

Major Project Azure -

Create a Static website using Azure Storage Service with help of required Parameters

Static website must contain HTML Content it includes -

Table data consisting of 100 Employees Data Like -

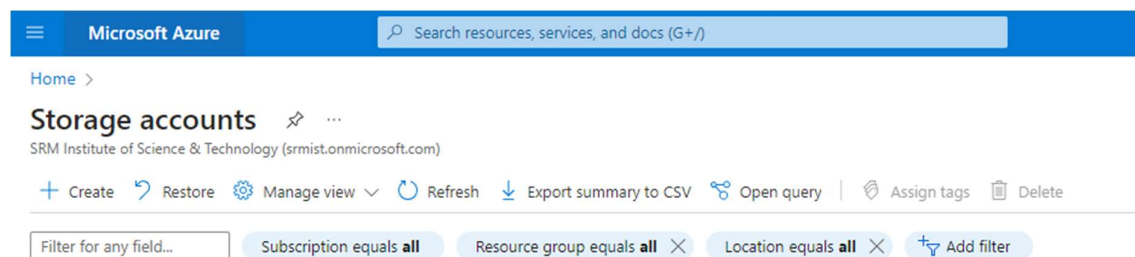
Name of the Employee, City, Phone Number

Table borders should be thick

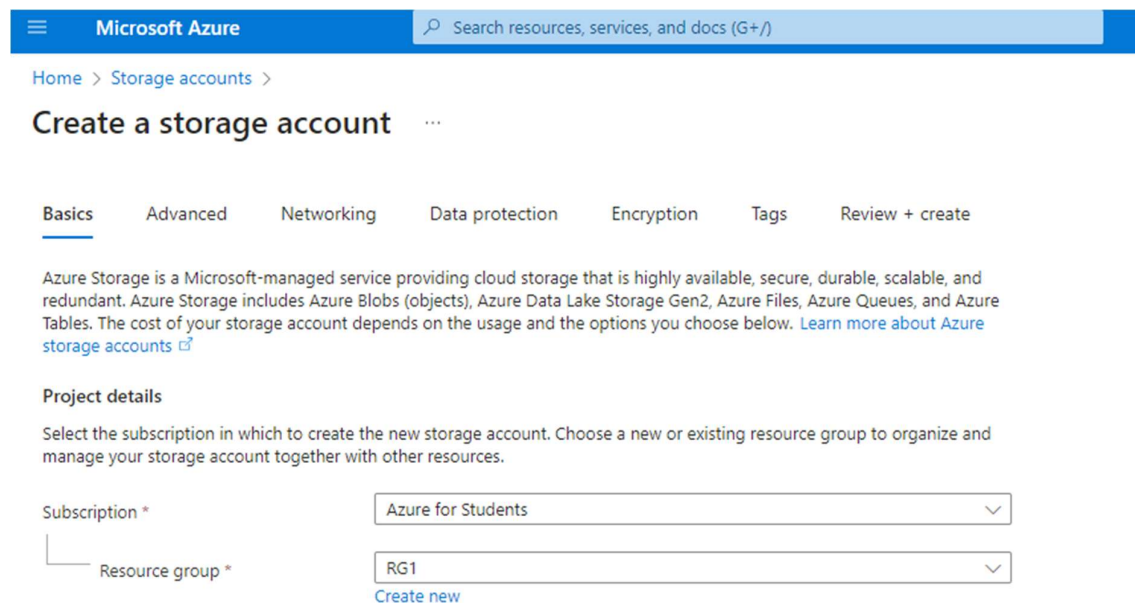
Note: Static website service should be enabled

Steps –

1)Go to storage account and click on create to create a new storage account



2) Under create use an existing resource group or create new rg ,here we are using our existing rg which is rg1



3) Name the storage account name globally unique (here we have named it static101)

The screenshot shows the 'Create a storage account' page in the Microsoft Azure portal. The page has a blue header with the Microsoft Azure logo and a search bar. Below the header, there is a breadcrumb trail: 'Home > Storage accounts >'. The main heading is 'Create a storage account'. Below this, there are tabs for 'Basics', 'Advanced', 'Networking', 'Data protection', 'Encryption', 'Tags', and 'Review + create'. The 'Basics' tab is selected. The page contains a paragraph about Azure Storage, followed by a 'Project details' section. In this section, there is a text box for 'Subscription *' with 'Azure for Students' selected, and a dropdown for 'Resource group *' with 'RG1' selected. Below these is a 'Create new' link. The 'Instance details' section has a text box for 'Storage account name *' with 'static101' entered. At the bottom, there are three buttons: 'Previous', 'Next', and 'Review + create'.

