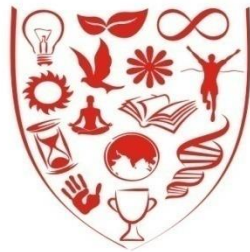


CLOUD COMPUTING



JECRCTM
UNIVERSITY
BUILD YOUR WORLD

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

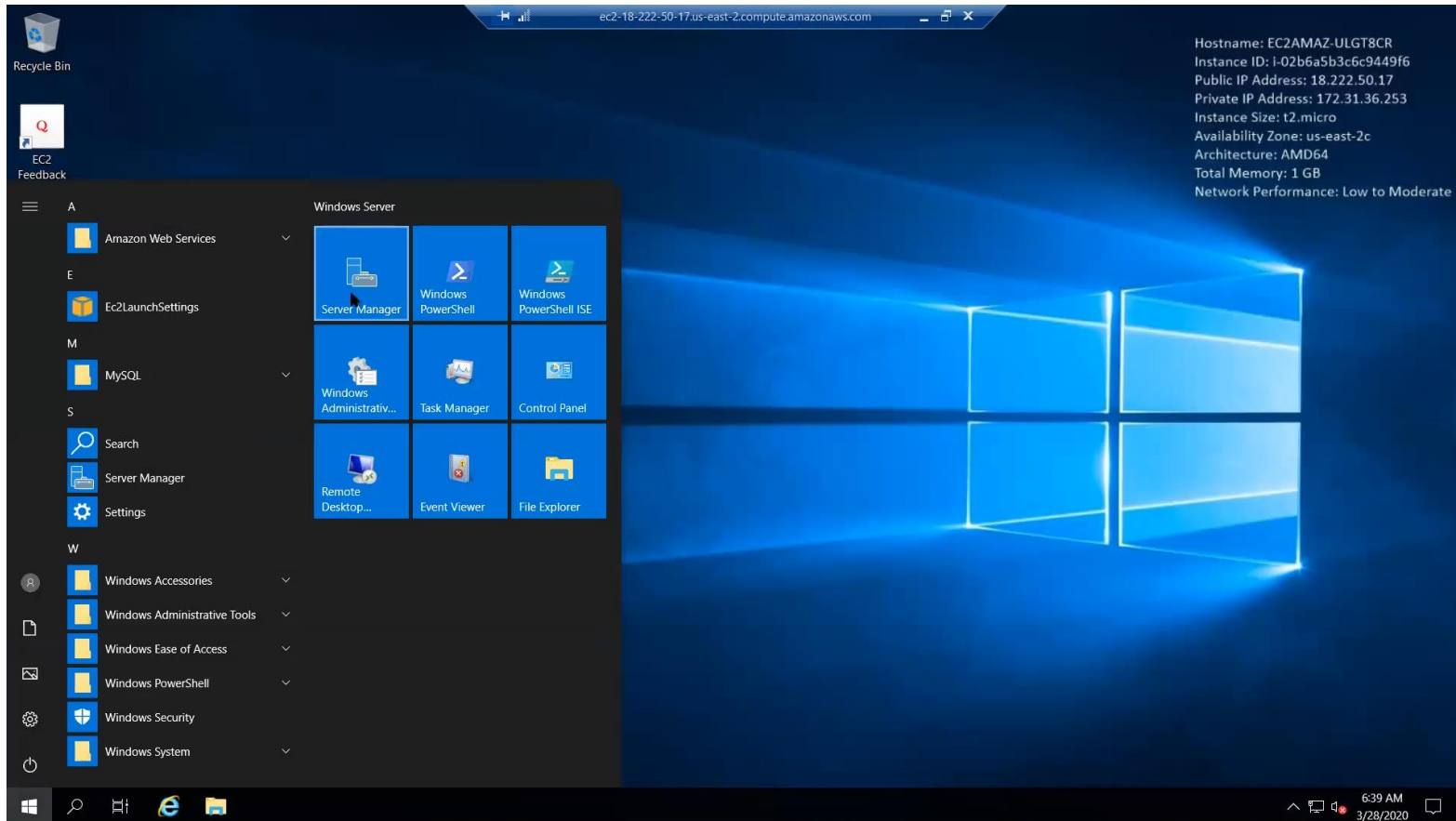
LAUNCH WINDOWS SERVER



3/28/2020

INSTALL IIS(INTERNET INFORMATION SERVER)

Click on Server Manager and Install IIS



3/28/2020

CLICK ON ADD ROLES AND FEATURES

3/28/2020

The screenshot shows the AWS Server Manager interface. The top navigation bar includes 'Server Manager' and 'Dashboard'. The left sidebar has 'Dashboard', 'Local Server', and 'All Servers'. The main content area is titled 'WELCOME TO SERVER MANAGER' and contains a 'QUICK START' section with a numbered list of 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 list of roles including 'Manageability', 'Events', 'Services', 'Performance', and 'BPA results'.

