

SOLUTIONS ARCHITECTING ON CLOUD

(20CS3235AA)

Labs-3

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Hosting multiple applications inside a Site in IIS server

The screenshot displays the AWS Management Console interface for launching a new EC2 instance. The main content area shows the 'Quick Start' section with a search bar and a grid of operating system images: Amazon Linux, macOS, Ubuntu, Windows (selected), and Red Hat. Below this, the 'Amazon Machine Image (AMI)' section displays the 'Microsoft Windows Server 2022 Base' AMI (ami-03cf1a25c0360a382) with a 'Free tier eligible' badge. The 'Description' section provides details about the AMI, including its architecture (64-bit x86) and AMI ID. On the right side, the 'Summary' panel shows the configuration for the instance: 'Number of instances' set to 1, 'Software Image (AMI)' as 'Microsoft Windows Server 2022 ...', 'Virtual server type (instance type)' as 't2.micro', and 'Storage (volumes)' as '1 volume(s) - 30 GiB'. At the bottom of the Summary panel, there are 'Cancel' and 'Launch instance' buttons. A user menu is visible on the far right, showing the account ID (6128-1714-5212) and options like 'Sign out'.

Launch an instance | EC2 M x +

https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:

Search with Google Search

Sci-Hub: to remove... Cp Tracker Competitive Progra... Codeforces Stage3 DODI Repacks FlowCV - Free Onlin... LeetCode - The Wo... InterviewBit: Codin... Log In to Canvas Free Music Online...

Services Search [Alt+S]

Instance type

t2.micro Free tier eligible Compare instance types

Family: t2 1 vCPU 1 GiB Memory
On-Demand Linux pricing: 0.0116 USD per Hour
On-Demand Windows pricing: 0.0162 USD per Hour

▼ Key pair (login) Info

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - required

KEY-01 Create new key pair

▼ Network settings Info Edit

Network Info
vpc-06028eb8c142163fa

Subnet Info
No preference (Default subnet in any availability zone)

Auto-assign public IP Info
Enable

Firewall (security groups) Info
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

Create security group Select existing security group

▼ Summary

Number of instances Info
1

Software Image (AMI)
Canonical, Ubuntu, 22.04 LTS, ...read more
ami-00874d747d4e814fa

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

Storage (volumes)
1 volume(s) - 8 GiB

Cancel Launch instance

Account ID: 6128-1714-5212

Account

Organization

Service Quotas

Billing Dashboard

Security credentials

Settings

Sign out

Feedback Looking for language selection? Find it in the new Unified Settings

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Subnet Info

No preference (Default subnet in any availability zone)

Auto-assign public IP Info
Enable

Firewall (security groups) Info
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

Create security group Select existing security group

We'll create a new security group called 'launch-wizard-1' with the following rules:

☒ Allow SSH traffic from
Helps you connect to your instance

Anywhere
0.0.0.0/0

☐ Allow HTTPS traffic from the internet
To set up an endpoint, for example when creating a web server

☒ Allow HTTP traffic from the internet
To set up an endpoint, for example when creating a web server

Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

▼ Configure storage Info Advanced

1x 8 GiB gp2 Root volume (Not encrypted)

Add new volume

The selected AMI contains more instance store volumes than the instance allows. Only the first 0 instance store

▼ Summary

Number of instances Info
1

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Launch an instance | EC2 M

https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances: Search with Google Search

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Services Search [Alt+S]

Account ID: 6128-1714-5212

Account
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Sign out

EC2 > Instances > Launch an instance

Success

Successfully initiated launch of instance (i-01d51954ad40ce200)

Launch log

Next Steps - preview

What would you like to do next with this instance, for example "create alarm" or "create backup" New

Create billing and free tier usage alerts

To manage costs and avoid surprise bills, set up email notifications for billing and free tier usage thresholds.

Create billing alerts

Connect to your instance

Once your instance is running, log into it from your local computer.

Connect to instance

Learn more

Connect an RDS database

Configure the connection between an EC2 instance and a database to allow traffic flow between them.

