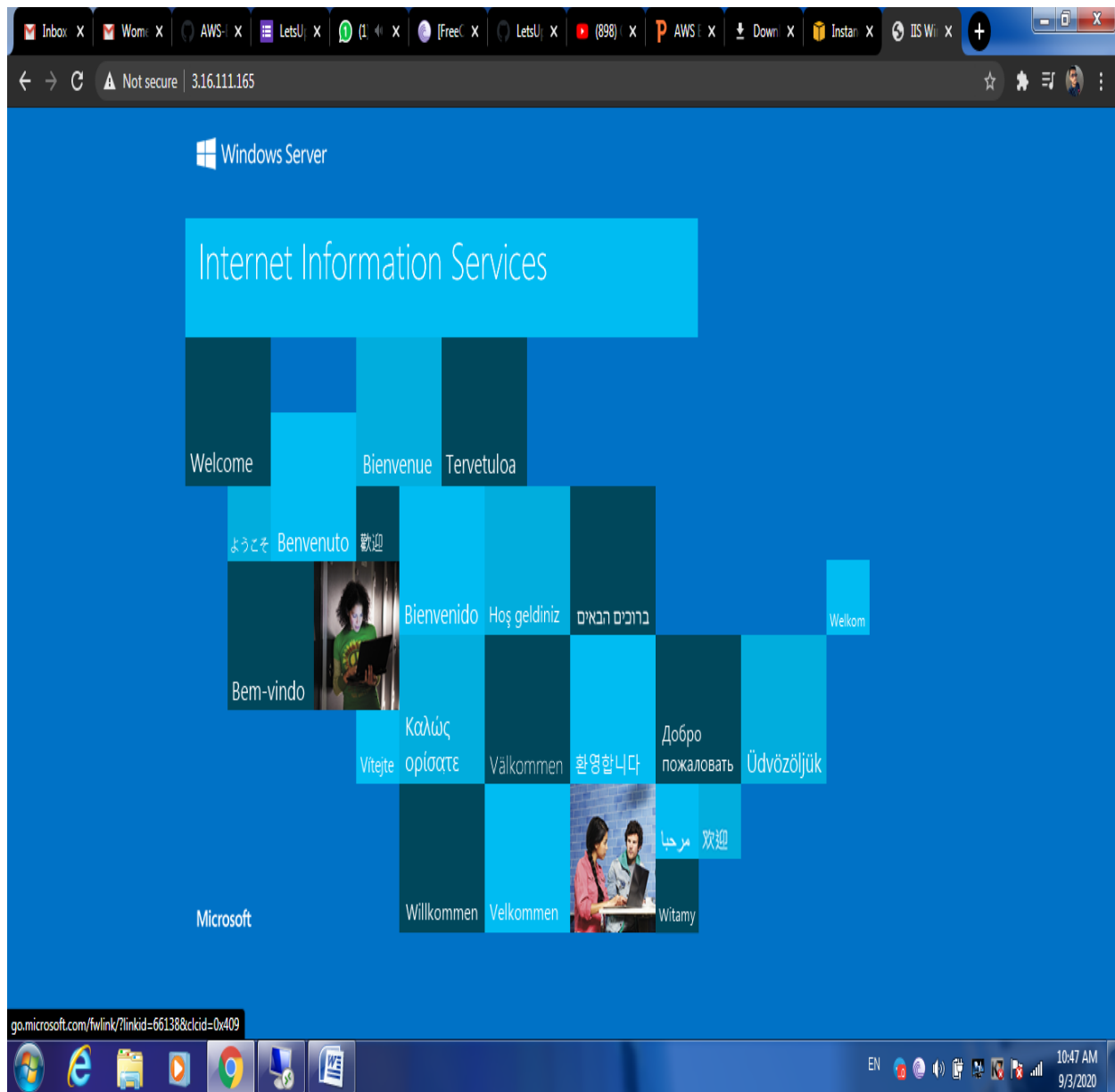
Instance: i-071f8e968d7a2744c (Windows)    Public DNS: ec2-3-16-111-165.us-east-2.compute.amazonaws.com

Description	
Instance ID	i-071f8e968d7a2744c
Public DNS (IPv4)	ec2-3-16-111-165.us-east-2.compute.amazonaws.com
Instance state	running
IPv4 Public IP	3.16.111.165