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

Hide

QUICK START

WHAT'S NEW

LEARN MORE

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

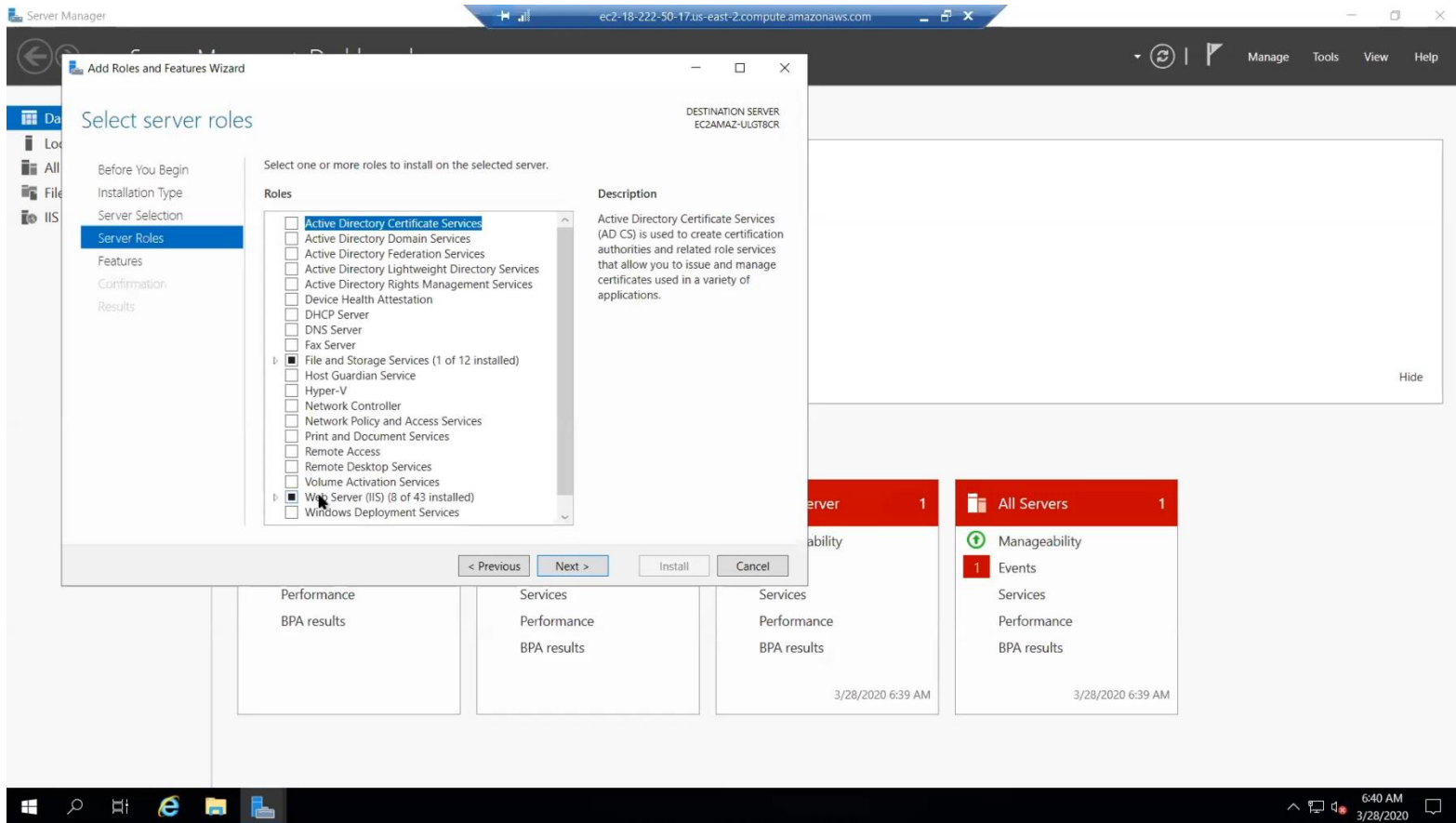