Microsoft Azure Search resources, services, and docs (G+/)

Home > Storage accounts >

Create a storage account

Basics Advanced Networking Data protection Encryption Tags Review + create

Azure Storage is a Microsoft-managed service providing cloud storage that is highly available, secure, durable, scalable, and redundant. Azure Storage includes Azure Blobs (objects), Azure Data Lake Storage Gen2, Azure Files, Azure Queues, and Azure Tables. The cost of your storage account depends on the usage and the options you choose below. [Learn more about Azure storage accounts](#)

Project details

Select the subscription in which to create the new storage account. Choose a new or existing resource group to organize and manage your storage account together with other resources.

Subscription * Azure for Students

Resource group * RG1 [Create new](#)

Instance details

Storage account name * ① static101

Previous Next Review + create

4) set the performance to standard and let the remaining setting as it is and click on review+create and create account

The screenshot shows the 'Create a storage account' page in the Microsoft Azure portal, specifically the 'Instance details' section. The page has a blue header with the Microsoft Azure logo and a search bar. Below the header, there is a breadcrumb trail: 'Home > Storage accounts >'. The main heading is 'Create a storage account'. Below this, there are tabs for 'Basics', 'Advanced', 'Networking', 'Data protection', 'Encryption', 'Tags', and 'Review + create'. The 'Basics' tab is selected. The page contains a paragraph about Azure Storage, followed by a 'Project details' section. In this section, there is a text box for 'Subscription *' with 'Azure for Students' selected, and a dropdown for 'Resource group *' with 'RG1' selected. Below these is a 'Create new' link. The 'Instance details' section has a text box for 'Storage account name *' with 'static101' entered, a dropdown for 'Region *' with '(US) East US' selected, and a 'Deploy to an Azure Extended Zone' link. Below these are two radio buttons for 'Performance *': 'Standard: Recommended for most scenarios (general-purpose v2 account)' is selected, and 'Premium: Recommended for scenarios that require low latency.' is unselected. Below the performance options is a dropdown for 'Redundancy *' with 'Geo-redundant storage (GRS)' selected. At the bottom, there is a checkbox for 'Make read access to data available in the event of regional unavailability.' which is checked. At the bottom of the page, there are three buttons: 'Previous', 'Next', and 'Review + create'.

Microsoft Azure Search resources, services, and docs (G+/)

Home > Storage accounts >

Create a storage account

Basics Advanced Networking Data protection Encryption Tags Review + create

Azure Storage is a Microsoft-managed service providing cloud storage that is highly available, secure, durable, scalable, and redundant. Azure Storage includes Azure Blobs (objects), Azure Data Lake Storage Gen2, Azure Files, Azure Queues, and Azure Tables. The cost of your storage account depends on the usage and the options you choose below. [Learn more about Azure storage accounts](#)

Project details

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Subscription * Azure for Students

Resource group * RG1 [Create new](#)

Instance details

Storage account name * ① static101

Region * ① (US) East US [Deploy to an Azure Extended Zone](#)

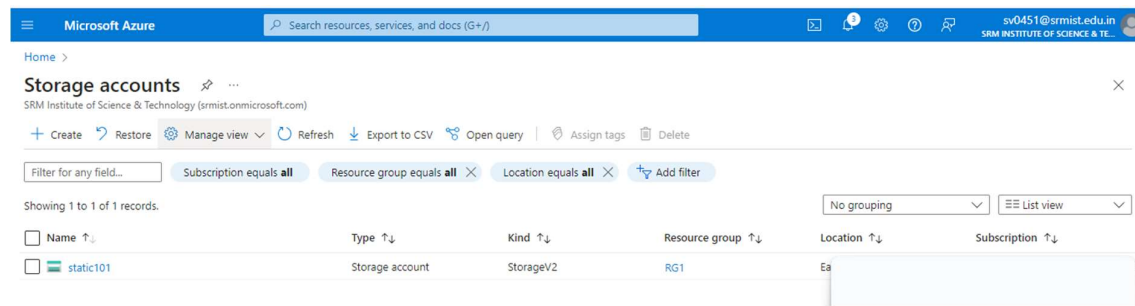
Performance * ① ☒ Standard: Recommended for most scenarios (general-purpose v2 account) ☐ Premium: Recommended for scenarios that require low latency.

