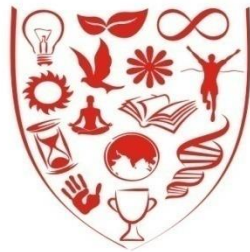


CLOUD COMPUTING



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1

CONTENTS

- How to host a website on Windows server
- What is use of IIS?
- How to Install IIS?
- How to add website in IIS?
- How to make our website public?

HOSTING WEBSITE ON CLOUD

- Launch a Virtual Machine
- Design a Website
- Install IIS(Internet Information Service) in VM.
This is a web server.
- Open IIS Manager
- Add website into IIS
- Edit Inbound Rules for public access.
- Launch Website

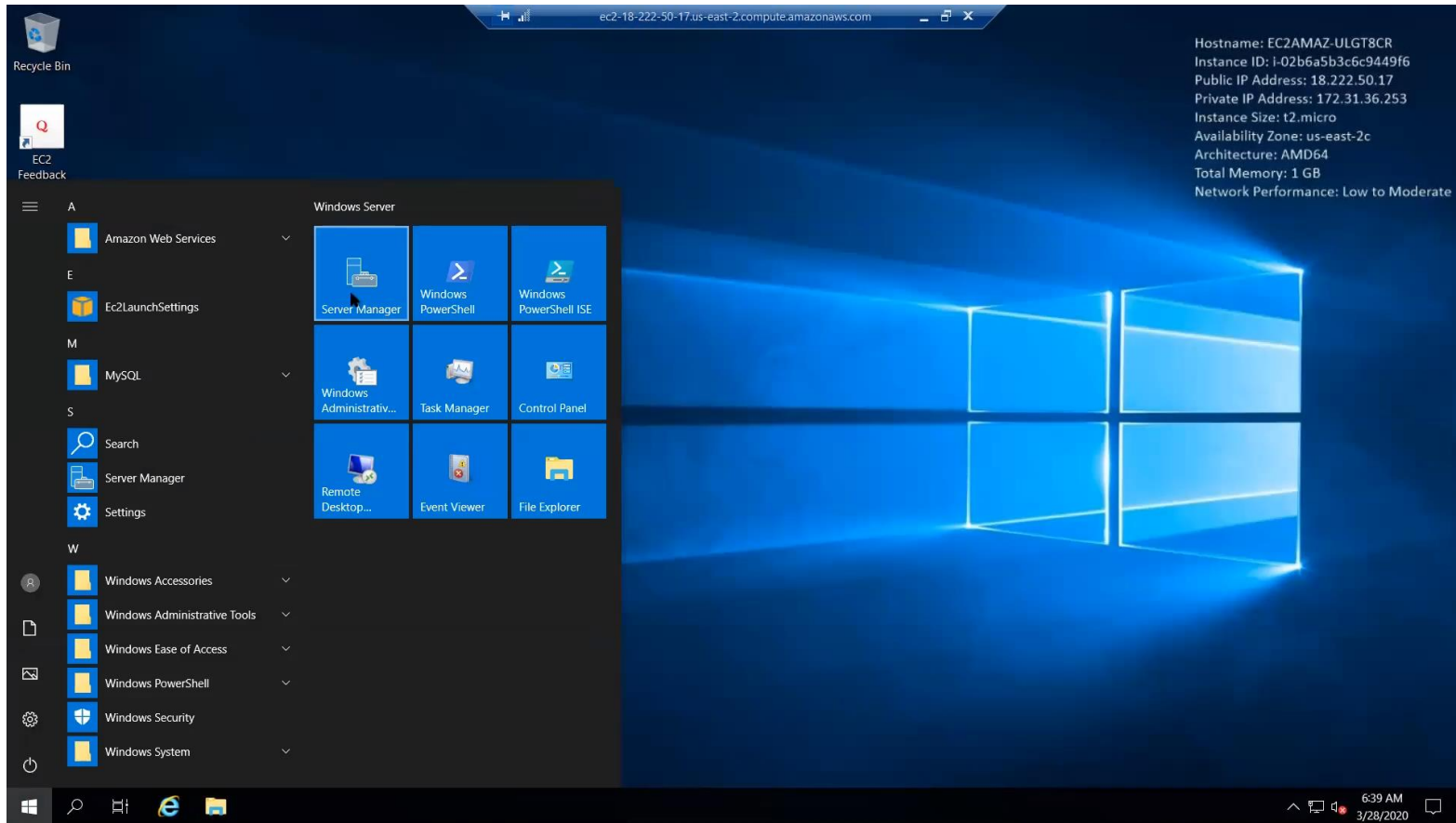
LAUNCH WINDOWS SERVER



4/9/2020

INSTALL IIS(INTERNET INFORMATION SERVER)

Click on Server Manager and Install IIS



4/9/2020

CLICK ON ADD ROLES AND FEATURES

4/9/2020

The screenshot shows the AWS Server Manager dashboard. The browser address bar displays 'ec2-18-222-50-17.us-east-2.compute.amazonaws.com'. The dashboard header includes navigation icons, a 'Server Manager' breadcrumb, and a 'Dashboard' title. On the left sidebar, 'Dashboard' is selected, with 'Local Server' and 'All Servers' listed below. The main content area is titled 'WELCOME TO SERVER MANAGER' and features a 'QUICK START' section with five numbered steps. Step 2, 'Add roles and features', is highlighted with an orange circle and a mouse cursor. Below this, the 'ROLES AND SERVER GROUPS' section shows two columns: 'Local Server' and 'All Servers', each with a count of 1 and a list of roles including Manageability, Events, Services, Performance, and BPA results. The Windows taskbar at the bottom shows the time as 6:39 AM on 3/28/2020.