Performance

BPA results

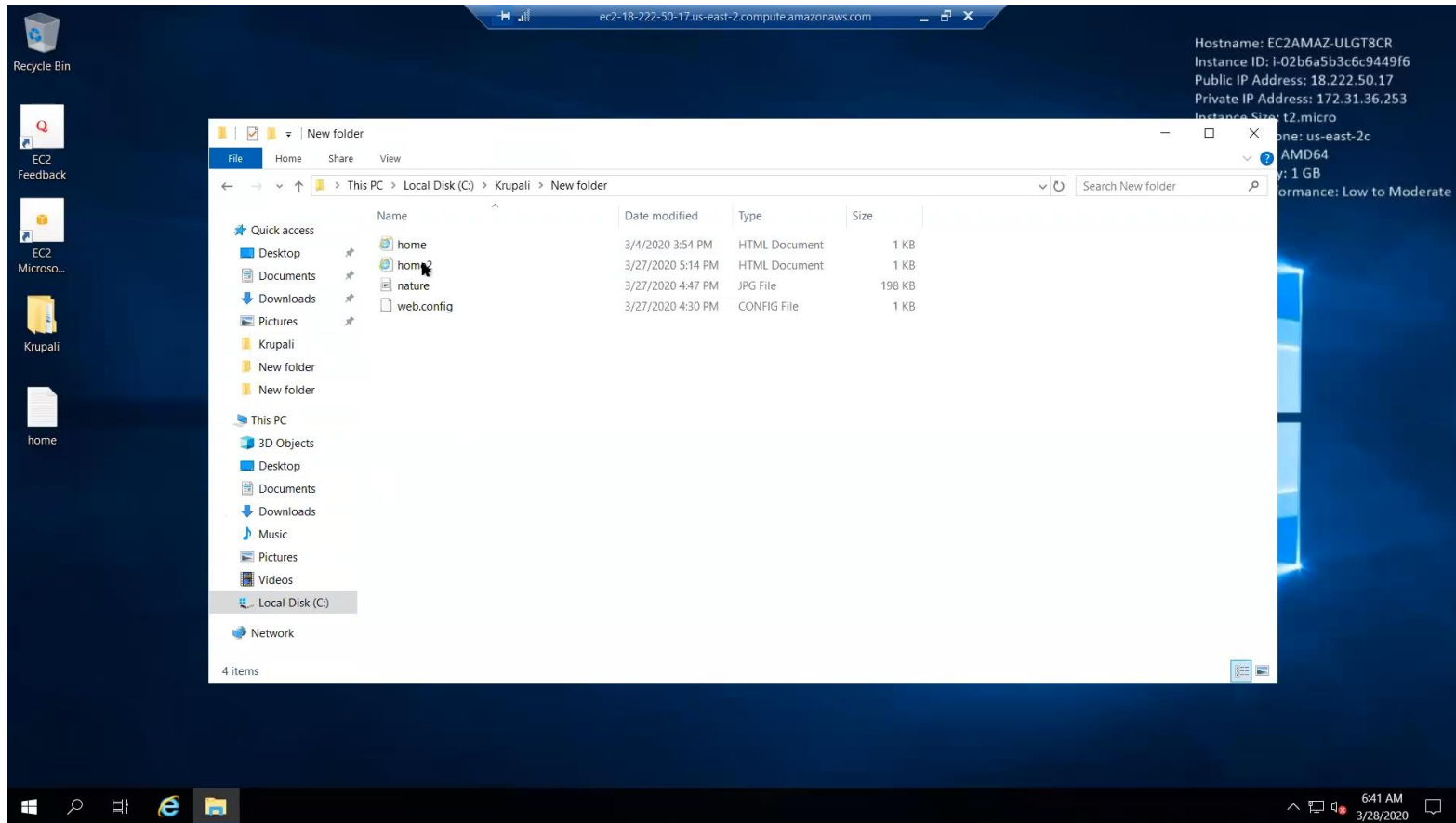
6:39 AM 3/28/2020

CHECK CHECKBOX OF WEB SERVER(IIS) AND INSTALL IT

3/28/2020

