

Cloud Computing Major Project

This screenshot shows the Microsoft Azure portal home page. The top navigation bar includes the Microsoft Azure logo, a search bar, and a user profile. Below the navigation bar, the page is organized into several sections: "Azure services" with icons for various services like "Create a resource", "Cost Management", "Virtual machines", "Application gateways", "Resource groups", "Subscriptions", "Billing subscriptions", "Quickstart Center", and "More services"; "Resources" with a "Recent" tab showing a table of resources; "Navigate" with icons for "Subscriptions", "Resource groups", "All resources", and "Dashboard"; and "Tools" with links to "Microsoft Learn", "Azure Monitor", "Microsoft Defender for Cloud", and "Cost Management". The bottom of the page shows a weather widget and system tray icons.

Azure services

- Create a resource
- Cost Management
- Cost Management ...
- Virtual machines
- Application gateways
- Resource groups
- Subscriptions
- Billing subscriptions
- Quickstart Center
- More services

Resources

Recent Favorite

Name	Type	Last Viewed
sunny	Subscription	a week ago

See all

Navigate

- Subscriptions
- Resource groups
- All resources
- Dashboard

Tools

- Microsoft Learn: Learn Azure with free online training from Microsoft
- Azure Monitor: Monitor your apps and infrastructure
- Microsoft Defender for Cloud: Secure your apps and infrastructure
- Cost Management: Analyze and optimize your cloud spend for free

This screenshot shows the Microsoft Azure portal with the "Storage accounts" page open. The left sidebar shows the "FAVORITES" section with "Storage accounts" selected. The main content area displays the "Storage accounts" page, which includes a "Create" button, a "Description" section, "Free training from Microsoft" links, and "Useful links". The "Description" section states: "Create a storage account to store up to 500TB of data in the cloud. Use a general-purpose storage account to store object data, use a NoSQL data store, define and use queues for message processing, and set up... See more". The "Free training from Microsoft" section lists three training modules: "Create an Azure Storage account" (7 units - 30 min), "Connect an app to Azure Storage" (12 units - 1 hr 15 min), and "Secure your Azure Storage account" (8 units - 45 min). The "Useful links" section includes "Overview" and "Quickstart". The bottom of the page shows a weather widget and system tray icons.

Storage accounts

+ Create View

Description

Create a storage account to store up to 500TB of data in the cloud. Use a general-purpose storage account to store object data, use a NoSQL data store, define and use queues for message processing, and set up... See more

Free training from Microsoft

- Create an Azure Storage account: 7 units - 30 min
- Connect an app to Azure Storage: 12 units - 1 hr 15 min
- Secure your Azure Storage account: 8 units - 45 min

Useful links

- Overview
- Quickstart

Create a storage account - Mic

portal.azure.com/#create/Microsoft.StorageAccount-ARM

Microsoft Azure

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

Saisunayana2@outlook...
DEFAULT DIRECTORY (SASUNAYANA2@OUTLOOK...)

Home > Storage accounts >

Create a storage account

BasicsAdvancedNetworkingData protectionEncryptionTagsReview

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 *Pay-As-You-Go

Resource group *(New) rgb123
[Create new](#)

Instance details

Storage account name *

Review< PreviousNext : Advanced >

Give feedback

28°C
Mostly cloudy

Search

18:33
21.11.2024

Create a storage account - Mic

portal.azure.com/#create/Microsoft.StorageAccount-ARM

Microsoft Azure

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

Saisunayana2@outlook...
DEFAULT DIRECTORY (SASUNAYANA2@OUTLOOK...)