Connect an RDS database

Create a new RDS database Learn more

Create EBS snapshot policy

Create a policy that automates the creation, retention, and deletion of EBS snapshots

Create EBS snapshot policy

Manage detailed monitoring

Enable or disable detailed monitoring for the instance. If you enable detailed monitoring, the

Create Load Balancer

Create an application, network gateway or classic Elastic Load Balancer

Manage instance tags

Add, edit, or remove instance tags to help organize and identify your instances.

Connect to the instance

Connect to the instance using SSH, Instance Connect, Session Manager, or the EC2 serial

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Services Search [Alt+S]

N. Virginia VAMSI PALAPATI

Connect to instance Info

Connect to your instance i-03c95fd56abe4d469 (Lab-02) using any of these options

Session Manager

RDP client

EC2 serial console

Instance ID

i-03c95fd56abe4d469 (Lab-02)

Connection Type

Connect using RDP client

Download a file to use with your RDP client and retrieve your password.

Connect using Fleet Manager

To connect to the instance using Fleet Manager Remote Desktop, the SSM Agent must be installed and running on the instance. For more information, see Working with SSM Agent

You can connect to your Windows instance using a remote desktop client of your choice, and by downloading and running the RDP shortcut file below:

Download remote desktop file

When prompted, connect to your instance using the following details:

