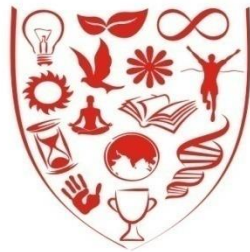


CLOUD COMPUTING



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CONTENTS

- What is use of S3?
- How to create a S3 bucket?
- How to upload object?
- How access S3 object into website?

STEPS

- Launch a Virtual Machine
- Host a website and make it public
- Create a S3 bucket
- Upload object into this S3 bucket and make it public
- Copy the URL of object
- Paste this URL into HTML page of website
- Access the website

GO TO SERVICES-S3

4/12/2020

The screenshot shows the AWS Management Console interface. The top navigation bar includes the AWS logo, 'Services', 'Resource Groups', and user information (KVD, Ohio, Support). The left sidebar shows a 'History' list with 'EC2' selected. The main content area displays a grid of service categories: Compute (EC2, Lightsail, Lambda, Batch, Elastic Beanstalk, Serverless Application Repository, AWS Outposts, EC2 Image Builder), Storage (S3, EFS, FSx, S3 Glacier, Storage Gateway, AWS Backup), Database (RDS), Blockchain (Amazon Managed Blockchain), Satellite (Ground Station), Quantum Technologies (Amazon Braket), Management & Governance (AWS Organizations, CloudWatch, AWS Auto Scaling, CloudFormation, CloudTrail, Config, OpsWorks, Service Catalog, Systems Manager), Analytics (Athena, EMR, CloudSearch, Elasticsearch Service, Kinesis, QuickSight, Data Pipeline, AWS Data Exchange, AWS Glue, AWS Lake Formation, MSK), Security, Identity, & Compliance (IAM, Resource Access Manager, Cognito, Secrets Manager, GuardDuty, Inspector), End User Computing (WorkSpaces, AppStream 2.0, WorkDocs, WorkLink), Internet Of Things (IoT Core, FreeRTOS, IoT 1-Click, IoT Analytics, IoT Device Defender, IoT Device Management, IoT Events, IoT Greengrass, IoT SiteWise, IoT Things Graph), and Game Development (Amazon GameLift). The 'S3' service is highlighted with a mouse cursor. The bottom status bar shows the URL 'https://s3.console.aws.amazon.com/s3/home?region=us-east-2' and copyright information.

CREATE BUCKET

4/12/2020

The screenshot shows the AWS S3 Management Console interface. At the top, there's a navigation bar with the AWS logo, 'Services', and 'Resource Groups'. A blue banner at the top right contains a message about updates to the S3 console design. On the left, a sidebar lists 'Amazon S3' with sub-links for 'Buckets', 'Batch operations', 'Access analyzer for S3', 'Block public access (account settings)', and 'Feature spotlight'. The main content area is titled 'Amazon S3' and shows a list of buckets. A 'Create bucket' button is visible. Below it, a search bar and a table with one bucket are shown.

Name	Region	Access	Bucket created
89krupali	US East (Ohio) us-east-2	Objects can be public	2020-04-02T17:25:45.000Z

ENTER BUCKET NAME

Bucket name should be unique among all accounts

The screenshot shows the AWS S3 Management Console interface for creating a new bucket. The browser address bar shows the URL: `s3.console.aws.amazon.com/s3/bucket/create?region=us-east-2`. The page title is "Create bucket". Under the "General configuration" section, the "Bucket name" field is populated with "myawsbucket". Below this field, a note states: "Bucket name must be unique and must not contain spaces or uppercase letters. See rules for bucket naming". The "Region" dropdown menu is set to "US East (Ohio) us-east-2". Under the "Bucket settings for Block Public Access" section, the "Block all public access" checkbox is checked. A note below this checkbox states: "Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another." The footer of the console shows "Feedback", "English (US)", and copyright information for 2008-2020.

S3 Management Console

s3.console.aws.amazon.com/s3/bucket/create?region=us-east-2

Apps Bookmarks Plex

aws Services Resource Groups

We're gradually updating the design of the Amazon S3 console. You will notice some updated screens as we improve the performance and user interface. To help us improve the experience, [give feedback](#) on the recent updates.

Amazon S3 > Create bucket

Create bucket

General configuration

Bucket name

myawsbucket

Bucket name must be unique and must not contain spaces or uppercase letters. [See rules for bucket naming](#)

Region

US East (Ohio) us-east-2

Bucket settings for Block Public Access

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to this bucket and its objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to this bucket or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

☒ **Block all public access**

Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another.