Home > Storage accounts >

Create a storage account

BasicsAdvancedNetworkingData protectionEncryptionTagsReview

Resource group *(New) rgb123
[Create new](#)

Instance details

Storage account name *employeesinfo

Region *(Asia Pacific) Central India
[Deploy to an edge zone](#)

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

Redundancy *Locally-redundant storage (LRS)

Review< PreviousNext : Advanced >

Give feedback

28°C
Mostly cloudy

Search

18:38
21.11.2024

Create a storage account - Mic x +

portal.azure.com/#create/Microsoft.StorageAccount.ARM

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

Saisunayana2@outlook...
DEFAULT DIRECTORY (SASUNAYANA2)

Home > Storage accounts >

Create a storage account

Basics **Advanced** Networking Data protection Encryption Tags Review

Enable network file system v3 ☐

To enable NFS v3 'hierarchical namespace' must be enabled. [Learn more about NFS v3.](#)

Blob storage

Allow cross-tenant replication ☐

Access tier ☒ Hot: Optimized for frequently accessed data and everyday usage scenarios
☐ Cool: Optimized for infrequently accessed data and backup scenarios

Azure Files

Enable large file shares ☐

Review < Previous Next: Networking > Give feedback

28°C Mostly cloudy

Create a storage account - Mic x +

portal.azure.com/#create/Microsoft.StorageAccount.ARM

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

Saisunayana2@outlook...
DEFAULT DIRECTORY (SASUNAYANA2)

Home > Storage accounts >

Create a storage account

Basics Advanced **Networking** Data protection Encryption Tags Review

Network access ☒ Enable public access from all networks
☐ Enable public access from selected virtual networks and IP addresses
☐ Disable public access and use private access

Enabling public access from all networks might make this resource available publicly. Unless public access is required, we recommend using a more restricted access type. [Learn more](#)

Network routing

Determine how to route your traffic as it travels from the source to its Azure endpoint. Microsoft network routing is recommended for most customers.

Routing preference ☒ Microsoft network routing
☐ Internet routing

Review < Previous Next: Data protection > Give feedback

28°C Mostly cloudy

Create a storage account - Mic

portal.azure.com/#create/Microsoft.StorageAccount.ARM

Microsoft Azure

Search resources, services, and docs (G+)

Saisunayana2@outlook...
DEFAULT DIRECTORY (SAUNANA...)

Home > Storage accounts >

Create a storage account

×

Basics

Advanced

Networking

Data protection

Encryption

Tags

Review

recovery

Protect your data from accidental or erroneous deletion or modification.

☐

Enable point-in-time restore for containers

Use point-in-time restore to restore one or more containers to an earlier state. If point-in-time restore is enabled, then versioning, change feed, and blob soft delete must also be enabled. [Learn more](#)

☐

Enable soft delete for blobs

Soft delete enables you to recover blobs that were previously marked for deletion, including blobs that were overwritten. [Learn more](#)

☐

Enable soft delete for containers

Soft delete enables you to recover containers that were previously marked for deletion. [Learn more](#)

☐

Enable soft delete for file shares

Soft delete enables you to recover file shares that were previously marked for deletion. [Learn more](#)

Tracking

Manage versions and keep track of changes made to your blob data.

—

Review

< Previous

Next : Encryption >

Give feedback

28°C
Mostly cloudy

Search

ENG
IN

18:50
21.1.2024

Create a storage account - Mic

portal.azure.com/#create/Microsoft.StorageAccount.ARM

Microsoft Azure

Search resources, services, and docs (G+)

Saisunayana2@outlook...
DEFAULT DIRECTORY (SAUNANA...)

Home > Storage accounts >

Create a storage account

×

Basics

Advanced

Networking

Data protection

Encryption

Tags

Review

Encryption type *

☒ Microsoft-managed keys (MMK)

☐ Customer-managed keys (CMK)

Enable support for customer-managed keys

☒ Blobs and files only

☐ All service types (blobs, files, tables, and queues)

⚠ This option cannot be changed after this storage account is created.