Server Manager

ec2-18-222-50-17.us-east-2.compute.amazonaws.com

Server Manager ▸ Dashboard

Manage Tools View Help

Dashboard

Local Server

All Servers

WELCOME TO SERVER MANAGER

1 Configure this local server

2 Add roles and features

3 Add other servers to manage

4 Create a server group

5 Connect this server to cloud services

QUICK START

WHAT'S NEW

LEARN MORE

Hide

ROLES AND SERVER GROUPS

Roles: 0 | Server groups: 1 | Servers total: 1

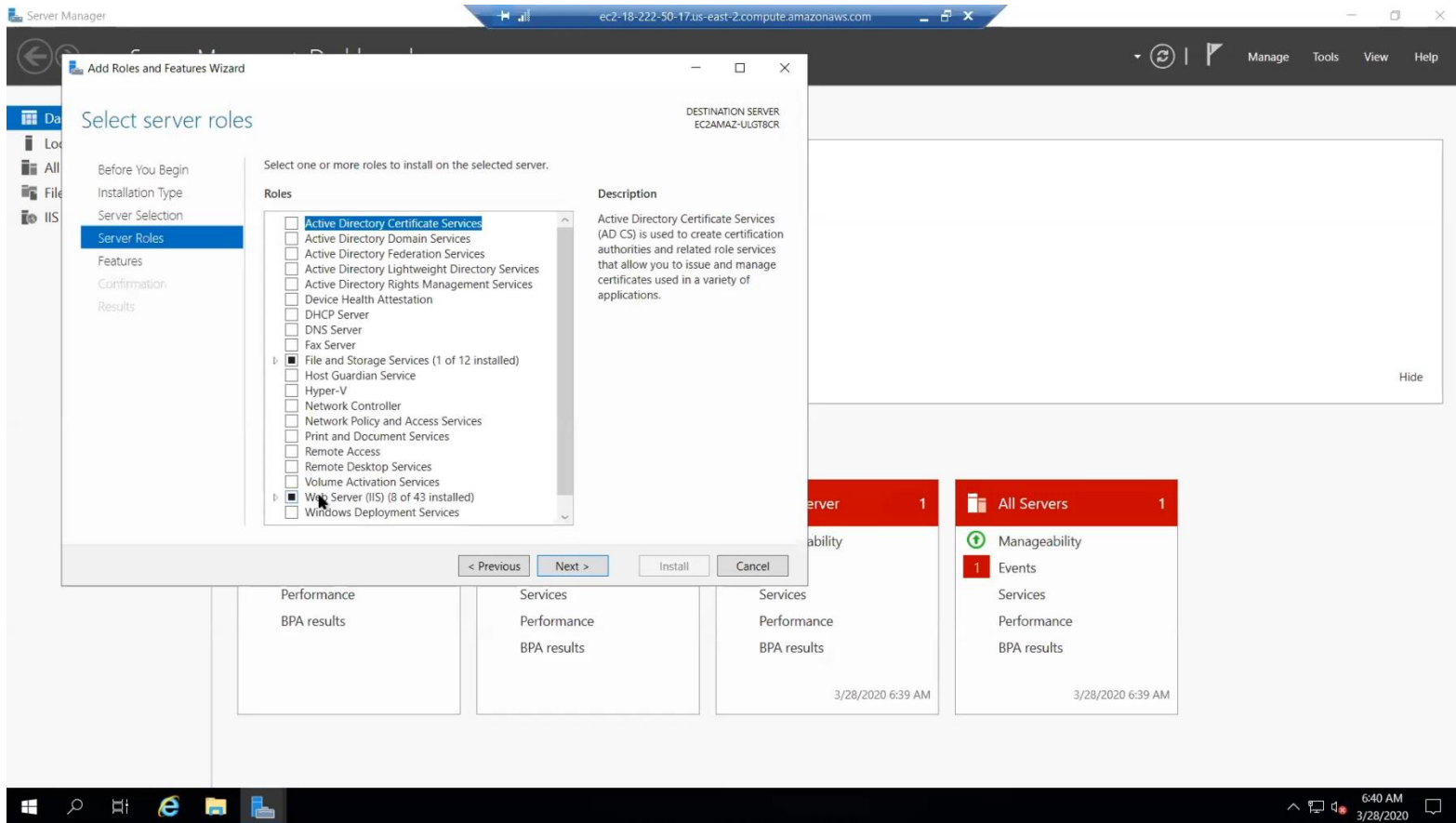
Local Server	1
Manageability	
Events	
Services	
Performance	
BPA results	