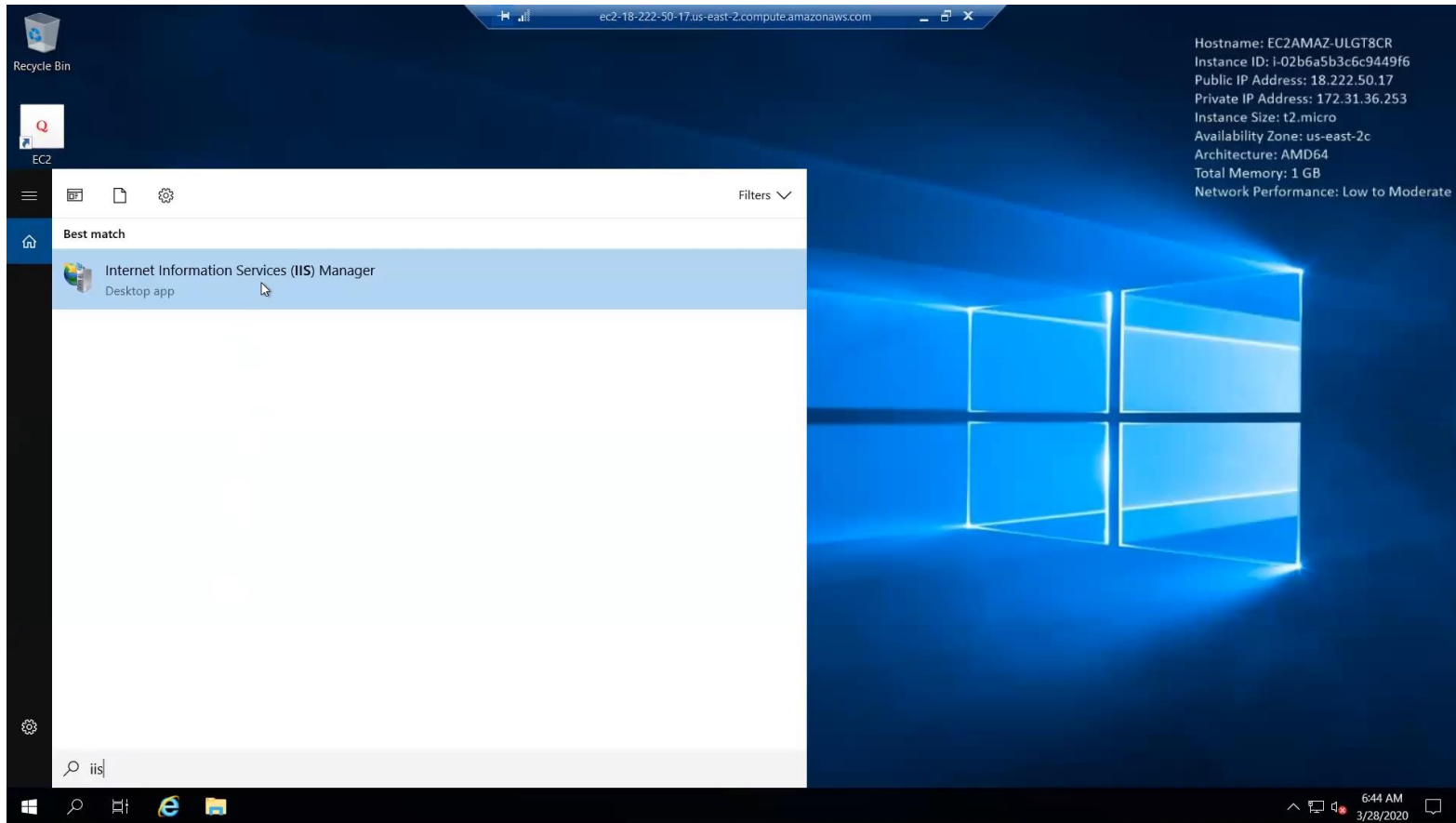


DESIGN WEB PAGES AND COPY IN A FOLDER IN C DRIVE



3/28/2020

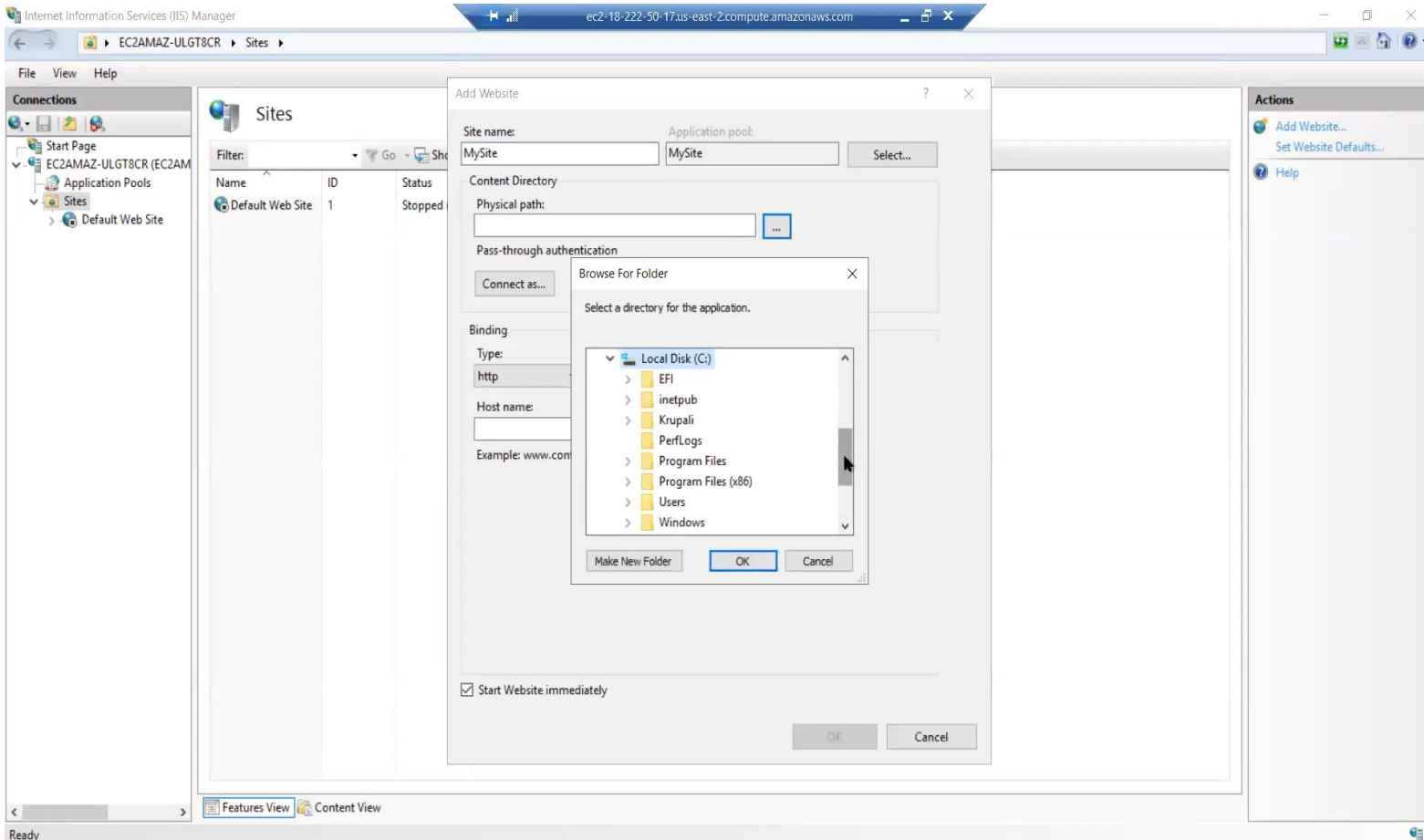
OPEN IIS MANAGER(YOU CAN TYPE THIS IN SEARCH BAR)