Enable infrastructure encryption

☐

Review

< Previous

Next : Tags >

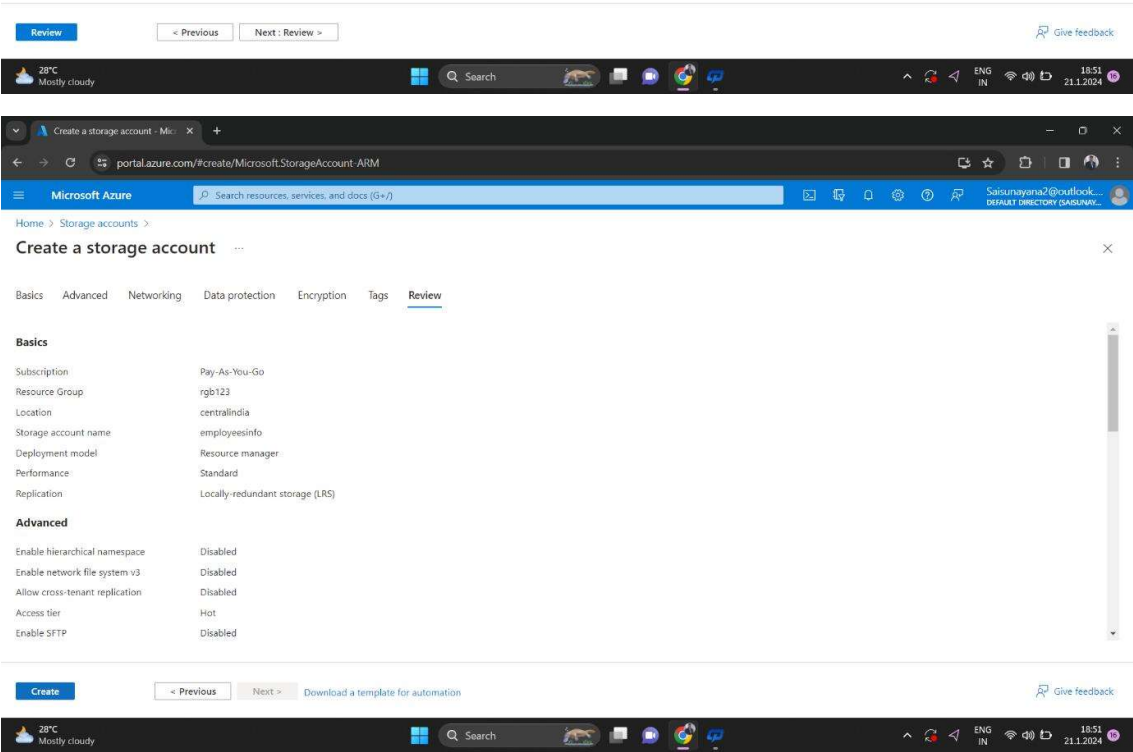
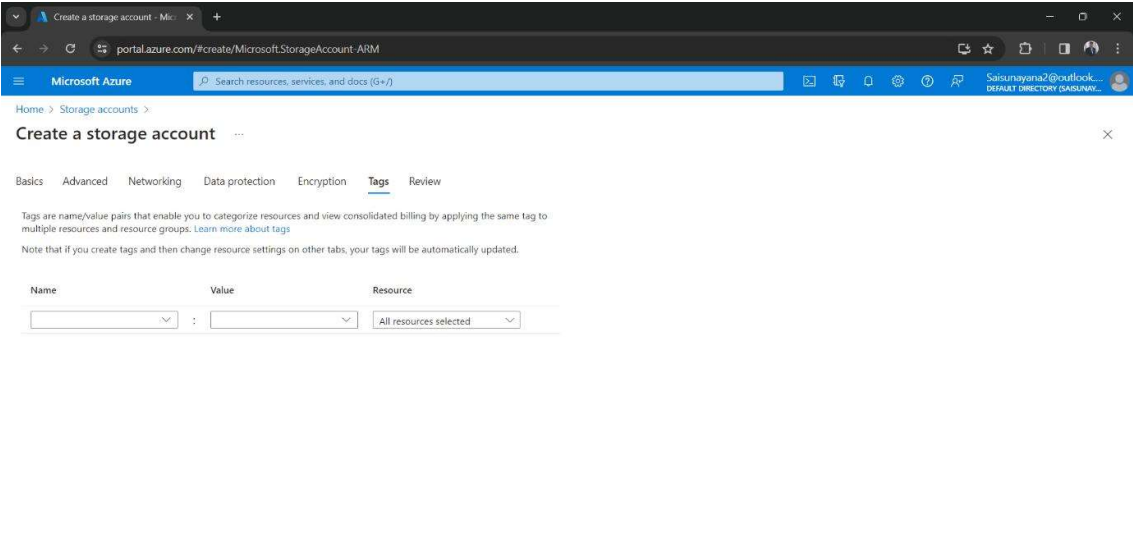
Give feedback