All Servers	1
Manageability	
Events	
Services	
Performance	
BPA results	

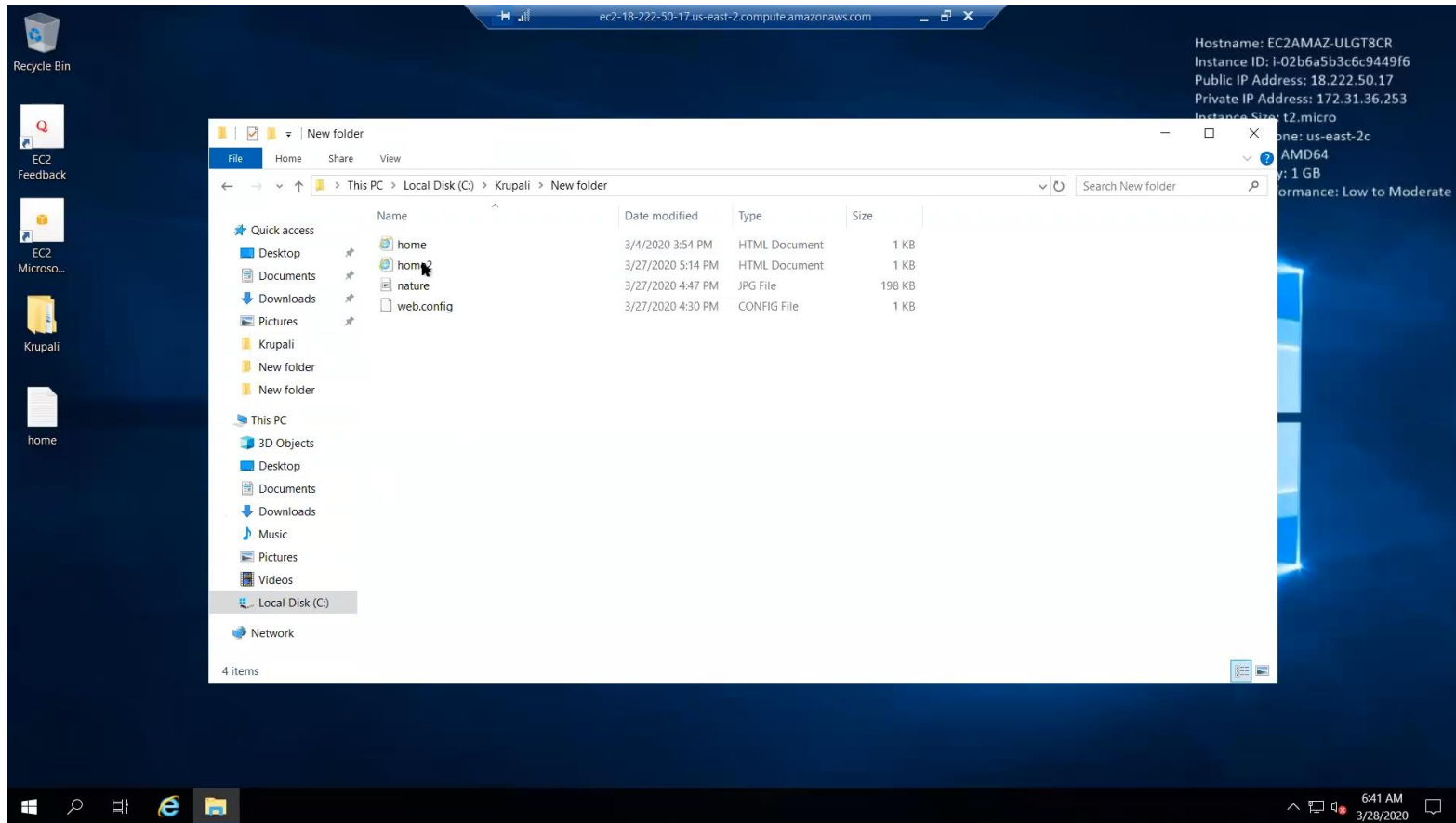
6:39 AM 3/28/2020

CHECK CHECKBOX OF WEB SERVER(IIS) AND INSTALL IT

4/9/2020

