**Installing Internet Information Server in Windows instance**

**Aim:**

Launching an AWS instance which runs Windows Server 2016. This instance is configured to automatically install Internet Information Service (IIS)

**Required AWS services**:

EC2

**Procedure :**

1. In Amazon management console, choose EC2 under services tab
2. Click Launch Instance
3. Choose AMI image

select Microsoft Windows Server 2016 Base (Free tier)

1. Choose the instance type
2. Click Next : configure instance details
3. Leave all the options with default values but scroll down and click **Advanced Details**
4. User data field can be used to provide a start up script that will be automatically executed when the instance is started . This is an ideal way to configure the instance, such as installing additional software

Type the following in the user data field to install IIS.

<powershell>

Install-WindowsFeature Web-Server –IncludeManagementTools –IncludeAllSubFeature

</powershell>

1. Leave default setting for Storage, Tags

Leave the default settings

1. In security group, Click Add rule

select HTTP

In Source drop down list , select Anywhere

Click Add rule

select HTTPS

In Source drop down list , select Anywhere

Click Review and Launch

Click Launch

1. Security key pair

Choose Create new keypair

Type key pair name : Webserver

Click download keypair (pem key )

Click Launch Instance

On launch status page click View Instances

1. Return to EC2 management console, select your EC2 instance and click connect (check whether instance ready)

In Conect to your Instance dialog box : Click Get password, Click Choose File or Browse, Select the Pem key pair Webserver.pem ( file name should match the key name displayed in the screen)

Click Decrypt password ( the screen shows the DNS name , User name and password )

Note the DNS name , user name and password

1. Click Download Remote Desktop file and Open the file to start Remote Desktop
2. Click Connect
3. Enter password , Click ok

[ if error in logging in then try the use name .\Administrator instead of Administrator ]

1. If you get yellow warning message click Yes
2. Now you are connected to your Amazon ECE Instance [ IIS is running on the instance due to user data script]