28°C
Mostly cloudy

Search

ENG
IN

18:51
21.1.2024



Microsoft Azure portal showing the deployment details for the resource group **employeesinfo_1705843305374**. The deployment is in progress.

Deployment details:

Resource	Type	Status	Operation details
employeesinfo	Microsoft.Storage/storageAccounts	Accepted	Operation details

Deployment summary:

- Deployment name: employeesinfo_1705843305374
- Subscription: Pay-As-You-Go
- Resource group: rgb123
- Start time: 1/21/2024, 6:51:48 PM
- Correlation ID: 25cebaa9-8fb2-4c1b-ae95-0effb90de041

Next steps:

- Go to resource

Give feedback:

Tell us about your experience with deployment.

Microsoft Defender for Cloud: Secure your apps and infrastructure. Go to Microsoft Defender for Cloud.

Free Microsoft tutorials: Start learning today.

Work with an expert: Azure experts are service provider partners who can help manage your assets on Azure and be your first line of support. Find an Azure expert.

Microsoft Azure portal showing the deployment details for the resource group **employeesinfo_1705843305374**. The deployment is complete.

Deployment details:

Resource	Type	Status	Operation details
employeesinfo	Microsoft.Storage/storageAccounts	Accepted	Operation details

Deployment summary:

- Deployment name: employeesinfo_1705843305374
- Subscription: Pay-As-You-Go
- Resource group: rgb123
- Start time: 1/21/2024, 6:51:48 PM
- Correlation ID: 25cebaa9-8fb2-4c1b-ae95-0effb90de041

Next steps:

- Go to resource

Give feedback:

Tell us about your experience with deployment.

Cost Management: Get notified to stay within your budget and prevent unexpected charges on your bill. Set up cost alerts.

Microsoft Defender for Cloud: Secure your apps and infrastructure. Go to Microsoft Defender for Cloud.

Free Microsoft tutorials: Start learning today.

Work with an expert: Azure experts are service provider partners who can help manage your assets on Azure and be your first line of support. Find an Azure expert.

Microsoft Azure portal showing the overview of the storage account **employeesinfo**. The page displays various settings and configurations for the storage account.

Search: Search resources, services, and docs (G+)

Overview: Home > employeesinfo_1705843305374 | Overview >

Storage account: employeesinfo

Access keys: Access keys, Shared access signature, Encryption, Microsoft Defender for Cloud

Data management: Redundancy, Data protection, Object replication, Blob inventory, Static website, Lifecycle management, Azure AI Search

Settings: Configuration, Data Lake Gen2 upgrade, Resource sharing (CORS), Advisor recommendations

Properties: Resource group (mize) : rgb123, Location : centralindia, Subscription (mize) : Bay-As-You-Go, Subscription ID : d0e4c526-ae5f-41e5-a2e2-15d039c8a8d7, Disk state : Available, Tags (add) : Add tags

Performance: Standard, Locally-redundant storage (LRS), StorageV2 (general purpose v2), Succeeded, 1/21/2024, 6:51:50 PM

Properties: Monitoring, Capabilities (7), Recommendations (0), Tutorials, Tools + SDKs