Feedback English (US)

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4/12/2020

CLICK ON CREATE BUCKET

4/12/2020

The screenshot shows the AWS Management Console interface for creating a new S3 bucket. The browser address bar indicates the URL: `s3.console.aws.amazon.com/s3/bucket/create?region=us-east-2`. The console header includes the AWS logo, navigation tabs for 'Services' and 'Resource Groups', and user information 'KVD' with 'Global' and 'Support' links.

The main content area is titled 'Bucket settings for Block Public Access'. It contains a paragraph explaining that public access is granted by default and that these settings will block it. Below this, there are four settings, all of which are checked:

- ☒ **Block all public access**
Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another.
- ☒ **Block public access to buckets and objects granted through new access control lists (ACLs)**
S3 will block public access permissions applied to newly added buckets or objects, and prevent the creation of new public access ACLs for existing buckets and objects. This setting doesn't change any existing permissions that allow public access to S3 resources using ACLs.
- ☒ **Block public access to buckets and objects granted through any access control lists (ACLs)**
S3 will ignore all ACLs that grant public access to buckets and objects.
- ☒ **Block public access to buckets and objects granted through new public bucket or access point policies**
S3 will block new bucket and access point policies that grant public access to buckets and objects. This setting doesn't change any existing policies that allow public access to S3 resources.
- ☒ **Block public and cross-account access to buckets and objects through any public bucket or access point policies**
S3 will ignore public and cross-account access for buckets or access points with policies that grant public access to buckets and objects.

Below the settings is a section for 'Advanced settings'. At the bottom of the console, there are two buttons: 'Cancel' and 'Create bucket'.

At the very bottom of the page, there is a footer with 'Feedback', 'English (US)', and copyright information: '© 2008 - 2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. Privacy Policy Terms of Use'.

