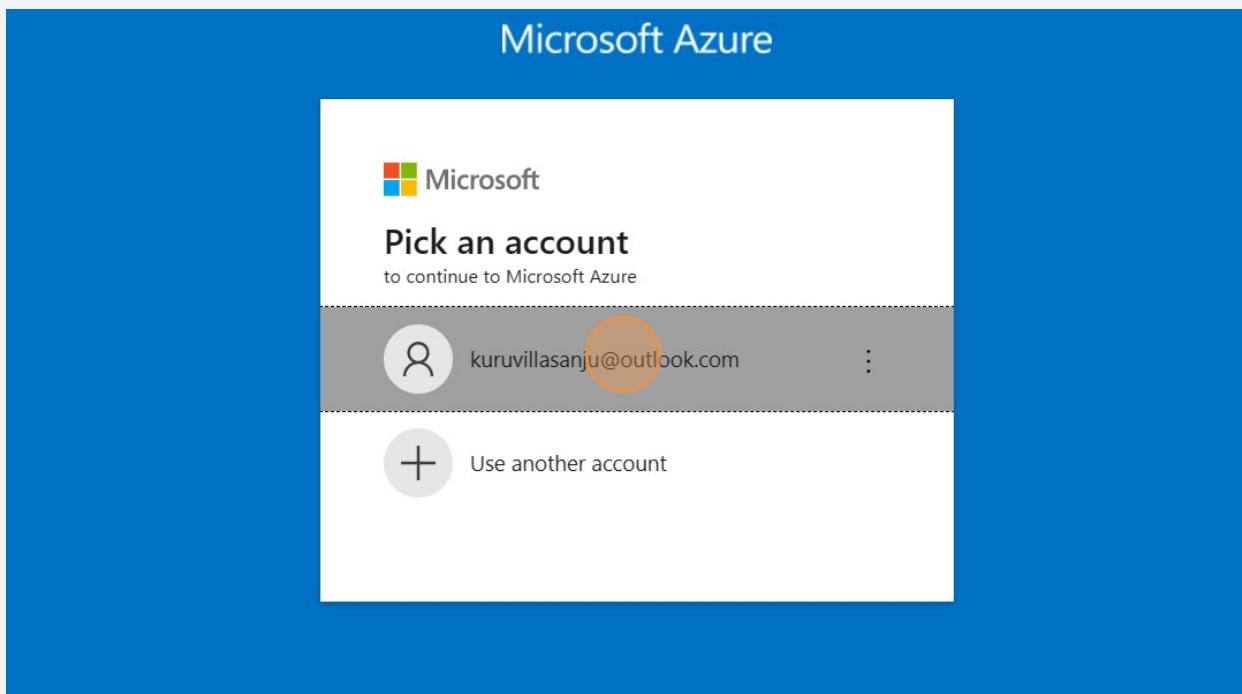


Configure Azure Storage for Static Website Deployment

Scribe

- 1 Login to your Azure web portal



2 Navigate to the Azure Storage Accounts service.

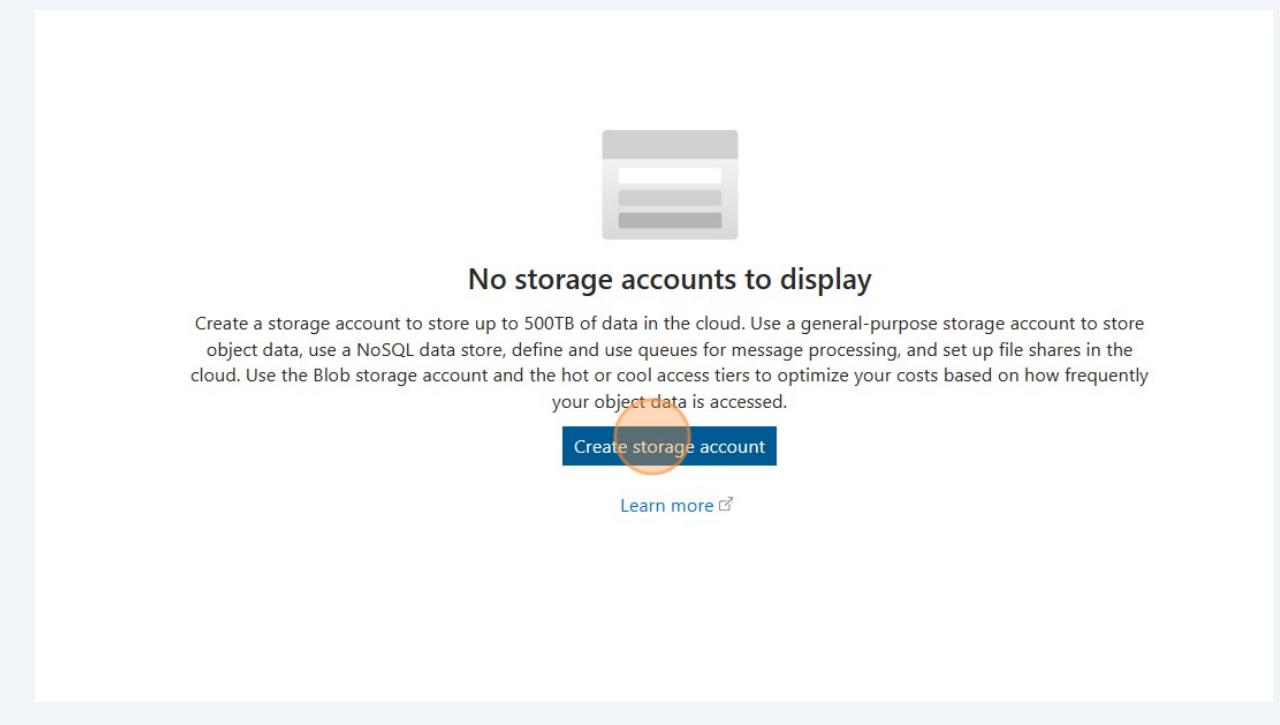
The screenshot shows the Microsoft Azure portal interface. At the top, there's a blue header bar with the "Microsoft Azure" logo, an "Upgrade" button, and a search bar that says "Search resources, services, and docs (G+/)". Below the header is a navigation bar with several icons: "Create a resource" (a plus sign), "App Services" (a globe icon), "All resources" (a grid icon), "Virtual networks" (two overlapping arrows icon), "Cost Management ..." (a dollar sign icon), and "Resource groups" (a cube icon). The main area is titled "Azure services". Under "Resources", there are two tabs: "Recent" (which is selected) and "Favorite". A table lists resources with columns for "Name" and "Type". The resources listed are:

Name	Type
employee-data	Static Web App
sanju	Resource group
skkportfolio	Static Web App
Free Trial	Subscription

3 Click "Storage accounts"

The screenshot shows the Microsoft Azure portal interface with a sidebar on the left. The sidebar contains a list of services and features, each with an icon: Quickstart Center, App Services, Function App, SQL databases, Azure Cosmos DB, Virtual machines, Load balancers, Storage accounts (which has a red circle around it), Virtual networks, Microsoft Entra ID, Monitor, Advisor, Microsoft Defender for Cloud, and Management + Billing. To the right of the sidebar, there's a "Recent" tab with a table of resources, which is identical to the one in the previous screenshot. Below the "Recent" tab, there are sections for "Subscriptions", "Resource groups", and "All resources".