Redundancy * ① Geo-redundant storage (GRS)

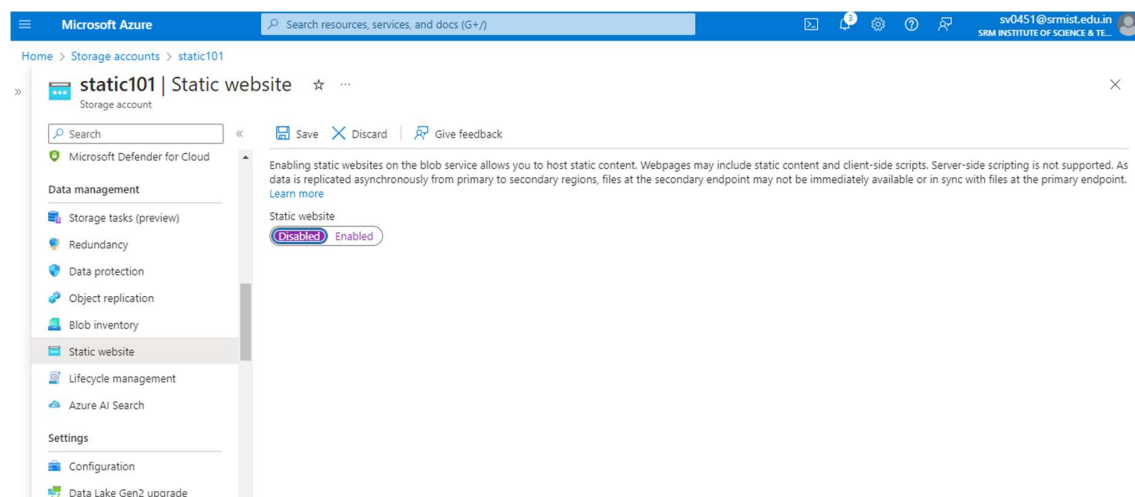
☒ Make read access to data available in the event of regional unavailability.

Previous Next Review + create

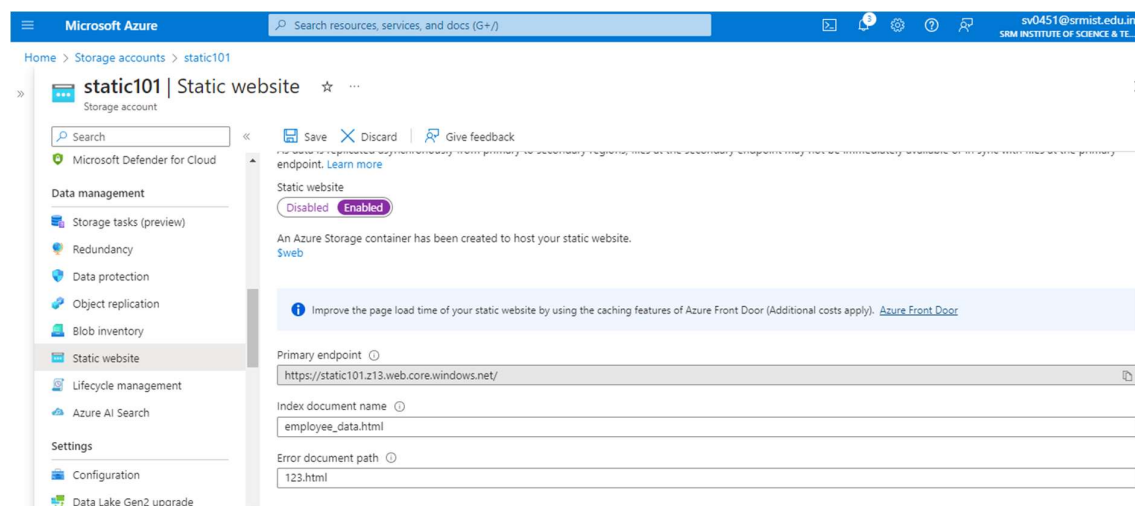
5) Wait for some time for the storage account to get created, once created it will look like this



6) Enter the storage account and head to static website under data management



7) Click on enable and fill the index document name with the name of ur html file u created and enter the error document path



8)Now head over to containers under data storage

Microsoft Azure

Home > Storage accounts > static101

static101 | Containers

Search containers by prefix

Name	Last modified	Anonymous access level	Lease state
<input type="checkbox"/> \$logs	4/5/2024, 6:25:42 PM	Private	Available
<input type="checkbox"/> \$web	4/5/2024, 6:29:41 PM	Private	Available

9)In this head over to the \$ web and upload the html file created, make sure it is the same name as mentioned in the static website document name