GO INSIDE THE BUCKET

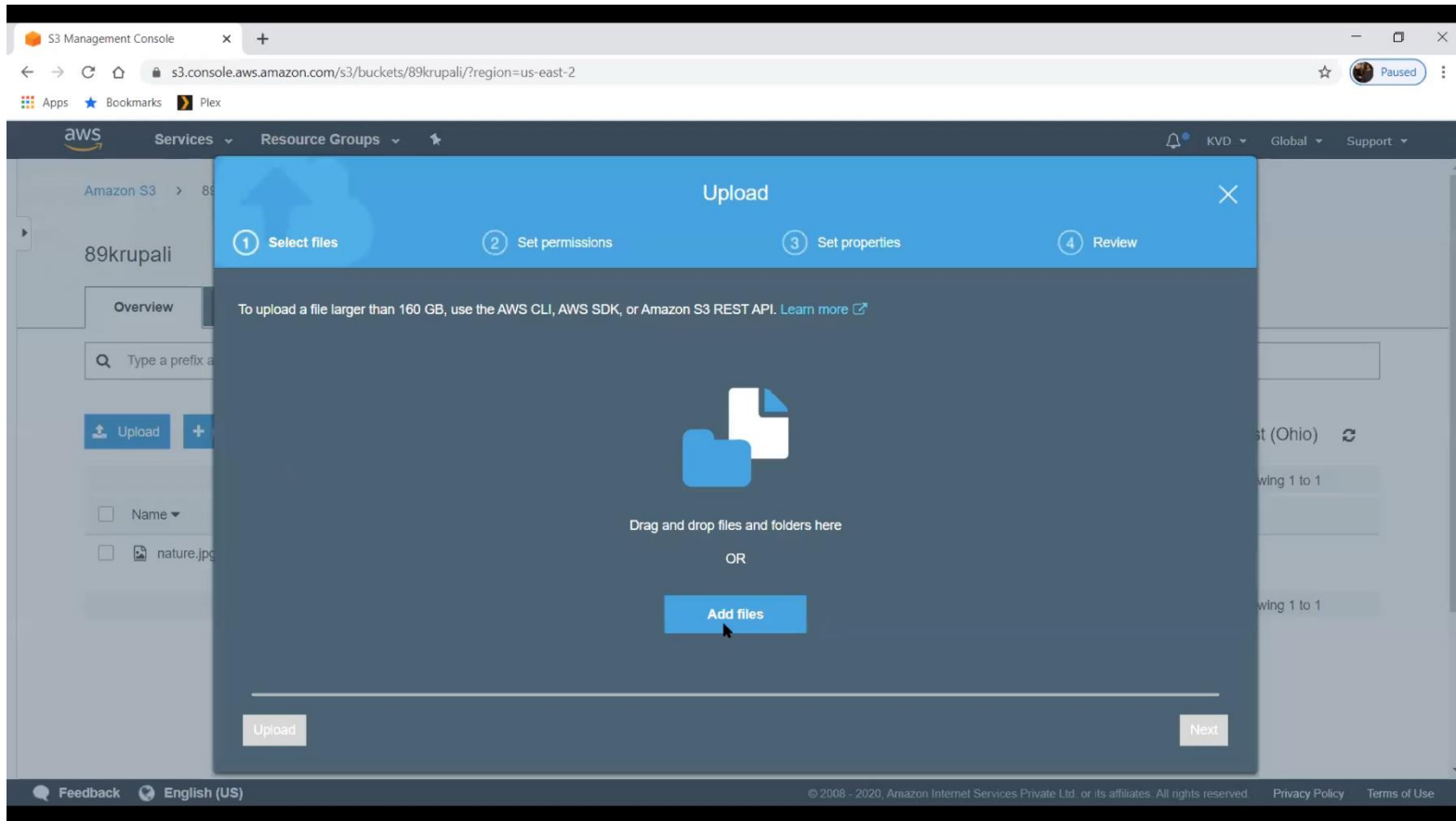
4/12/2020

The screenshot shows the Amazon S3 Management Console in a web browser. The browser's address bar displays the URL `s3.console.aws.amazon.com/s3/home?region=us-east-2`. The console interface includes a top navigation bar with the AWS logo, 'Services', 'Resource Groups', and a notification banner. A left-hand sidebar lists navigation options: 'Buckets', 'Batch operations', 'Access analyzer for S3', 'Block public access (account settings)', and 'Feature spotlight'. The main content area, titled 'Amazon S3', displays a table of buckets. A search bar at the top of the table allows finding buckets by name. The table lists one bucket named '89krupali' in the 'US East (Ohio) us-east-2' region, with the access setting 'Objects can be public' and a creation timestamp of '2020-04-02T17:25:45.000Z'. Action buttons for 'Copy ARN', 'Empty', 'Delete', and 'Create bucket' are located above the table. The footer of the console shows a feedback link, the language set to 'English (US)', and copyright information for 2008-2020.

Name	Region	Access	Bucket created
89krupali	US East (Ohio) us-east-2	Objects can be public	2020-04-02T17:25:45.000Z

CLICK ON UPLOAD AND ADD FILES HERE

4/12/2020



MAKE THE OBJECT PUBLIC

4/12/2020

The screenshot shows the AWS S3 Management Console interface. The browser address bar displays the URL: `s3.console.aws.amazon.com/s3/object/89krupali/nature-fall.jpg?region=us-east-2`. The console header includes the AWS logo, 'Services', 'Resource Groups', and user information 'KVD', 'Global', and 'Support'. The main content area has tabs for 'Overview', 'Properties', 'Permissions', and 'Select from'. Below these tabs are buttons for 'Open', 'Download', 'Download as', 'Make public' (highlighted with a mouse cursor), and 'Copy path'. The object details section lists the following information:

- Owner:** c5da5cafde6cc7c3fbb84dd1f7e985ea0f1349843ffd3b6df0e09cdd2f5ccdb9
- Last modified:** Apr 3, 2020 12:17:34 PM GMT+0530
- Etag:** 8d871dcf7f962405e682a7fa99c6d567
- Storage class:** Standard
- Server-side encryption:** None
- Size:** 288.8 KB
- Key:** nature-fall.jpg
- Object URL:** <https://89krupali.s3.us-east-2.amazonaws.com/nature-fall.jpg>

The bottom status bar shows 'Operations' with '0 In progress', '1 Success', and '0 Error'. The footer includes 'Feedback', 'English (US)', and copyright information: '© 2008 - 2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. Privacy Policy Terms of Use'.