- 4 Click on "Add" to create a new storage account.



- 5
- Fill in the required details such as account name, resource group, location, etc.
 - Choose the "StorageV2" account kind and "General Purpose V2" performance.
 - Enable the "Static website" option under the "Settings" tab and specify the index and error documents.
 - Click "Review + create" and then "Create" to create the storage account.

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 *

Resource group *

 
[Create new](#)

Instance details

Storage account name ⓘ *

Region ⓘ *

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 *

Resource group *

NetworkWatcherRG

sanju

Instance details

Storage account name ⓘ *

Region ⓘ *

< Previous

Next : Advanced >

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 *

Free Trial

Resource group *

sanju

[Create new](#)

Instance details

Storage account name ⓘ *

employeedata

 The storage account name 'employeedata' is already taken.

Region ⓘ *

(Asia Pacific) Central India

[Review](#)

[< Previous](#)

[Next : Advanced >](#)

manage your storage account together with other resources.

Subscription *

Free Trial

Resource group *

sanju

[Create new](#)

Instance details

Storage account name ⓘ *

[]

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 ⓘ *

Geo-redundant storage (GRS)

Instance details

Storage account name *

Region * ▼

[Deploy to an edge zone](#)

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

Redundancy * ▼

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

 < Previous Next : Advanced >

 Microsoft Azure [Upgrade](#)  Search resources, services, and docs (G+/)

Home > Storage accounts >

Create a storage account ...