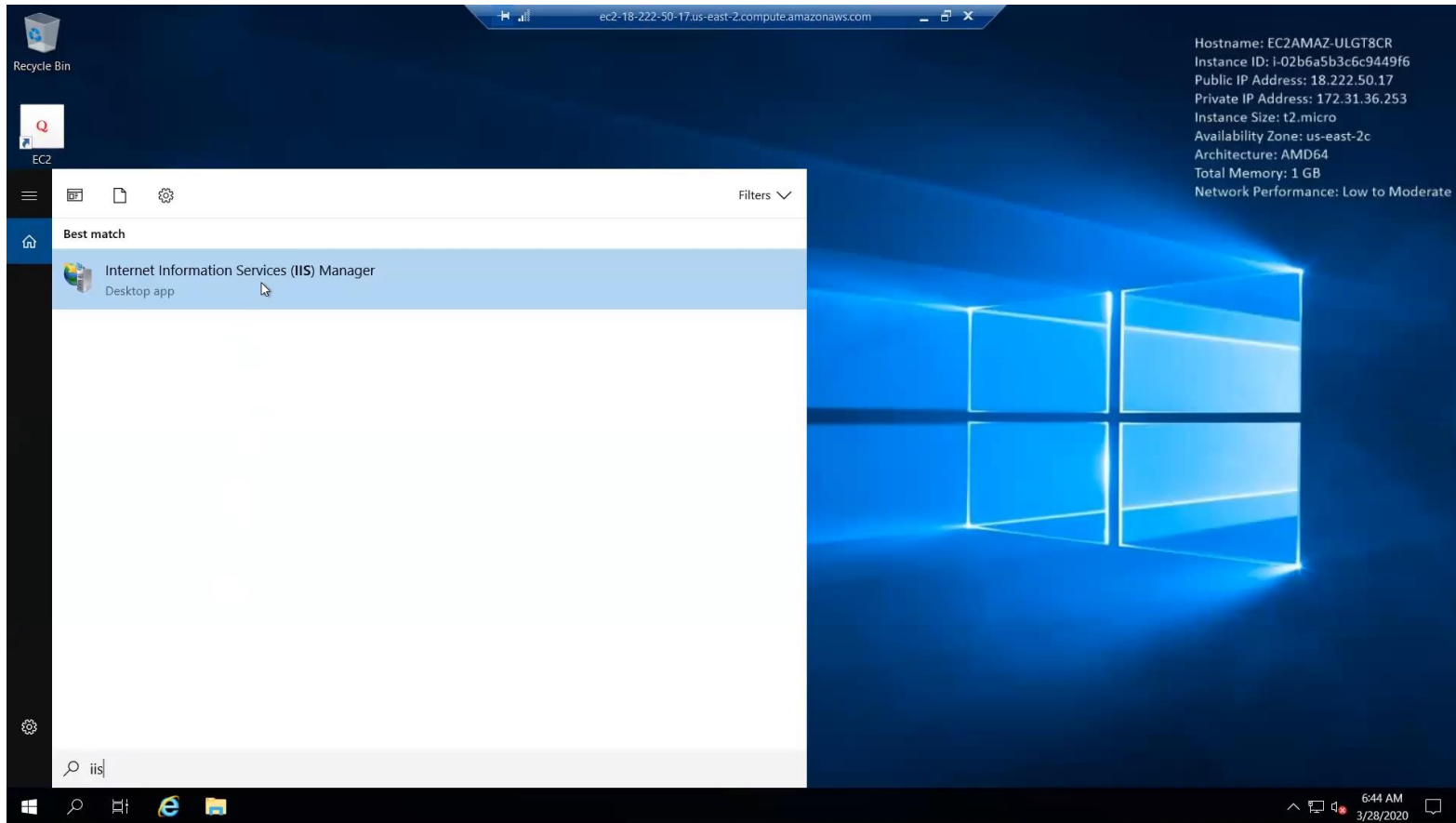


DESIGN WEB PAGES AND COPY IN A FOLDER IN C DRIVE



4/9/2020

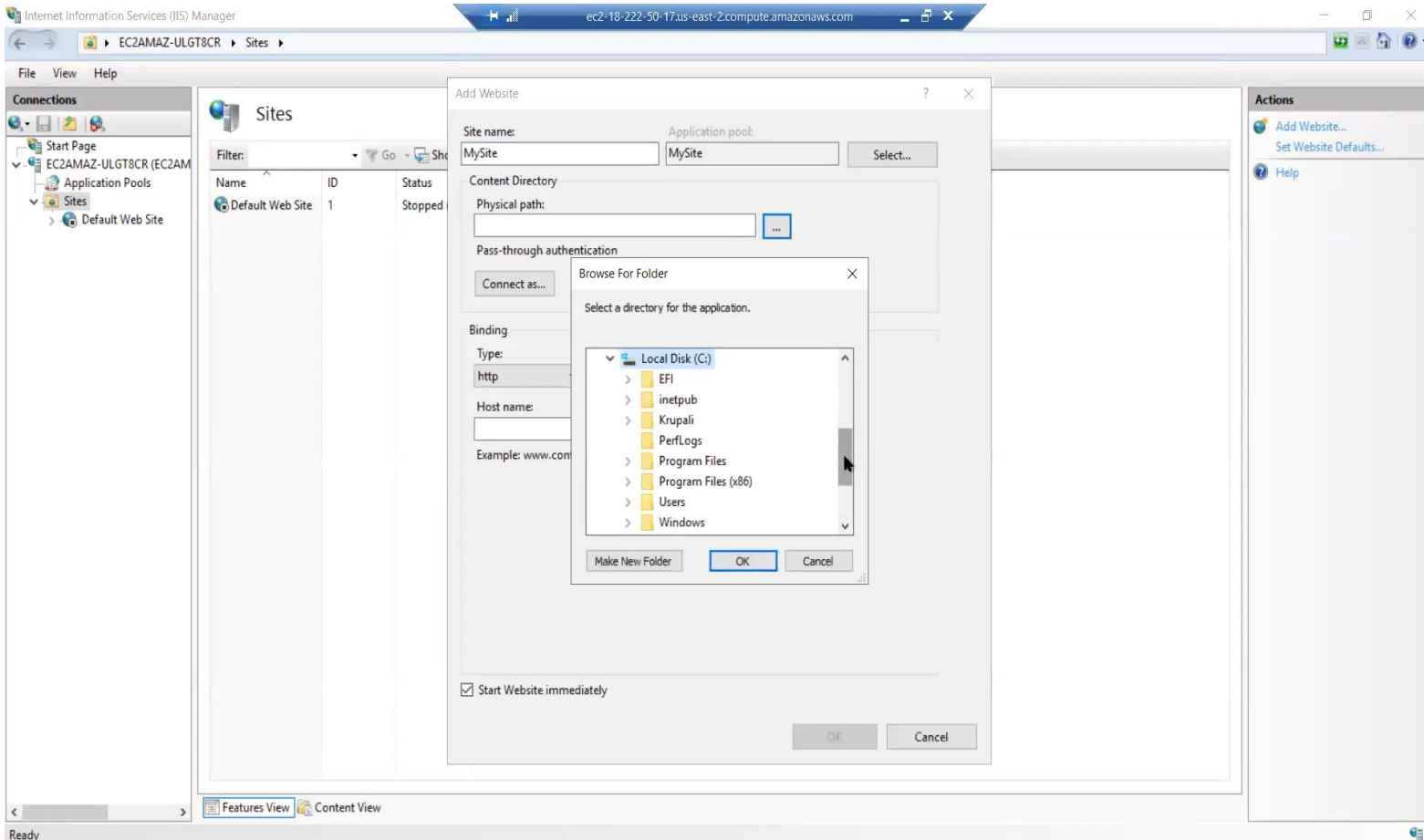
OPEN IIS MANAGER(YOU CAN TYPE THIS IN SEARCH BAR)