Blob service: Hierarchical namespace (Disabled), Default access tier (Hot), Blob anonymous access (Disabled), Blob soft delete (Disabled), Container soft delete (Disabled), Versioning (Disabled), Change feed (Disabled), NFS v3 (Disabled), Allow cross-tenant replication (Disabled)

File service: (Disabled)

Security: Require secure transfer for REST API operations (Enabled), Storage account key access (Enabled), Minimum TLS version (Version 1.2), Infrastructure encryption (Disabled)

Networking: Allow access from (All networks), Number of private endpoint connections (0), Network routing (Microsoft network routing), Access for trusted Microsoft services (Yes), Endpoint type (Standard)

Microsoft Azure portal showing the configuration of the static website for the storage account **employeesinfo**.

Static website: Static website

Access keys: Access keys, Shared access signature, Encryption, Microsoft Defender for Cloud

Data management: Redundancy, Data protection, Object replication, Blob inventory, Static website, Lifecycle management, Azure AI Search

Settings: Configuration, Data Lake Gen2 upgrade, Resource sharing (CORS), Advisor recommendations

Static website: Disabled, Enabled

Static website configuration: Enabling static websites on the blob service allows you to host static content. Webpages may include static content and client-side scripts. Server-side scripting is not supported. As data is replicated asynchronously from primary to secondary regions, files at the secondary endpoint may not be immediately available or in sync with files at the primary endpoint. [Learn more](#)

Microsoft Azure portal showing the configuration for the 'employeesinfo' Static website. The 'Static website' tab is selected, and the 'Enabled' toggle is turned on. The 'Index document name' is set to 'index.html' and the 'Error document path' is set to 'error.html'. A notification suggests using Azure Front Door for improved page load times.

Static website configuration:

- Index document name: index.html
- Error document path: error.html

Static website status: Enabled

view-sourcefile:///C:/Users/saisu/OneDrive/Desktop/index.html

```
1 <table style="border-collapse: collapse; border: 4px solid black;">
2   <thead>
3     <tr>
4       <th style="border: 2px solid black; padding: 10px;">Employee Name</th>
5       <th style="border: 2px solid black; padding: 10px;">City</th>
6       <th style="border: 2px solid black; padding: 10px;">Phone Number</th>
7     </tr>
8   </thead>
9   <tbody>
10    <!-- Repeat the following row for each employee -->
11    <tr>
12      <td style="border: 2px solid black; padding: 10px;">John Doe1</td>
13      <td style="border: 2px solid black; padding: 10px;">New York</td>
14      <td style="border: 2px solid black; padding: 10px;">123-456-7890</td>
15    </tr>
16    <tr>
17      <td style="border: 2px solid black; padding: 10px;">John Doe2</td>
18      <td style="border: 2px solid black; padding: 10px;">New York</td>
19      <td style="border: 2px solid black; padding: 10px;">123-456-7890</td>
20    </tr>
21    <tr>
22      <td style="border: 2px solid black; padding: 10px;">John Doe3</td>
23      <td style="border: 2px solid black; padding: 10px;">New York</td>
24      <td style="border: 2px solid black; padding: 10px;">123-456-7890</td>
25    </tr>
26    <tr>
27      <td style="border: 2px solid black; padding: 10px;">John Doe4</td>
28      <td style="border: 2px solid black; padding: 10px;">New York</td>
29      <td style="border: 2px solid black; padding: 10px;">123-456-7890</td>
30    </tr>
31    <tr>
32      <td style="border: 2px solid black; padding: 10px;">John Doe5</td>
33      <td style="border: 2px solid black; padding: 10px;">New York</td>
34      <td style="border: 2px solid black; padding: 10px;">123-456-7890</td>
35    </tr>
36    <tr>
37      <td style="border: 2px solid black; padding: 10px;">John Doe6</td>
38      <td style="border: 2px solid black; padding: 10px;">New York</td>
39      <td style="border: 2px solid black; padding: 10px;">123-456-7890</td>
40    </tr>
41    <tr>
42      <td style="border: 2px solid black; padding: 10px;">John Doe7</td>
43      <td style="border: 2px solid black; padding: 10px;">New York</td>
44      <td style="border: 2px solid black; padding: 10px;">123-456-7890</td>
45    </tr>
46  </tbody>
47 </table>
```



```
enr.html - Notepad
File Edit View

<!DOCTYPE html>
<html>
<head>
<title>404 Error - Page Not Found</title>
<style>
body {
font-family: Arial, sans-serif;
text-align: center;
}
h1 {
color: #FF0000;
}
p {
font-size: 18px;
}
</style>
</head>
<body>
<h1>Oops! Page Not Found</h1>
<p>Sorry, the page you are looking for could not be found.</p>
<p>Please check the URL or go back to the homepage.</p>
</body>
</html>
```