✖ Validation failed. Click here to view details. →

[Basics](#) [Advanced](#) [Networking](#) [Data protection](#) [Encryption](#) [Tags](#) [Review](#) 

Basics

Subscription	Free Trial
Resource Group	sanju
Location	centralindia
Storage account name	employeedata
Deployment model	Resource manager
Performance	Standard
Replication	Read-access geo-redundant storage (RA-GRS)

Location centralindia

Storage account name employeedatas

Deployment model Resource manager

Performance Standard

Replication Read-access geo-redundant storage (RA-GRS)

Advanced

Enable hierarchical namespace Disabled

Enable network file system v3 Disabled

Allow cross-tenant replication Disabled

Access tier Hot

Enable SFTP Disabled

Large file shares Disabled

Networking

 [Create](#) [Previous](#) [Next >](#) [Download a template for automation](#)

6 Wait for the deployment to get finish

[Give feedback](#) [Tell us about your experience with deployment](#)

Resource	Type	Status
 employeedatas	Microsoft.Storage/storageAcco...	Accepted

7 Click Refresh.

The screenshot shows the Azure portal interface for a deployment named "employeeedatas_1710945511112". The top navigation bar includes a search bar and a refresh icon. Below the header, the deployment status is shown as "Deployment is in progress". Deployment details are listed: Deployment name: employeeedatas_1710945511112, Subscription: Free Trial, Resource group: sanju. The start time is 3/20/2024, 8:08:45 PM, and the correlation ID is feb881dc-8300-4b74-83c2-704d1bbfae5f. A "Refresh" button is highlighted with a yellow circle. A "Deployment details" section shows one resource: employeedatas (Type: Microsoft.Storage/storageAcco..., Status: Accepted). There are also "Give feedback" and "Tell us about your experience with deployment" buttons at the bottom.

8 Click "Go to resource"

The screenshot shows the Azure portal interface for the same deployment, now marked as complete. The status message "Your deployment is complete" is displayed with a green checkmark. Deployment details remain the same: Deployment name: employeeedatas_1710945511112, Subscription: Free Trial, Resource group: sanju. The start time is 3/20/2024, 8:08:45 PM, and the correlation ID is feb881dc-8300-4b74-83c2-704d1bbfae5f. A "Go to resource" button is highlighted with a yellow circle. A "Deployment details" section and a "Next steps" section are visible. There are also "Give feedback" and "Tell us about your experience with deployment" buttons at the bottom.

9 Click "Static website"

The screenshot shows the Azure Storage blade for a blob service named 'employeedatas'. On the left, a sidebar lists various management options under 'Data management' and 'Settings'. The 'Static website' option is highlighted with an orange circle. The main pane displays configuration details for the static website:

Created	Last Failover	Never
Storage account resource ID	/subscriptions/7b828564-2558-4c6f-a852-f1df5d75d14	
Blob service	Resource ID	/subscriptions/7b828564-2558-4c6f-a852-f1df5d75d14
Primary endpoint	Blob service	https://employeedatas.blob.core.windows.net/
Secondary endpoint	Blob service	https://employeedatas-secondary.blob.core.windows.net/
File service	Resource ID	/subscriptions/7b828564-2558-4c6f-a852-f1df5d75d14
File service	File service	https://employeedatas.file.core.windows.net/
Queue service	Resource ID	/subscriptions/7b828564-2558-4c6f-a852-f1df5d75d14

10 Click "Enabled"

The screenshot shows the Azure Storage account overview for 'employeedatas'. The top navigation bar includes 'Microsoft Azure', 'Upgrade', and a search bar. The main content area displays the storage account details and a summary message about enabling static websites.

Summary

Enabling static websites on the blob service allows you to host static content. Webpages may include asynchronously from primary to secondary regions, files at the secondary endpoint may not be immediate.

Static website

Disabled **Enabled** (button circled in orange)

Data management

- Storage tasks (preview)
- Redundancy
- Data protection
- Object replication
- Blob inventory

11

- Once the storage account is created, navigate to it in the Azure portal.
- Go to the "Static website" section under the "Settings" tab.
- Note down the primary endpoint URL provided (it will be something like <https://yourstorageaccount.z6.web.core.windows.net>).
- Upload your website files (including the index.html file) to the \$web container within your storage account using Azure Storage Explorer or Azure CLI.