Public DNS

ec2-34-227-16-179.compute-1.amazonaws.com

User name

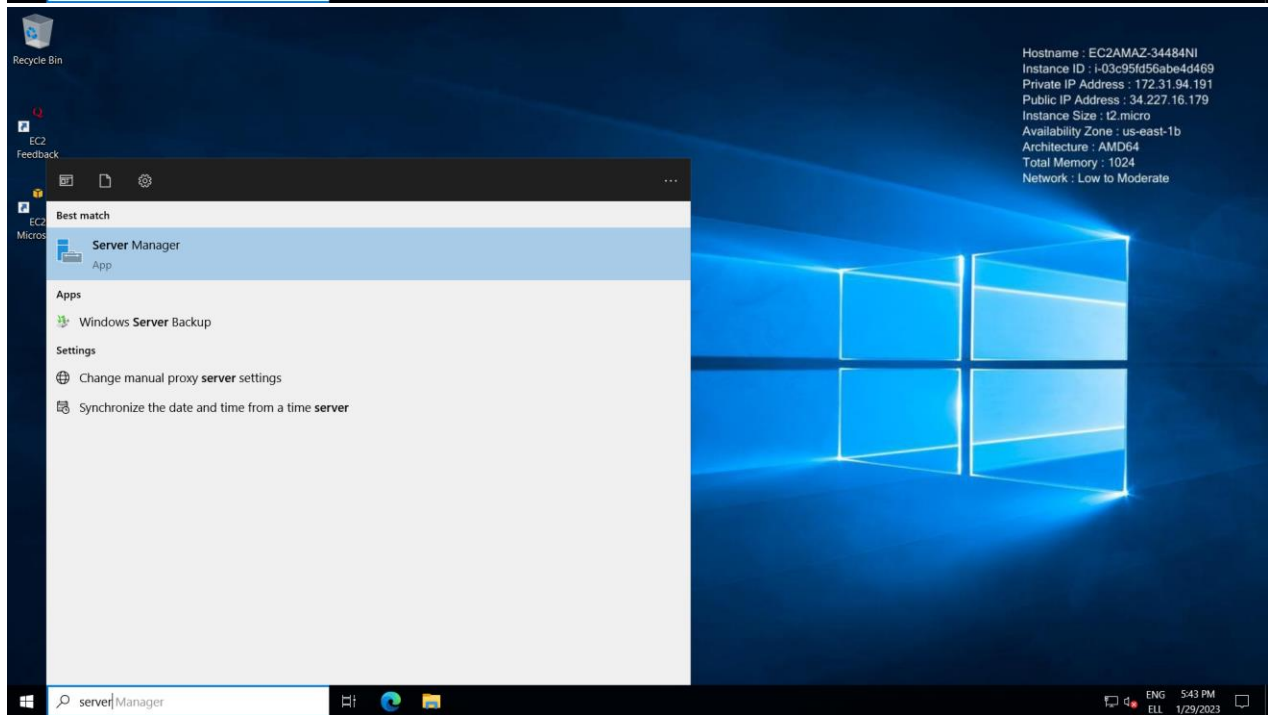
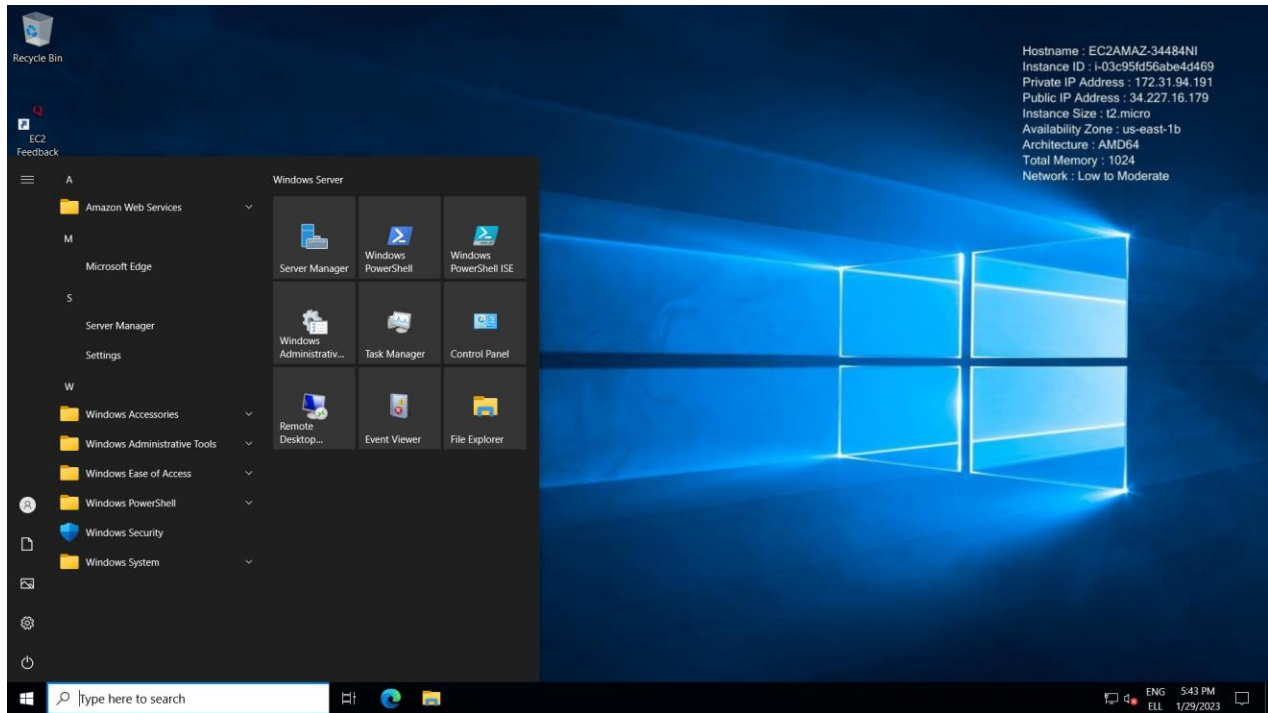
Administrator