COPY OBJECT URL

The screenshot shows the AWS S3 Management Console interface. The browser address bar displays the URL: `s3.console.aws.amazon.com/s3/object/89krupali/nature-fall.jpg?region=us-east-2`. The console header includes the AWS logo, 'Services', 'Resource Groups', and user information 'KVD', 'Global', and 'Support'. The main content area has tabs for 'Overview', 'Properties', 'Permissions', and 'Select from'. The 'Properties' tab is active, showing details for the object 'nature-fall.jpg'. A 'Copy path' button is visible. The 'Object URL' is listed as `https://89krupali.s3-us-east-2.amazonaws.com/nature-fall.jpg`. A context menu is open over the URL, with 'Copy link address' selected. The footer shows 'Operations' with '0 In progress', '1 Success', and '0 Error'.

Owner
c5da5cafde6cc7c3fbb84dd17e985ea0f1349843ffd3b6df0e09cdd2f5ccdb9

Last modified
Apr 3, 2020 12:17:34 PM GMT+0530

Etag
8d871dcf7f962405e682a7fa99c6d567

Storage class
Standard

Server-side encryption
None

Size
288.8 KB

Key
nature-fall.jpg

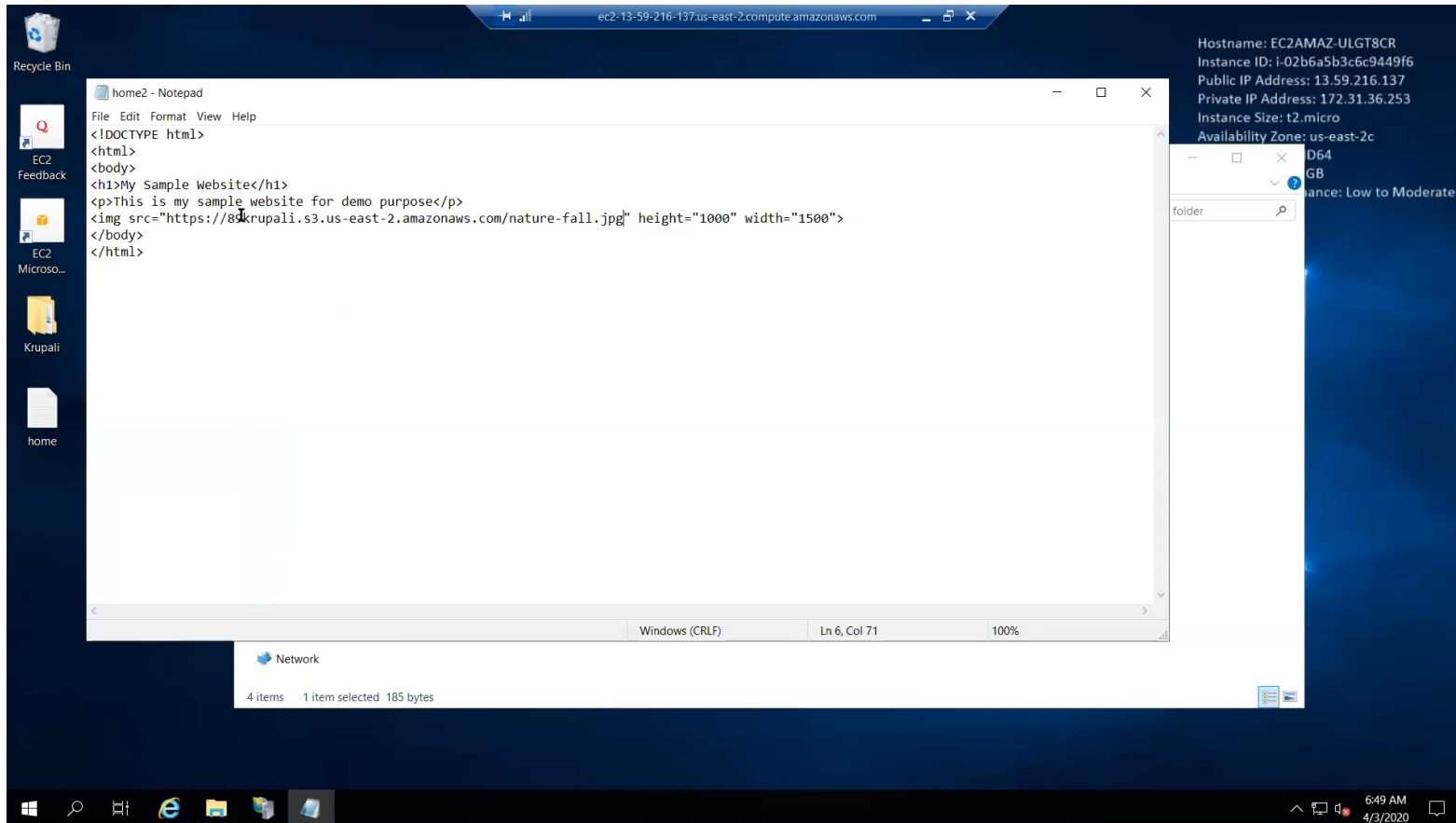
Object URL
<https://89krupali.s3-us-east-2.amazonaws.com/nature-fall.jpg>