Microsoft Azure

Home > Storage accounts > static101 | Containers >

\$web

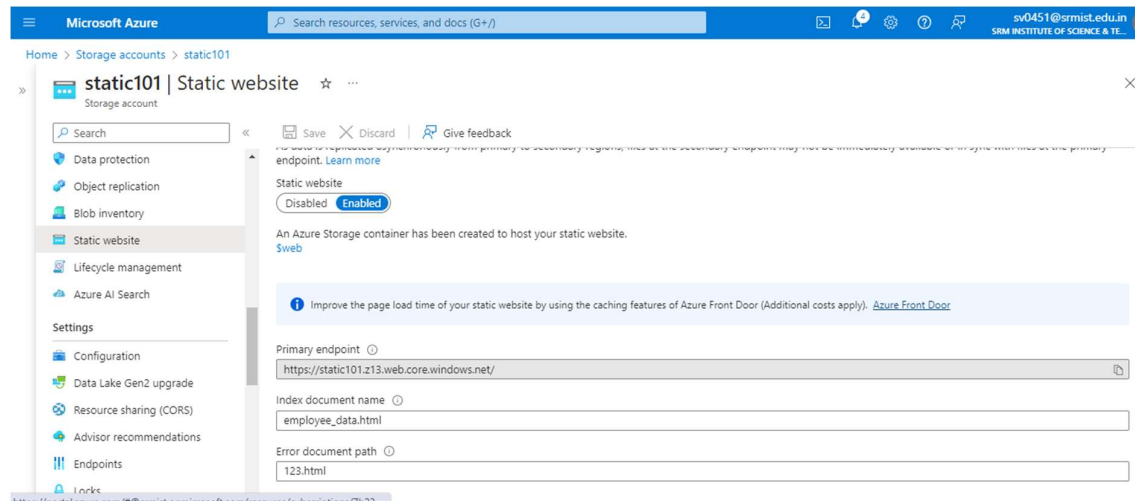
Authentication method: Access key (Switch to Microsoft Entra user account)

Location: \$web

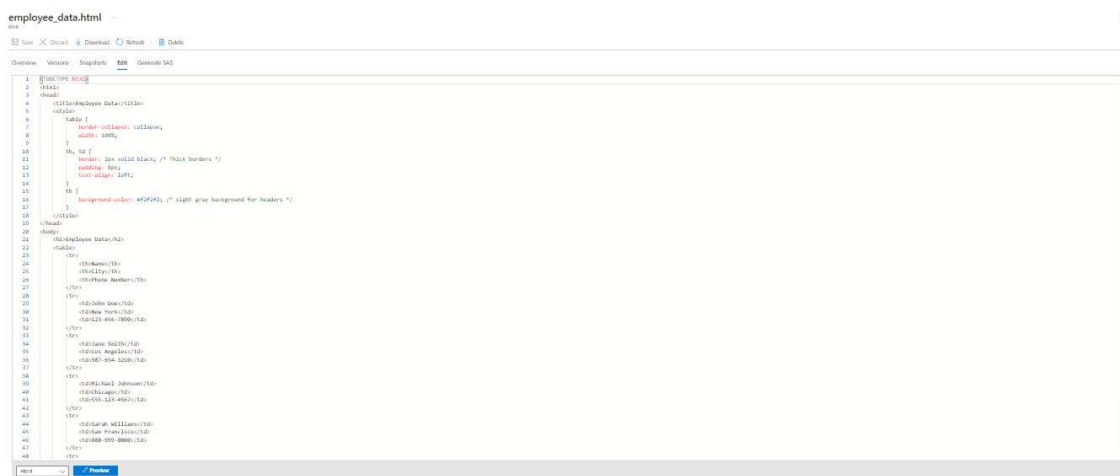
Search blobs by prefix (case-sensitive)

Name	Modified	Access tier	Archive status	Blob type	Size	Lease state
<input type="checkbox"/> employee_data.html	4/5/2024, 6:31:00 PM	Hot (Inferred)		Block blob	1.27 KiB	Available

10) Now head back to the static website and open the primary endpoint which has the static website hosted



11) The HTML code is shown below



12)paste the primary link in the web browser and below output will be shown

← → ↺ 🏠

🔒 https://static101.z13.web.core.windows.net

☆ 📧 📄 📁 📌 📎 📏 📐 📑 📔 📕 📖 📗 📙 📚 📛 📜 📝 📞 📟 📠 📡 📢 📣 📤 📥 📦 📧 📨 📩 📪 📫 📬 📭 📮 📯 📰 📱 📲 📳 📴 📵 📶 📷 📸 📹 📺 📻 📼 📽 📾 📿 📰 📱 📲 📳 📴 📵 📶 📷 📸 📹 📺 📻 📼 📽 📾 📿

Employee Data

Name	City	Phone Number
John Doe	New York	123-456-7890
Jane Smith	Los Angeles	987-654-3210
Michael Johnson	Chicago	555-123-4567
Sarah Williams	San Francisco	888-999-0000
David Brown	Houston	777-888-9999

Shreya Ranjan

SRM, KTR