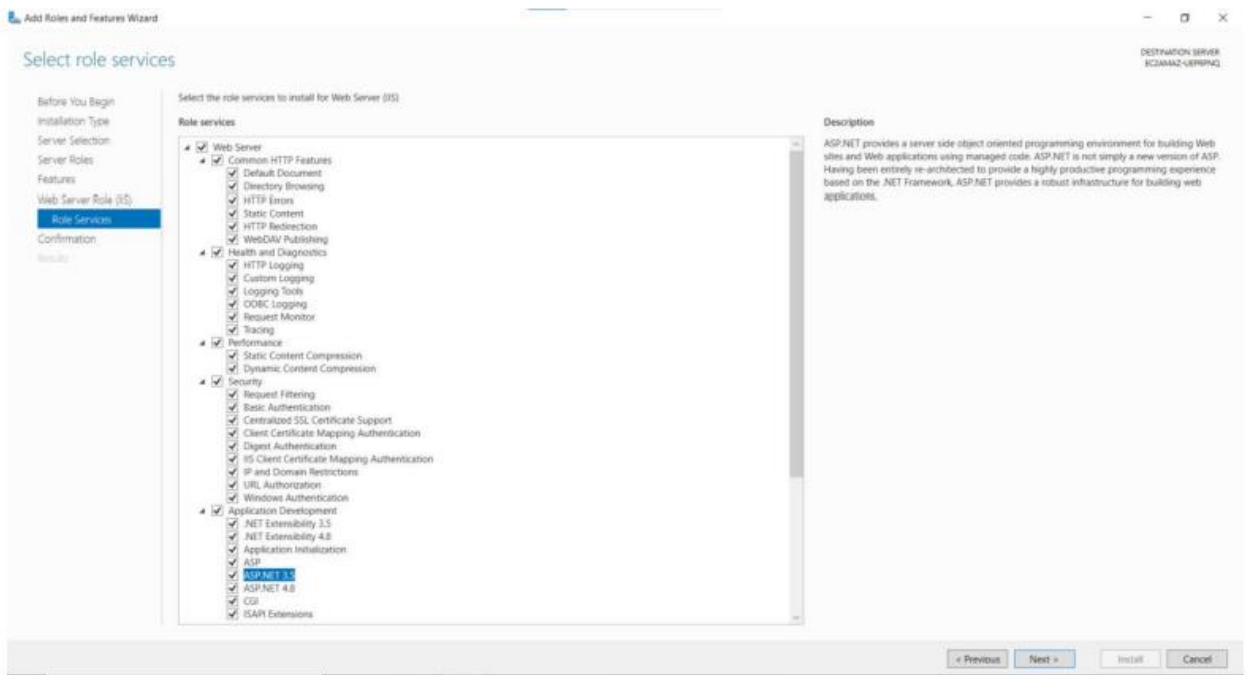
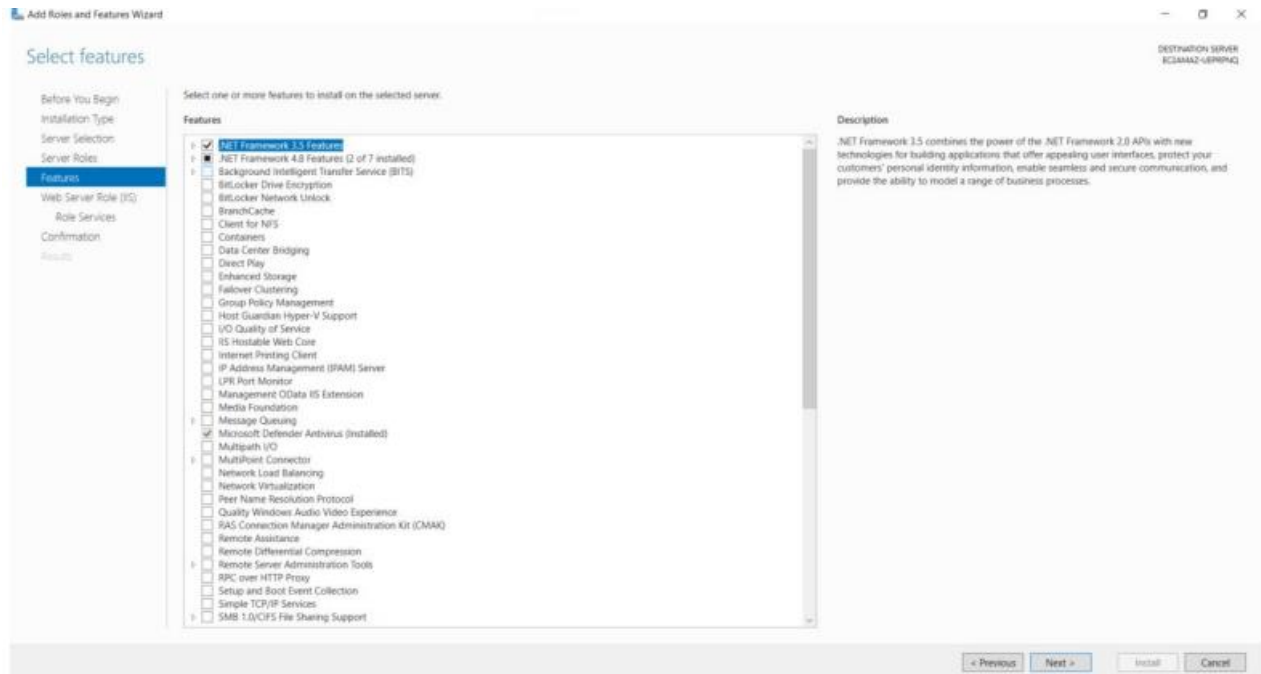
Password