12

Click "Containers"

The screenshot shows the Azure Storage blade. On the left, there's a sidebar with various options: Diagnose and solve problems, Access Control (IAM), Data migration, Events, Storage browser, Storage Mover, Data storage (with Containers highlighted by a red circle), File shares, Queues, Tables, Security + networking (with Networking, Front Door and CDN, and Access keys listed), and Metrics + monitoring. The main area has tabs for 'Disabled' and 'Enabled'. It displays a message: 'An Azure Storage container has been created to host your static website.' Below this is a link '\$web'. A tooltip says: 'Improve the page load time of your static website by using the caching features of Azure Front Door'. There are input fields for Primary endpoint (containing 'https://employeeedatas.z29.web.core.windows.net/'), Secondary endpoint (containing 'https://employeeedatas-secondary.z29.web.core.windows.net/'), Index document name (empty), and Error document path (empty).

13 Click "\$web"

The screenshot shows the Azure Storage account 'employeedatas' under the 'Containers' blade. On the left, there's a sidebar with various navigation links like Overview, Activity log, Tags, etc. The main area shows a table of containers with two entries:

Name	Last modified
\$logs	3/20/2024, 8:09
\$web	3/20/2024, 8:11

The '\$web' container is highlighted with an orange circle around its row.

14 Click upload

The screenshot shows the Azure Storage container '\$web' under the 'Overview' blade. On the left, there's a sidebar with links like Overview, Diagnose and solve problems, Access Control (IAM), Settings, Shared access tokens, Access policy, Properties, Metadata, and Editor (preview). The main area shows the container details:

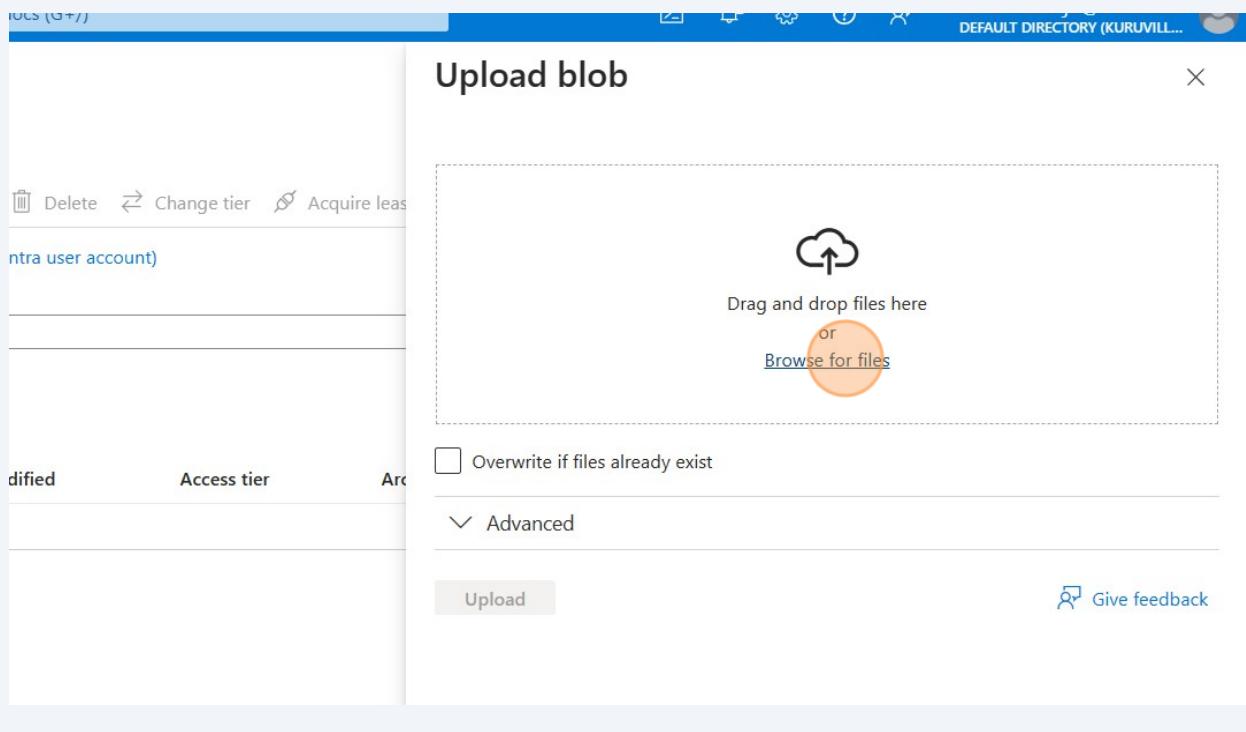
- Authentication method:** Access key (Switch to Microsoft Entra user account)
- Location:** \$web