### Task 3 – Install IIS web server using Powershell ISE



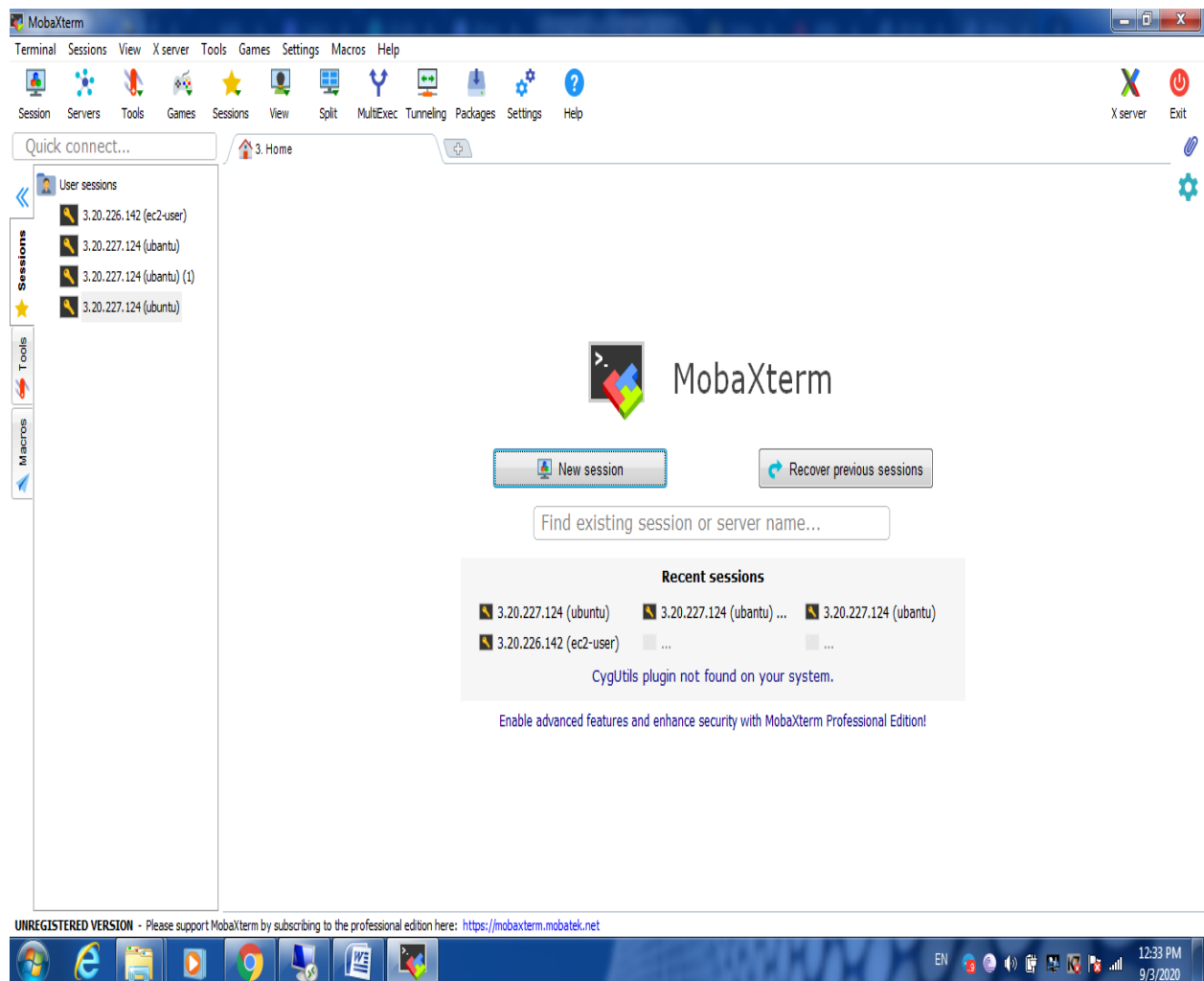
#### Task 4 – Verify successful installation of IIS Web Server