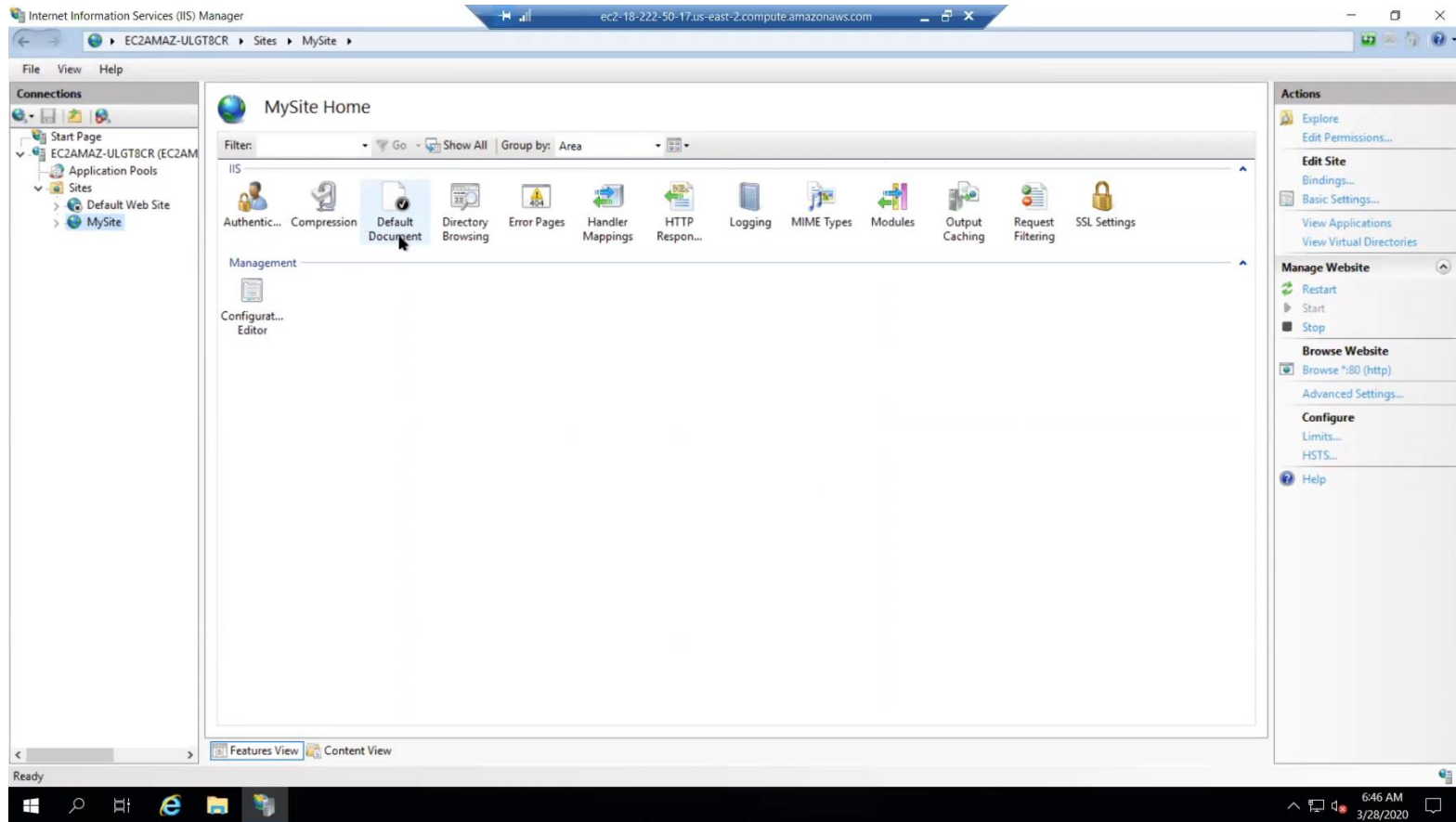
4/9/2020

CLICK ON ADD WEBSITE

Enter a Site name and Give a physical path to C Drive where Web pages are available.