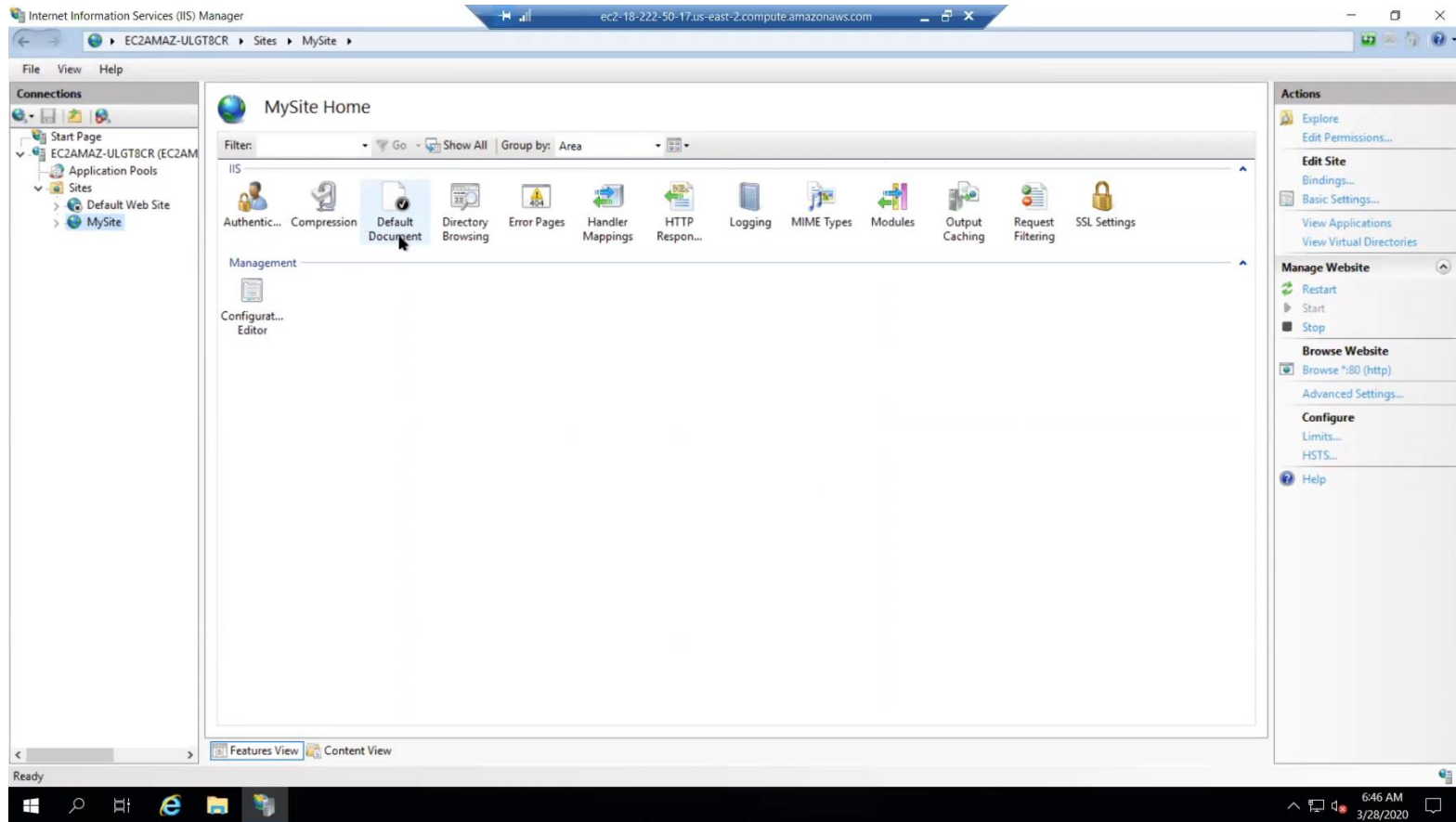
3/28/2020

CLICK ON ADD WEBSITE

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



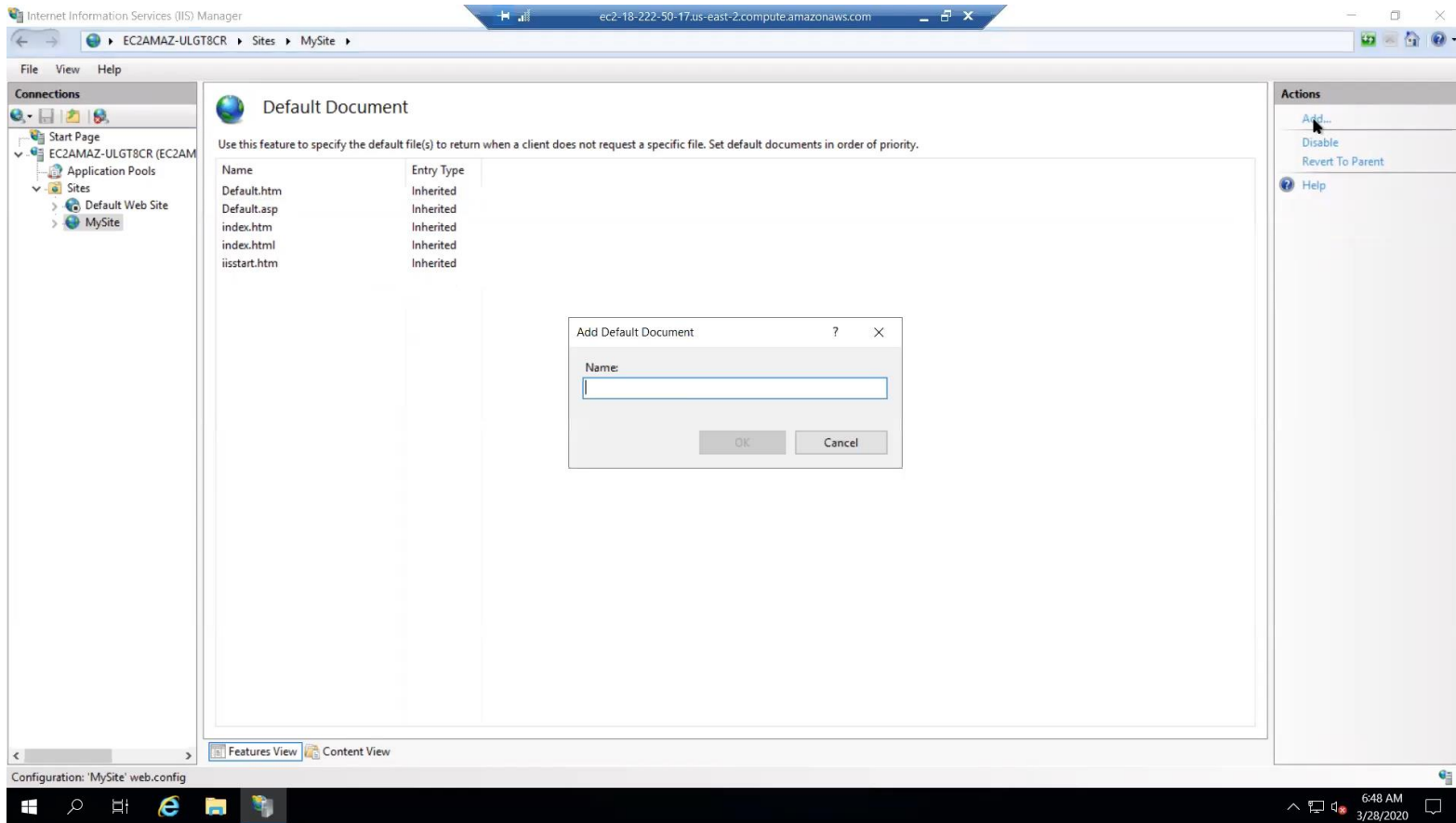
CLICK ON DEFAULT DOCUMENT



3/28/2020

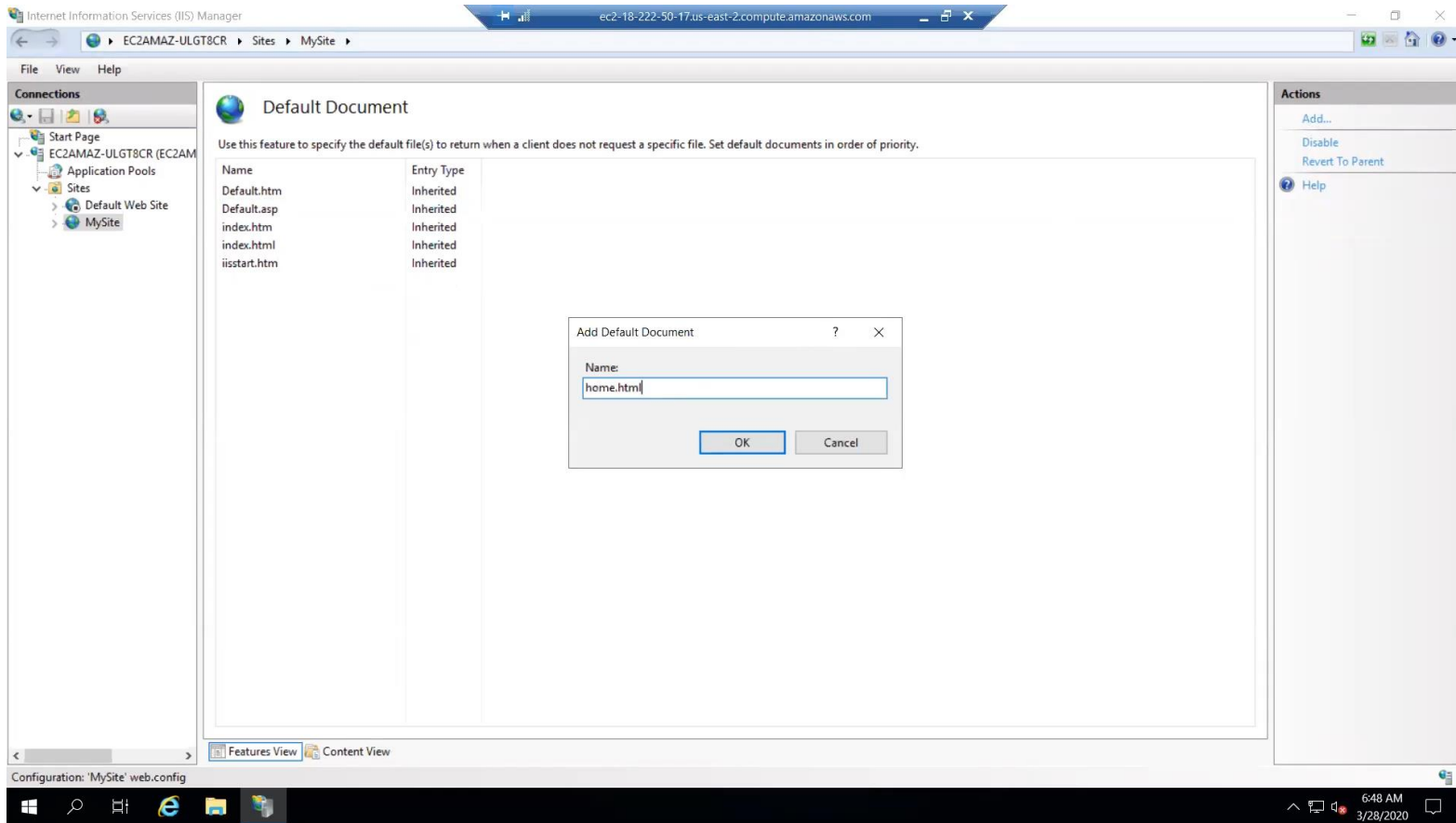
ADD A DEFAULT DOCUMENT

3/28/2020



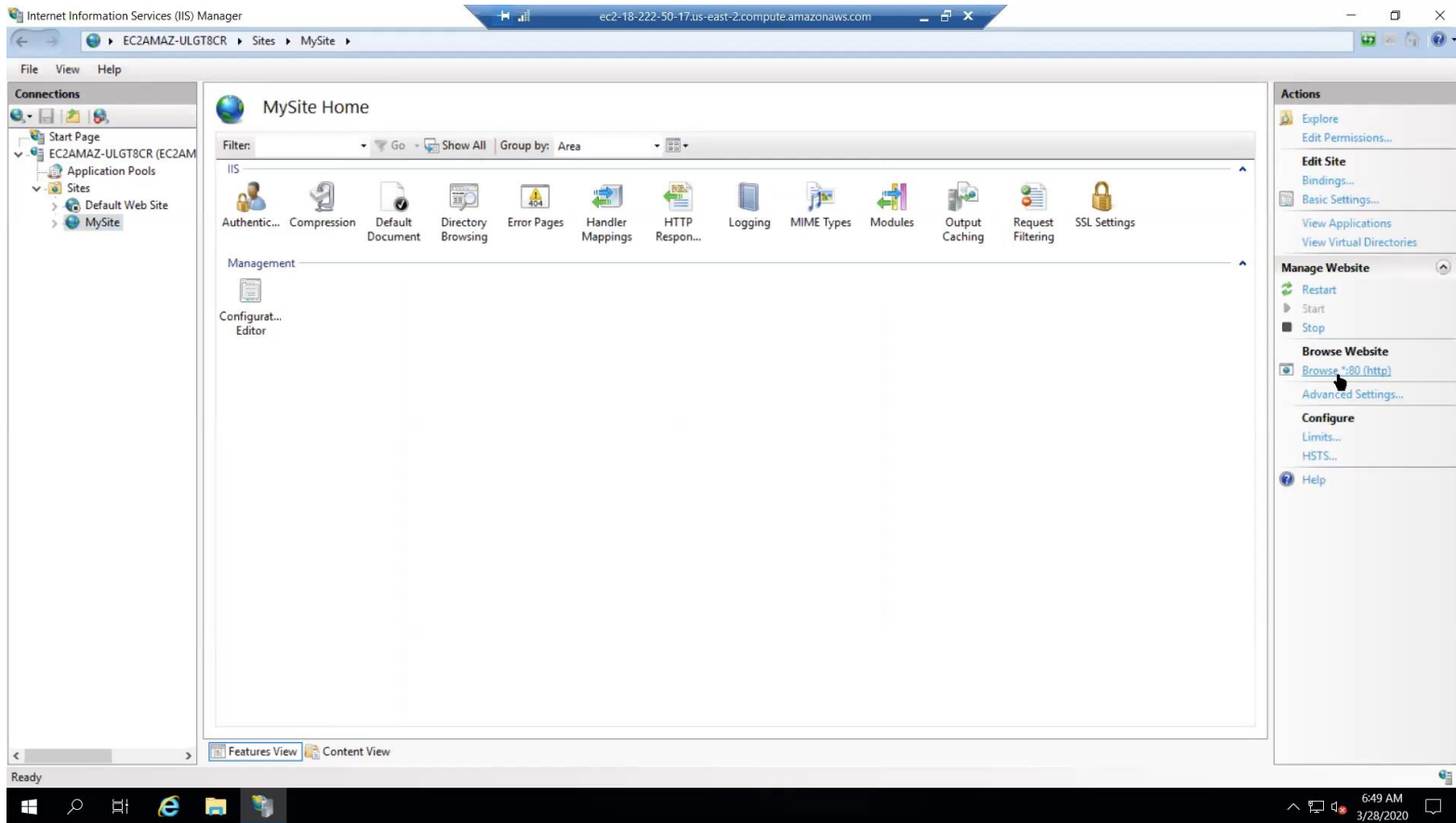
PROVIDE NAME OF DEFAULT DOCUMENT

3/28/2020



RUN WEBSITE ON LOCAL HOST BY CLICKING ON BROWSE

3/28/2020



CLICK ON SECURITY GROUPS OF INSTANCE

3/28/2020

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 tabular format 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

Instance state	Instance type	Private DNS	Private IPs	Secondary private IPs	VPC ID	Subnet ID	Network interfaces	IAM role	Key pair name	Instance state	Instance type	Private DNS	Private IPs	Secondary private IPs	VPC ID	Subnet ID	Network interfaces	IAM role	Key pair name	IPv4 Public IP	IPv6 IPs	Elastic IPs	Availability zone	Security groups	Scheduled events	AMI ID	Platform details	Usage operation	Source/dest. check	T2/T3 Unlimited	Disabled