## PROJECT – 2:-

**Task1 – Create a windows instance using AMI Ubuntu server 18.04 LTS (HVM)**

**Task2 – Download and install MobaXterm Portable Edition**



## Task2 – Launch the Ubuntu instance using SSH

The screenshot displays the AWS Management Console interface. The top navigation bar includes the AWS logo, 'Services', 'Resource Groups', and user information (HarshS, Ohio, Support). The left sidebar shows the 'New EC2 Experience' section with links to 'EC2 Dashboard', 'Events', 'Tags', 'Limits', 'Instances', 'Instance Types', 'Launch Templates', 'Spot Requests', 'Savings Plans', 'Reserved Instances', 'Dedicated Hosts', 'Capacity Reservations', 'Images', 'AMIs', and 'Elastic Block Store'. The main content area shows a list of instances with a search bar and a table of instance details. Below the table, the details for the selected instance (i-0f84211b0a7a256fa) are displayed, including its name (Ubuntu), public DNS, and IP address.

us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#instances:search=i-0f84211b0a7a256fa:sort=desc:tag:Name

Launch Instance Connect Actions

search: i-0f84211b0a7a256fa Add filter

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
Ubuntu	i-0f84211b0a7a256fa	t2.micro	us-east-2b	running	2/2 checks ...	None	ec2-3-20-227-124.us-e...

Instance: i-0f84211b0a7a256fa (Ubuntu) Public DNS: ec2-3-20-227-124.us-east-2.compute.amazonaws.com

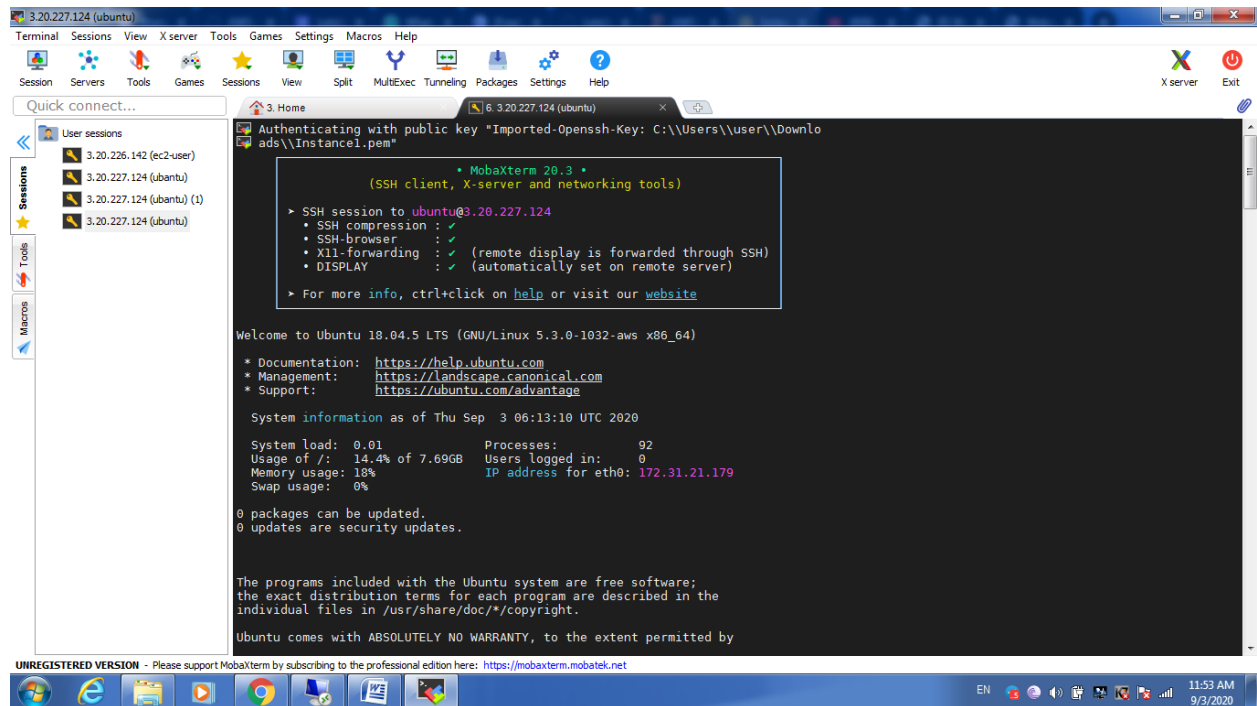
Description Status Checks Monitoring Tags

Instance ID	Public DNS (IPv4)
i-0f84211b0a7a256fa	ec2-3-20-227-124.us-east-2.compute.amazonaws.com

Instance state	IPv4 Public IP
running	3.20.227.124

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## Task4 – 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](http://nginx.org).  
Commercial support is available at [nginx.com](http://nginx.com).

*Thank you for using nginx.*