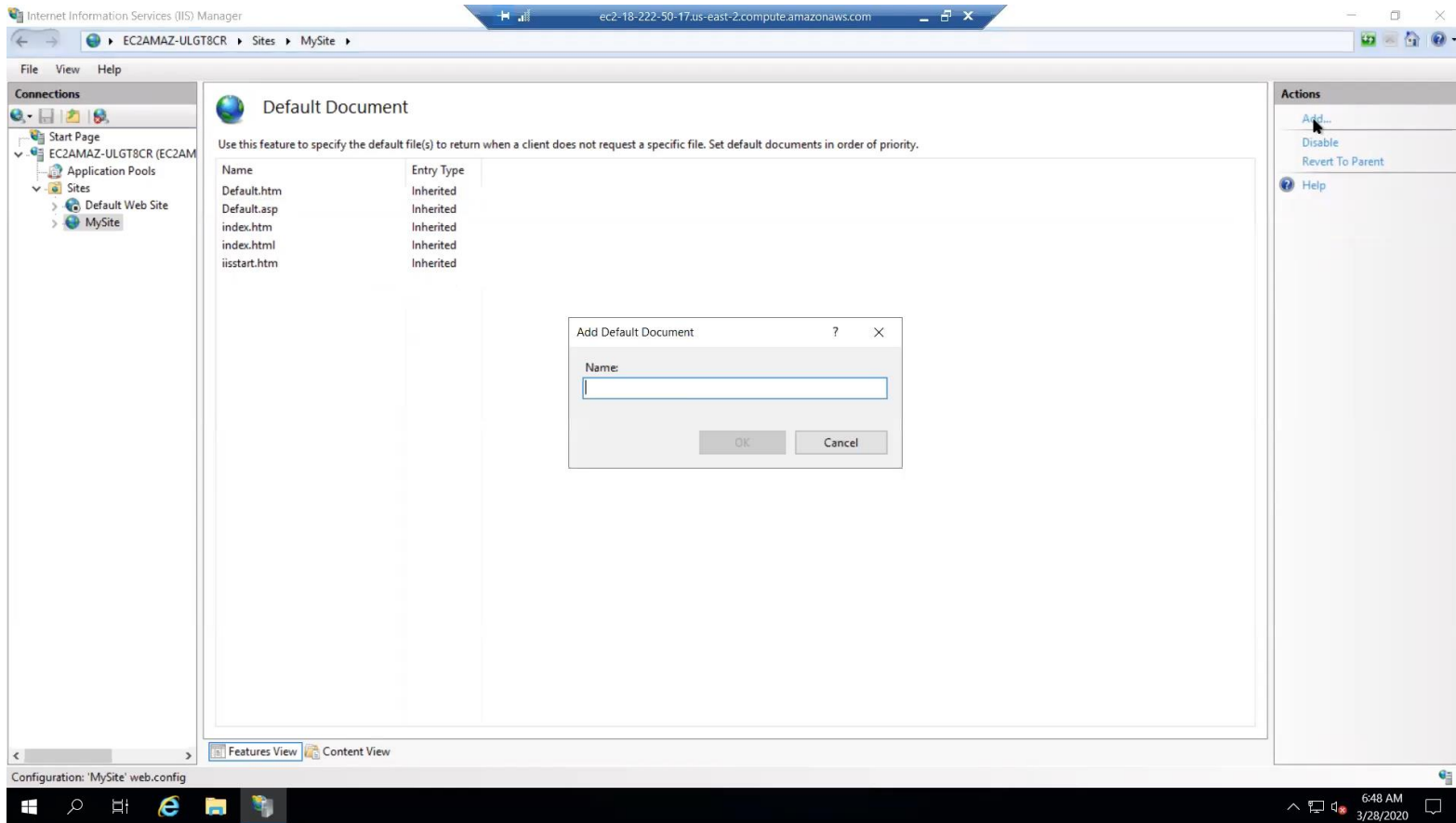


CLICK ON DEFAULT DOCUMENT



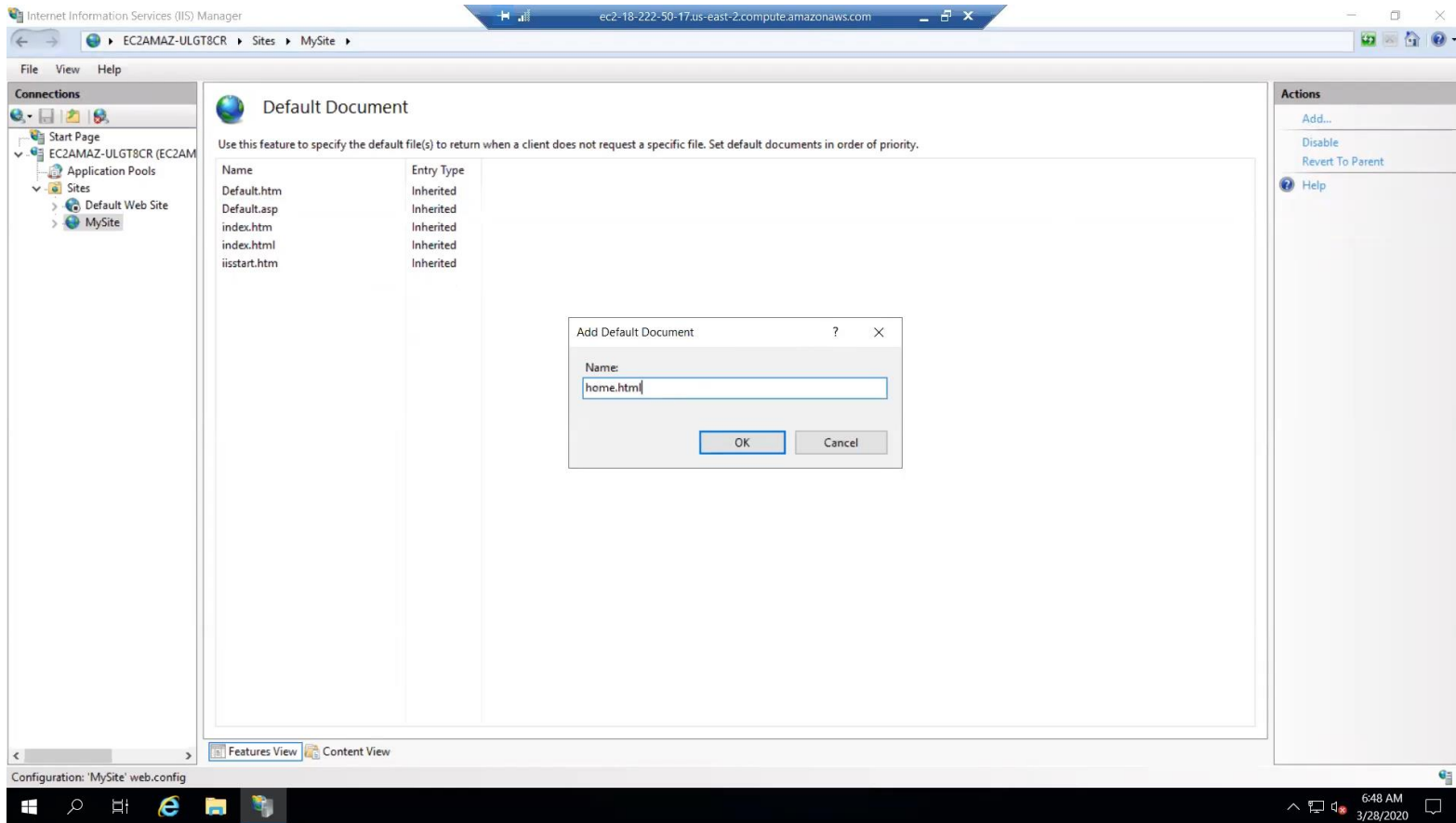
4/9/2020

ADD A DEFAULT DOCUMENT



4/9/2020

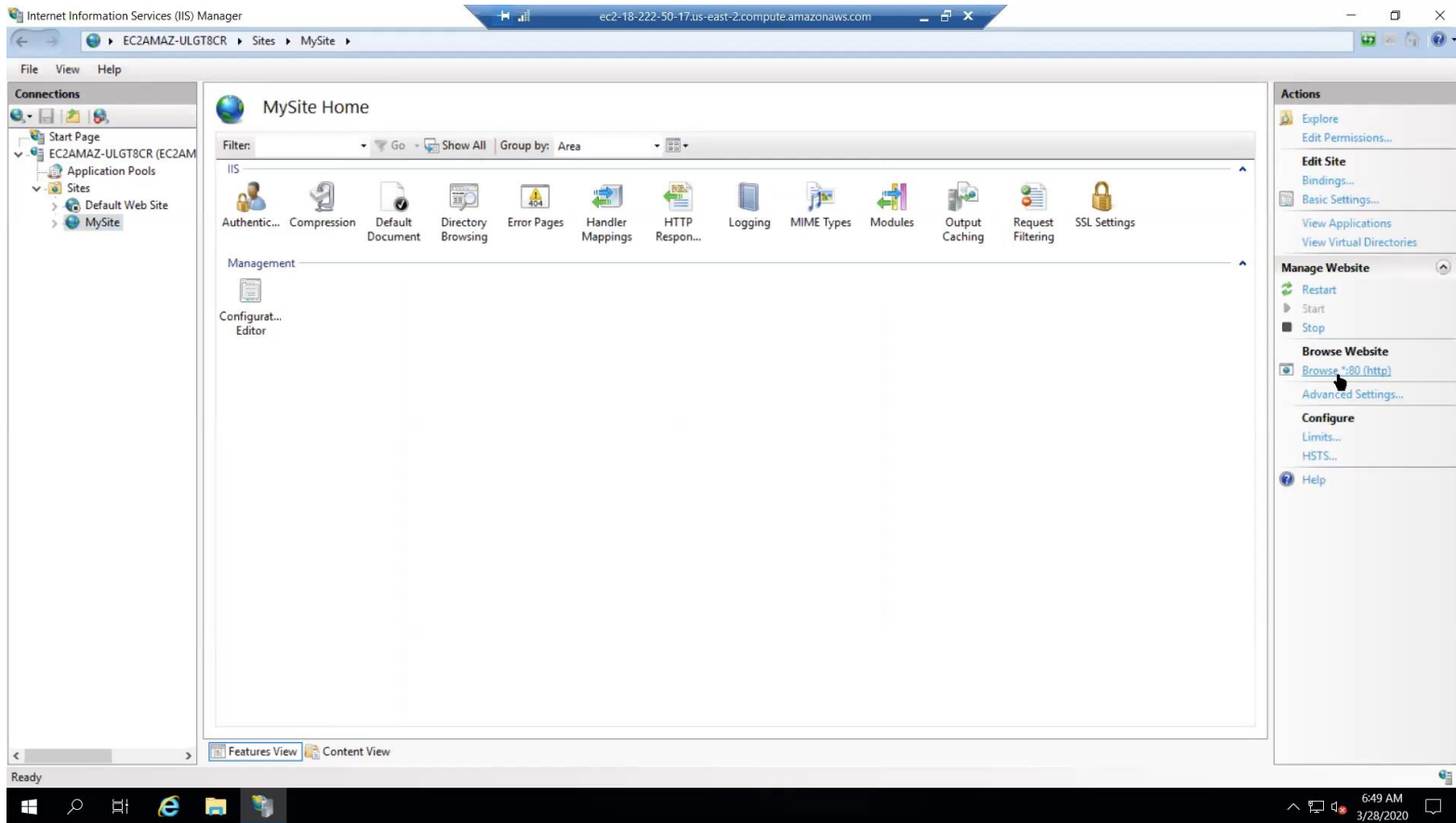
PROVIDE NAME OF DEFAULT DOCUMENT



4/9/2020

RUN WEBSITE ON LOCAL HOST BY CLICKING ON BROWSE

4/9/2020



CLICK ON SECURITY GROUPS OF INSTANCE

4/9/2020

The screenshot shows the AWS Management Console interface. At the top, the browser address bar displays the URL: `us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Instances:sort=desc:instanceState`. The console header includes the AWS logo, navigation tabs for Services and Resource Groups, and user information (KVD, Ohio, Support).