employeesinfo - Microsoft Azure | Overview > employeesinfo

employeesinfo | Static website

Storage account

Search: [] Save Discard Give feedback

Access keys
Shared access signature
Encryption
Microsoft Defender for Cloud

Data management
Redundancy
Data protection
Object replication
Blob inventory
Static website
Lifecycle management
Azure AI Search

Settings
Configuration
Data Lake Gen2 upgrade
Resource sharing (CORS)
Advisor recommendations

Enabling static websites on the blob service allows you to host static content. Webpages may include static content and client-side scripts. Server-side scripting is not supported. As data is replicated asynchronously from primary to secondary regions, files at the secondary endpoint may not be immediately available or in sync with files at the primary endpoint. [Learn more](#)

Static website
☐ Disabled ☒ Enabled

An Azure Storage container has been created to host your static website.
[View](#)

Improve the page load time of your static website by using the caching features of Azure Front Door (Additional costs apply). [Azure Front Door](#)

Primary endpoint [Copy to clipboard](#)

Index document name ✓

Error document path ✓

Microsoft Azure portal interface showing the 'employeesinfo' storage account. The 'Containers' section is active, displaying a table of containers:

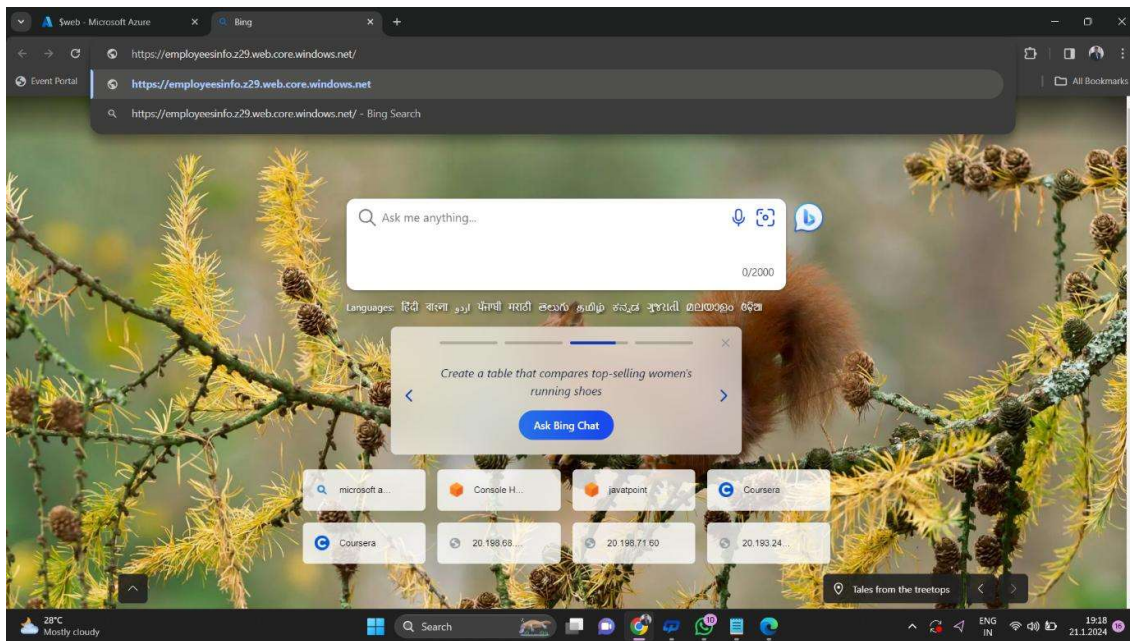
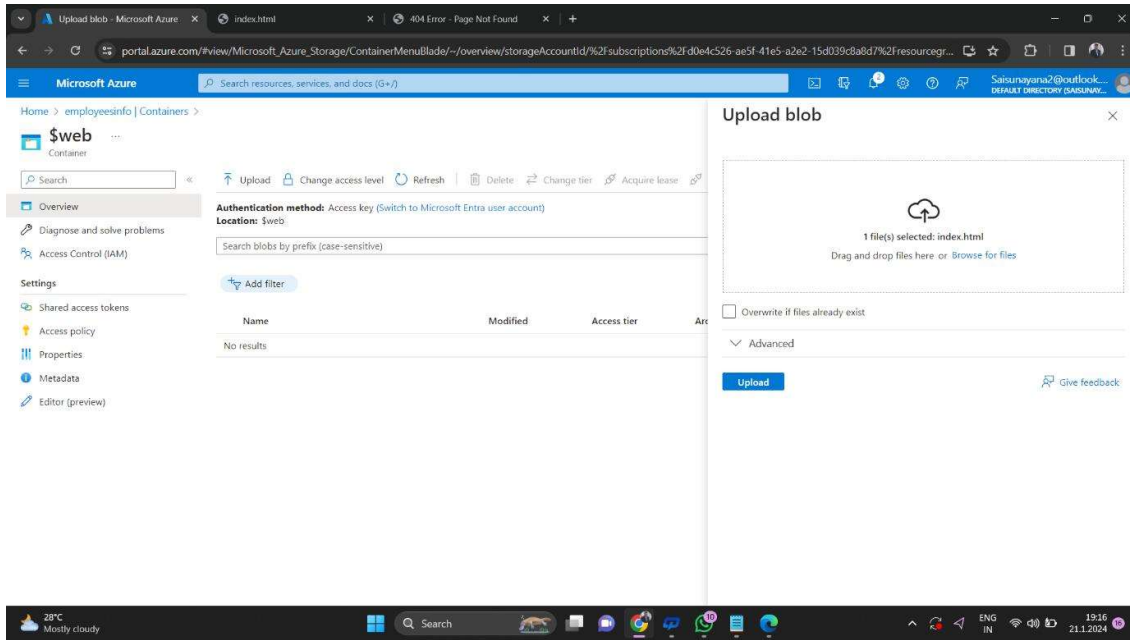
Name	Last modified	Anonymous access level	Lease state
\$logs	1/21/2024, 6:52:21 PM	Private	Available
\$web	1/21/2024, 7:13:33 PM	Private	Available

The interface includes a sidebar with navigation options like Data migration, Events, Storage browser, and Security + networking. The top bar shows the user's profile and search functionality.