Operations 0 In progress 1 Success 0 Error

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4/12/2020

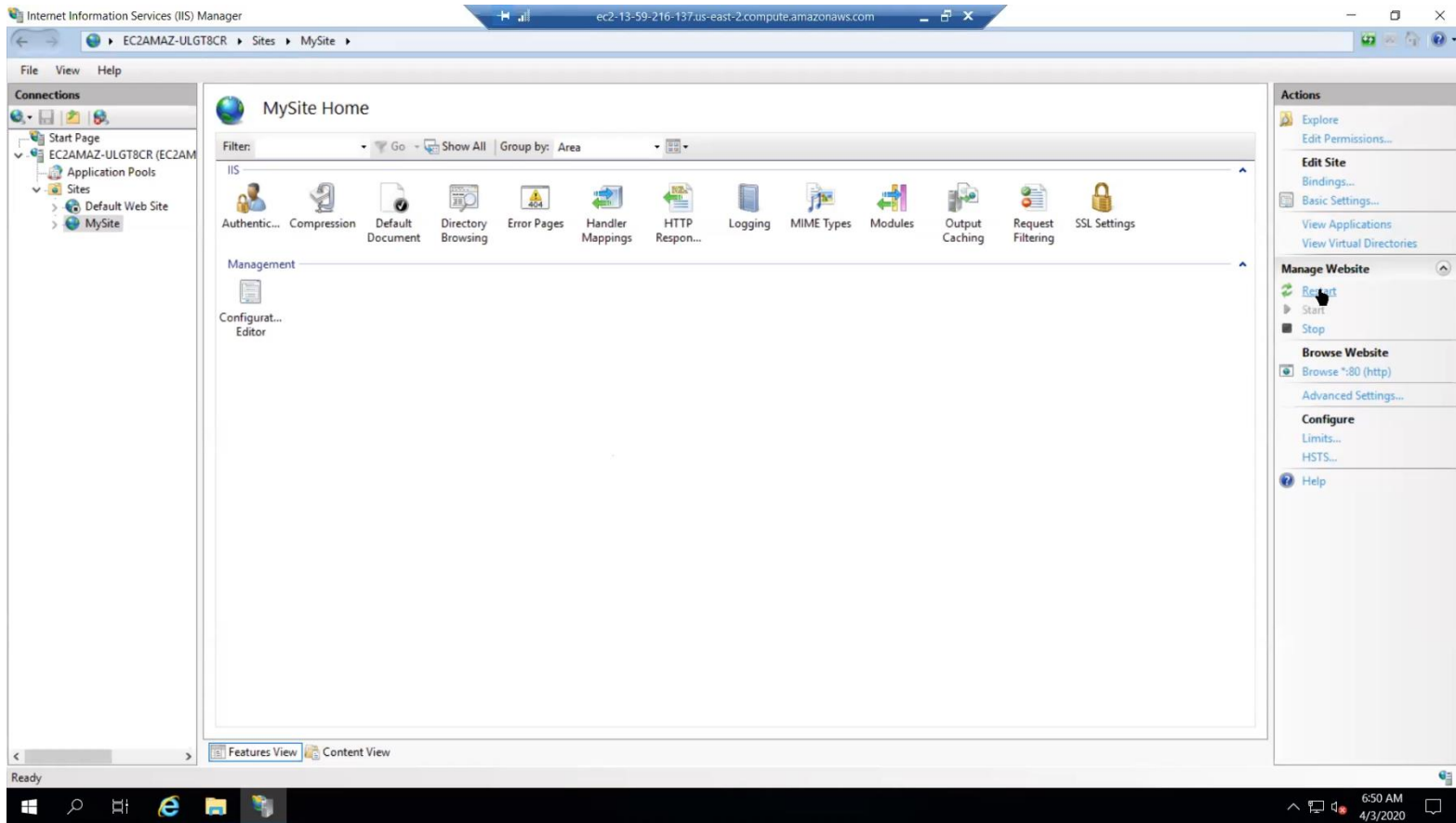