On the left sidebar, the 'INSTANCES' section is expanded, showing 'Instances' as the active item. The main content area displays a table of EC2 instances. The first instance is selected, and its details are shown in a card below the table.

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)	IPv4 Pub
	i-02b6a5b3c6c9449f6	t2.micro	us-east-2c	running	2/2 checks passed	None	ec2-18-222-50-17 us-e...	18.222.50.17

The details card for the selected instance shows the following information:

- Instance state:** running
- Instance type:** t2.micro
- Private DNS:** ip-172-31-36-253.us-east-2.compute.internal
- Private IPs:** 172.31.36.253
- VPC ID:** vpc-94a968ff
- Subnet ID:** subnet-d91e9195
- Network interfaces:** eth0
- IAM role:** -
- Key pair name:** MvFirstKey
- Availability zone:** us-east-2c
- Security groups:** [launch-wizard-1](#), [view inbound rules](#), [view outbound rules](#)
- Scheduled events:** No scheduled events
- AMI ID:** Windows_Server-2019-English-Full-Base-2020.01.15 (ami-0182e552fba672768)
- Platform details:** Windows
- Usage operation:** RunInstances:0002
- Source/dest. check:** True
- T2/T3 Unlimited:** Disabled

At the bottom of the console, the footer displays the copyright notice: © 2008 - 2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. Privacy Policy Terms of Use.

IN ACTIONS CLICK ON EDIT INBOUND RULES

4/9/2020

EC2 Management Console

us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#SecurityGroups:group-id=sg-0a945e63ba136d7a2:sort=group-id

Services Resource Groups

EC2 > Security Groups

Security Groups (1/1) Info

Filter security groups

Security group ID: sg-0a945e63ba136d7a2 X Clear filters

Actions

- View details
- Edit inbound rules
- Edit outbound rules
- Manage tags
- Manage stale rules

Security group ID	Security group name	VPC ID	Description	Inbound
sg-0a945e63ba136d7a2	launch-wizard-1	vpc-94a968ff	launch-wizard-1 create...	358467079899 3 Permis

sg-0a945e63ba136d7a2 - launch-wizard-1

Details Inbound rules Outbound rules Tags

Feedback English (US)

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IN RULES ADD HTTP PROTOCOL BY CLICKING ON ADD RULE

4/9/2020

EC2 Management Console

us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#ModifyInboundSecurityGroupRules:securityGroupId=sg-0a945e63ba136d7a2

Apps Bookmarks Plex

aws Services Resource Groups

EC2 > Security Groups > sg-0a945e63ba136d7a2 - launch-wizard-1 > Edit inbound rules

Edit inbound rules [Info](#)

Inbound rules control the incoming traffic that's allowed to reach the instance.

Inbound rules [Info](#)

Type Info	Protocol Info	Port range Info	Source Info	Description - optional Info	
HTTP	TCP	80	Custom <input type="text" value="Q"/>		Delete
			<input type="text" value="0.0.0.0/0"/>		
HTTP	TCP	80	Custom <input type="text" value="Q"/>		Delete
			<input type="text" value="::/0"/>		
RDP	TCP	3389	Custom <input type="text" value="Q"/>		Delete
			<input type="text" value="0.0.0.0/0"/>		

Add rule

Feedback English (US)

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FINALLY ACCESS WEBSITE USING IP ADDRESS

4/9/2020

The screenshot displays the AWS Management Console interface. The top navigation bar includes the AWS logo, 'Services', 'Resource Groups', and a user profile 'KVD' from 'Ohio'. The left sidebar lists navigation options like 'EC2 Dashboard', 'Events', 'Tags', 'Reports', 'Limits', 'INSTANCES', 'IMAGES', and 'ELASTIC BLOCK STORE'. The main content area shows a list of EC2 instances. One instance, 'i-02b6a5b3c6c9449f6', is highlighted. Below the list, the details for this instance are shown, including its Public DNS (IPv4) address: 'ec2-18-222-50-17.us-east-2.compute.amazonaws.com'. The instance is in a 'running' state with '2/2 checks passed'.

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)	IPv4 Pub
	i-02b6a5b3c6c9449f6	t2.micro	us-east-2c	running	2/2 checks passed	None	ec2-18-222-50-17.us-east-2.compute.amazonaws.com	18.222.50.17

Instance: i-02b6a5b3c6c9449f6 Public DNS: ec2-18-222-50-17.us-east-2.compute.amazonaws.com

Description		Status Checks	Monitoring	Tags
Instance ID	i-02b6a5b3c6c9449f6	Public DNS (IPv4)	ec2-18-222-50-17.us-east-2.compute.amazonaws.com	
Instance state	running	IPv4 Public IP	18.222.50.17	
Instance type	t2.micro	IPv6 IPs	-	
Finding	Opt-in to AWS Compute Optimizer for recommendations. Learn more	Elastic IPs		
Private DNS	ip-172-31-36-253.us-east-2.compute.internal	Availability zone	us-east-2c	
Private IPs	172.31.36.253	Security groups	launch-wizard-1. view inbound rules . view outbound rules	
Secondary private IPs		Scheduled events	No scheduled events	