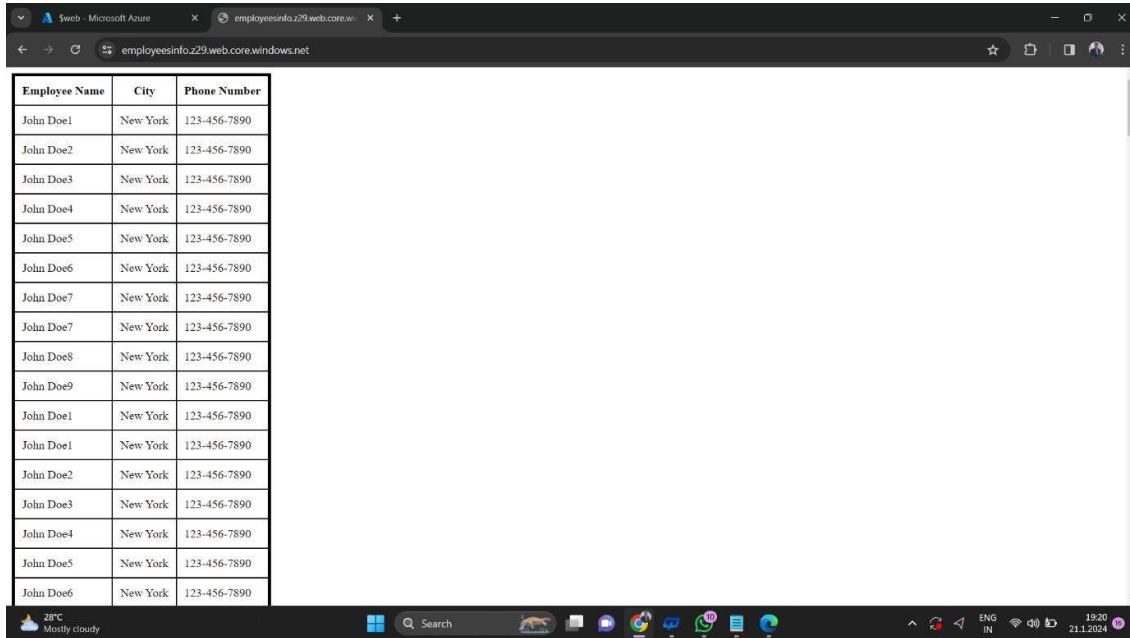
Microsoft Azure portal interface showing the 'Upload blob' dialog for the '\$web' container. The dialog includes the following settings:

- ☒ Upload .vhd files as page blobs (recommended)
- Block size: 4 MiB
- Access tier: Hot (Inferred)
- Upload to folder: [Empty field]
- Blob index tags: [Key/Value fields]
- Encryption scope: ☒ Use existing default container scope
- Retention policy: ☐ No retention

The 'Upload' button is visible at the bottom of the dialog. The background shows the 'Overview' page for the '\$web' container, which currently displays 'No results'.



Output :



The screenshot shows a web browser window with a single tab titled 'employeesinfo.z29.web.core.windows.net'. The browser's address bar shows the URL 'employeesinfo.z29.web.core.windows.net'. The main content area displays a table with three columns: 'Employee Name', 'City', and 'Phone Number'. The table contains 18 rows of data. The first 9 rows have 'John Doe1' through 'John Doe9' as names, 'New York' as the city, and '123-456-7890' as the phone number. The next 6 rows have 'John Doe1' through 'John Doe6' as names, 'New York' as the city, and '123-456-7890' as the phone number. The last 3 rows have 'John Doe2' through 'John Doe5' as names, 'New York' as the city, and '123-456-7890' as the phone number. The browser's taskbar at the bottom shows the Windows logo, a search bar, and several application icons. The system tray on the right shows the date and time as '19:20 21.11.2024'.

Employee Name	City	Phone Number
John Doe1	New York	123-456-7890
John Doe2	New York	123-456-7890
John Doe3	New York	123-456-7890
John Doe4	New York	123-456-7890
John Doe5	New York	123-456-7890
John Doe6	New York	123-456-7890
John Doe7	New York	123-456-7890
John Doe7	New York	123-456-7890
John Doe8	New York	123-456-7890
John Doe9	New York	123-456-7890
John Doe1	New York	123-456-7890
John Doe1	New York	123-456-7890
John Doe2	New York	123-456-7890
John Doe3	New York	123-456-7890
John Doe4	New York	123-456-7890
John Doe5	New York	123-456-7890
John Doe6	New York	123-456-7890