PASTE URL IN THE HTML PAGE



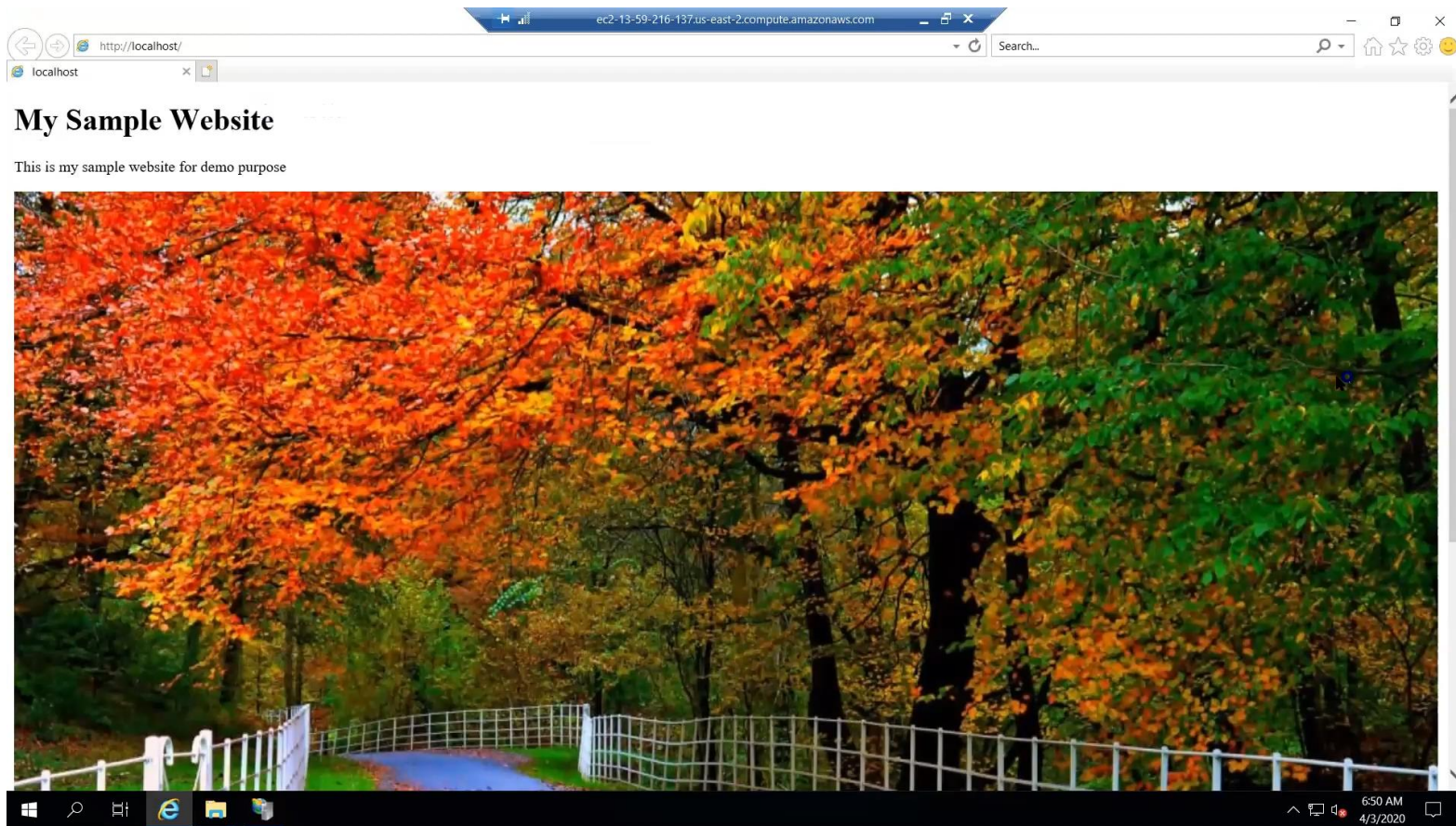
4/12/2020

RESTART WEBSITE FROM IIS MANAGER

4/12/2020



ACCESS WEBSITE BY BROWSING



4/12/2020