running	t2.micro	ip-172-31-36-253.us-east-2.compute.internal	172.31.36.253		vpc-94a968ff	subnet-d91e9195	eth0	-	MvFirstKey	running	t2.micro	ip-172-31-36-253.us-east-2.compute.internal	172.31.36.253		vpc-94a968ff	subnet-d91e9195	eth0	-	MvFirstKey	18.222.50.17	-		us-east-2c	launch-wizard-1, view inbound rules, view outbound rules	No scheduled events	Windows_Server-2019-English-Full-Base-2020.01.15 (ami-0182e552fba672768)	Windows	RunInstances:0002	True	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

3/28/2020

The screenshot shows the AWS Management Console interface for the 'Security Groups' page. The left sidebar contains navigation links for 'EC2 Dashboard', 'Events', 'Tags', 'Reports', 'Limits', 'INSTANCES', 'IMAGES', and 'ELASTIC BLOCK STORE'. The main content area displays a table of security groups. The 'Actions' dropdown menu is open, showing options like 'View details', 'Edit inbound rules', 'Edit outbound rules', 'Manage tags', and 'Manage stale rules'. The 'Edit inbound rules' option is highlighted. Below the table, there are tabs for 'Details', 'Inbound rules', 'Outbound rules', and 'Tags'.

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

New EC2 Experience

EC2 Dashboard

Events

Tags

Reports

Limits

INSTANCES

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

IMAGES

AMIs

Bundle Tasks

ELASTIC BLOCK STORE

Security Groups (1/1)

Filter security groups

Security group ID: sg-0a945e63ba136d7a2

Clear filters

Actions

Create security group

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

sg-0a945e63ba136d7a2 - launch-wizard-1

Details Inbound rules Outbound rules Tags

Feedback English (US)

© 2008 - 2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. Privacy Policy Terms of Use

IN RULES ADD HTTP PROTOCOL BY CLICKING ON ADD RULE

3/28/2020

EC2 Management Console

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

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 0.0.0.0/0		Delete
HTTP	TCP	80	Custom ::/0		Delete
RDP	TCP	3389	Custom 0.0.0.0/0		Delete

Add rule

Feedback English (US)

© 2008 - 2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. Privacy Policy Terms of Use

FINALLY ACCESS WEBSITE USING IP ADDRESS

3/28/2020

The screenshot displays the AWS Management Console interface. The top navigation bar includes the AWS logo, 'Services', 'Resource Groups', and a user profile 'KVD' in 'Ohio'. The left sidebar shows navigation options like 'New EC2 Experience', 'EC2 Dashboard', 'Events', 'Tags', 'Reports', 'Limits', 'INSTANCES', 'IMAGES', and 'ELASTIC BLOCK STORE'. The main content area shows a list of EC2 instances. One instance is selected, and its details are shown in a tabbed view. The 'Description' tab is active, displaying various instance attributes.

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			
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