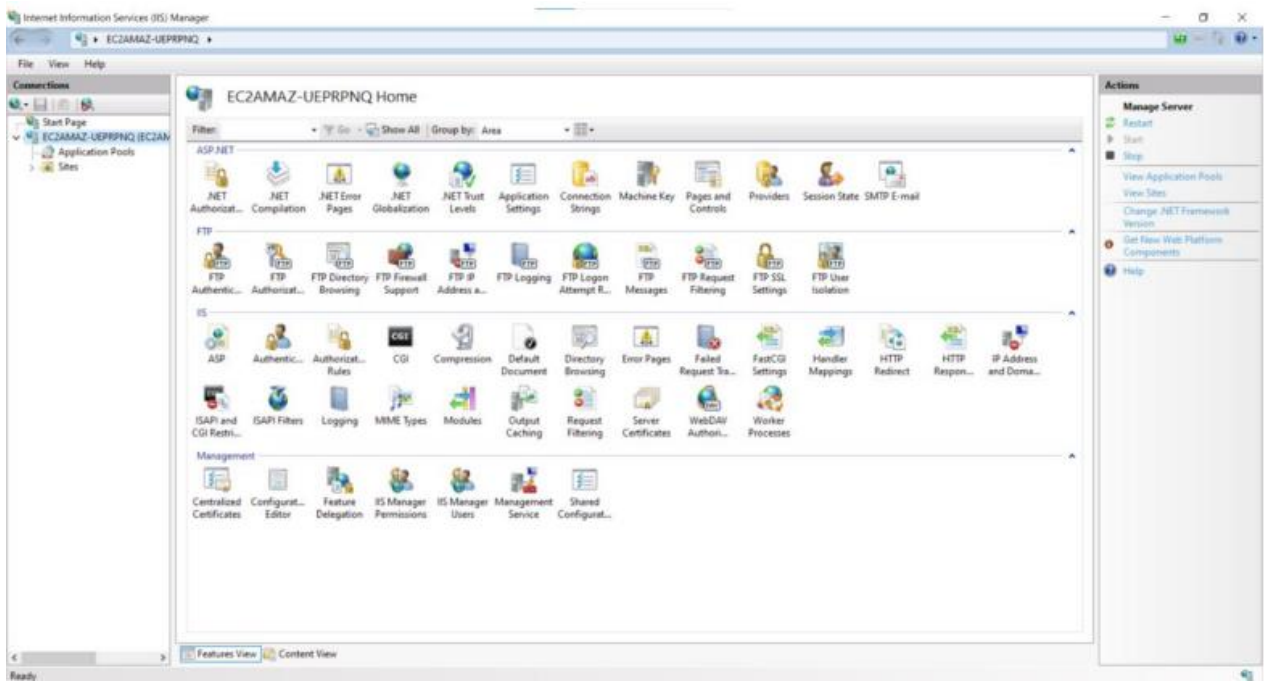
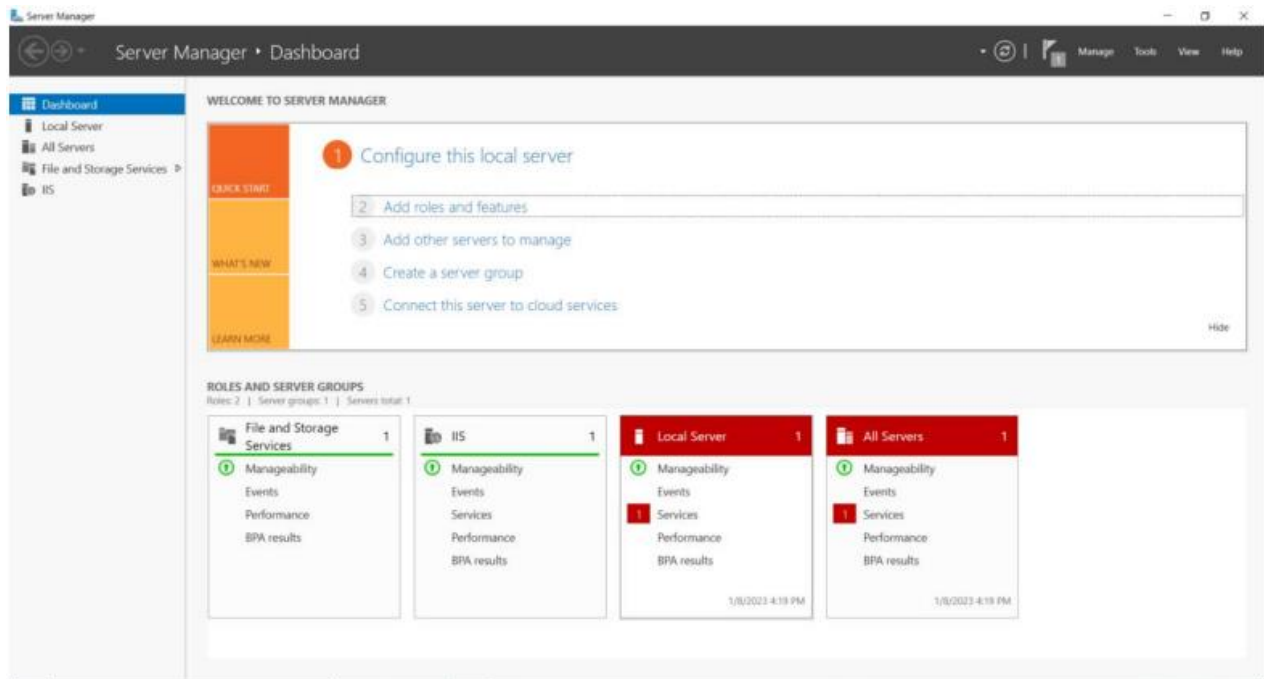
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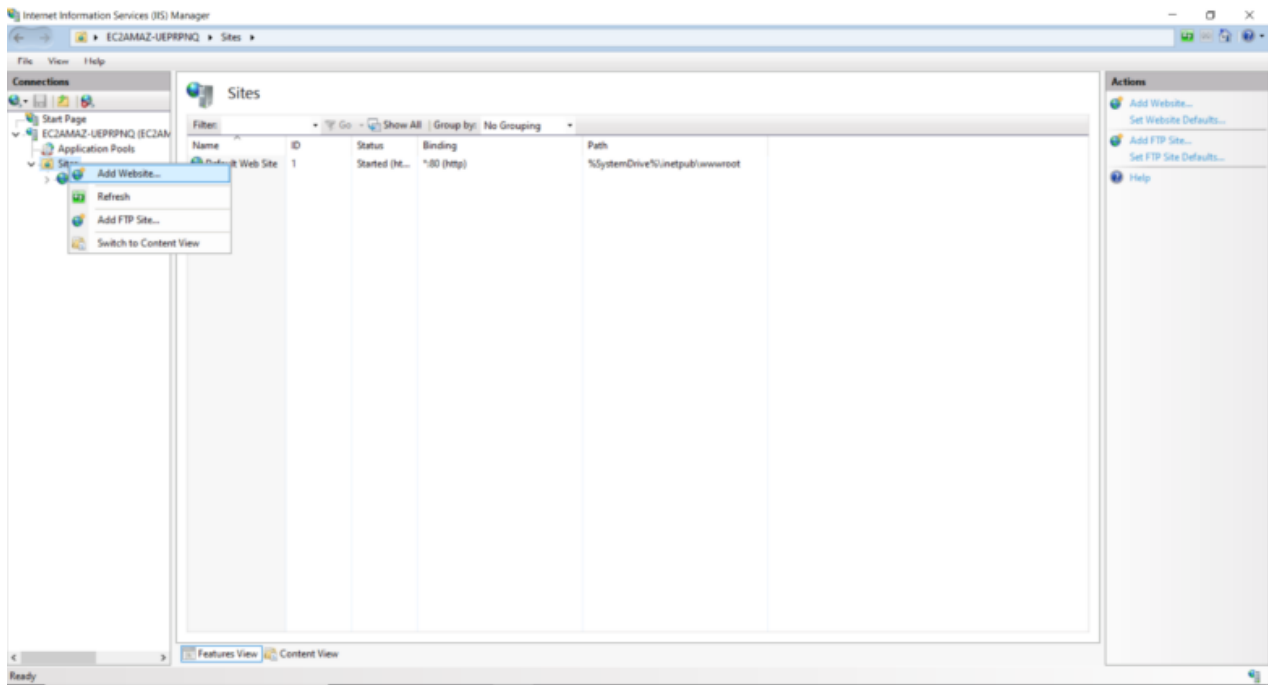
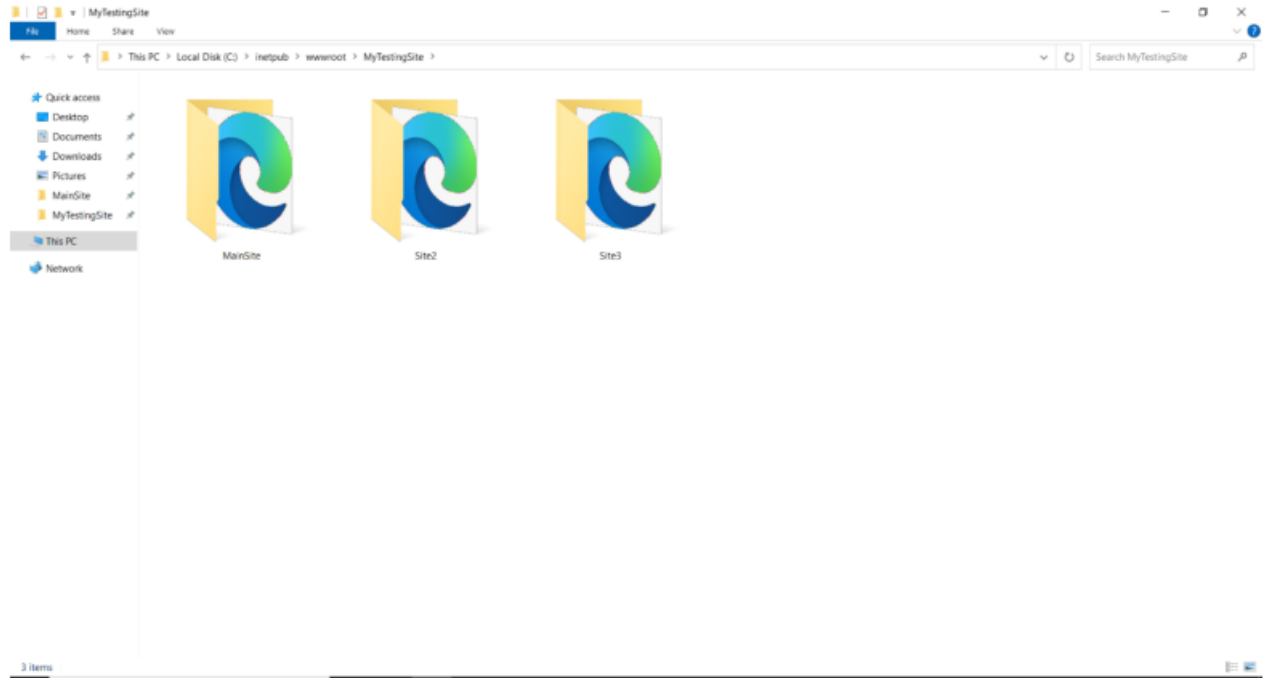
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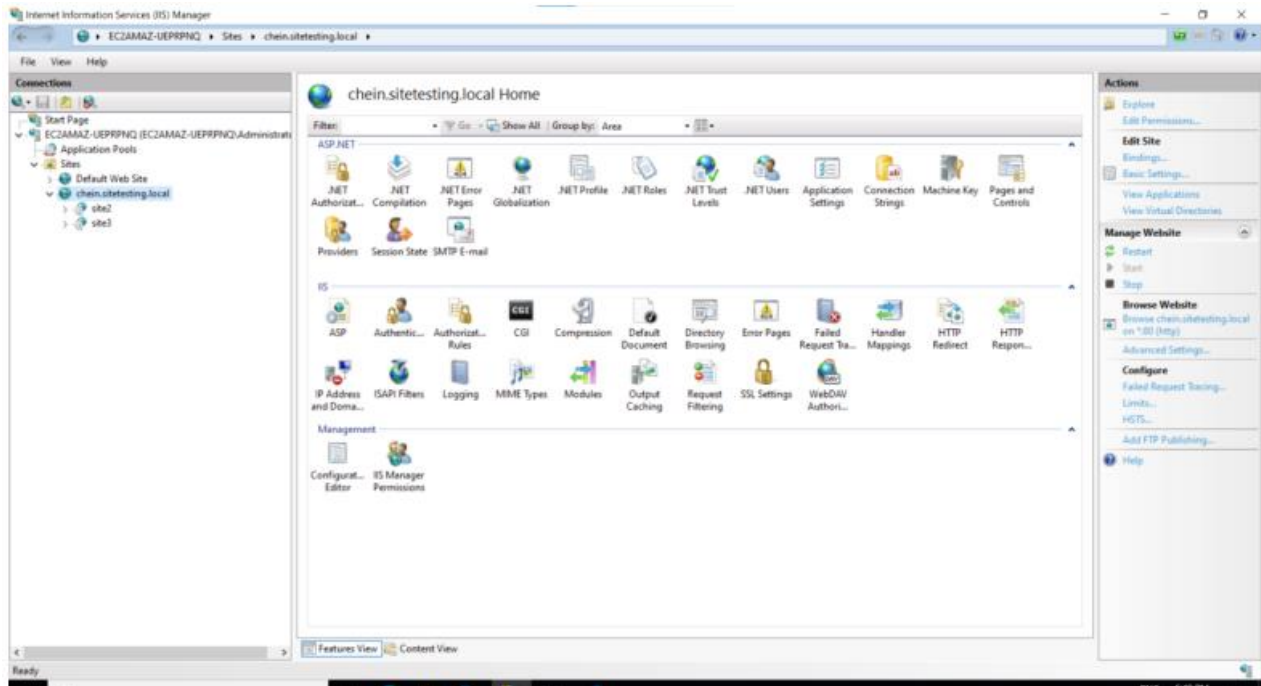
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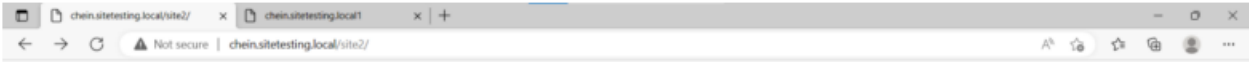












Hello from site2



Hello from site3