There's also a search bar for blobs and a 'Add filter' button. Below, a table shows blob results:

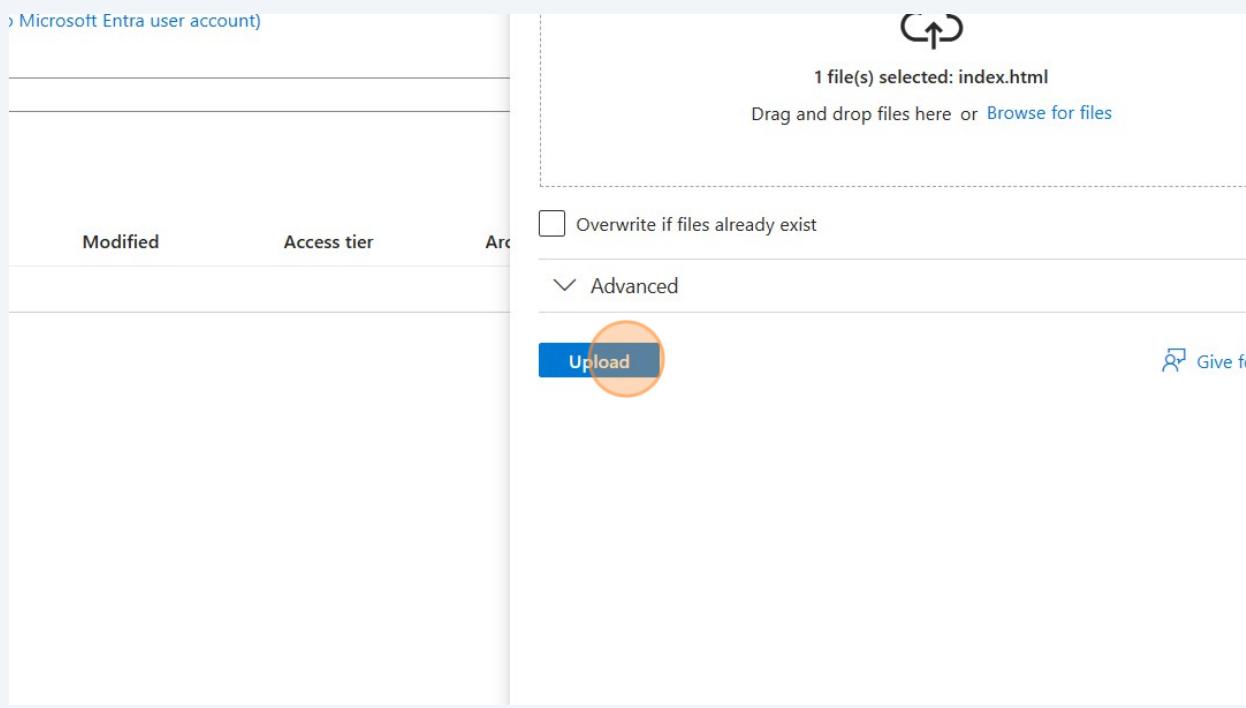
Name	Modified	Access tier
No results		

The 'Upload' button at the top is highlighted with an orange circle.

15 Click "Browse for files"



16 Click "Upload"



17 upload your index.html file

The screenshot shows the Azure Storage Blob container page for the 'employeeedatas' container. At the top, there are navigation links for 'Azure' and 'Upgrade', and a search bar. Below the header, the URL is 'eedatas_1710945511112 | Overview > employeeedatas | Containers >'. There are several buttons: 'Upload' (with a plus icon), 'Change access level' (with a lock icon), 'Refresh' (with a circular arrow icon, circled in orange), 'Delete' (with a trash bin icon), 'Change tier' (with a gear icon), 'Acquire lease' (with a key icon), and 'Break' (with a break icon). A note says 'Authentication method: Access key (Switch to Microsoft Entra user account)' and 'Location: \$web'. A search bar is labeled 'Search blobs by prefix (case-sensitive)'. Below the search bar is a 'Add filter' button. A table lists blobs with columns: Name, Modified, Access tier, and Archive status. One blob is listed: 'index.html' (modified 3/20/2024, 8:13:23 PM, Hot (Inferred)). On the left sidebar, there are links for 'solve problems', 'IAM (IAM)', and 'tokens'.

18 Click "employeeedatas"

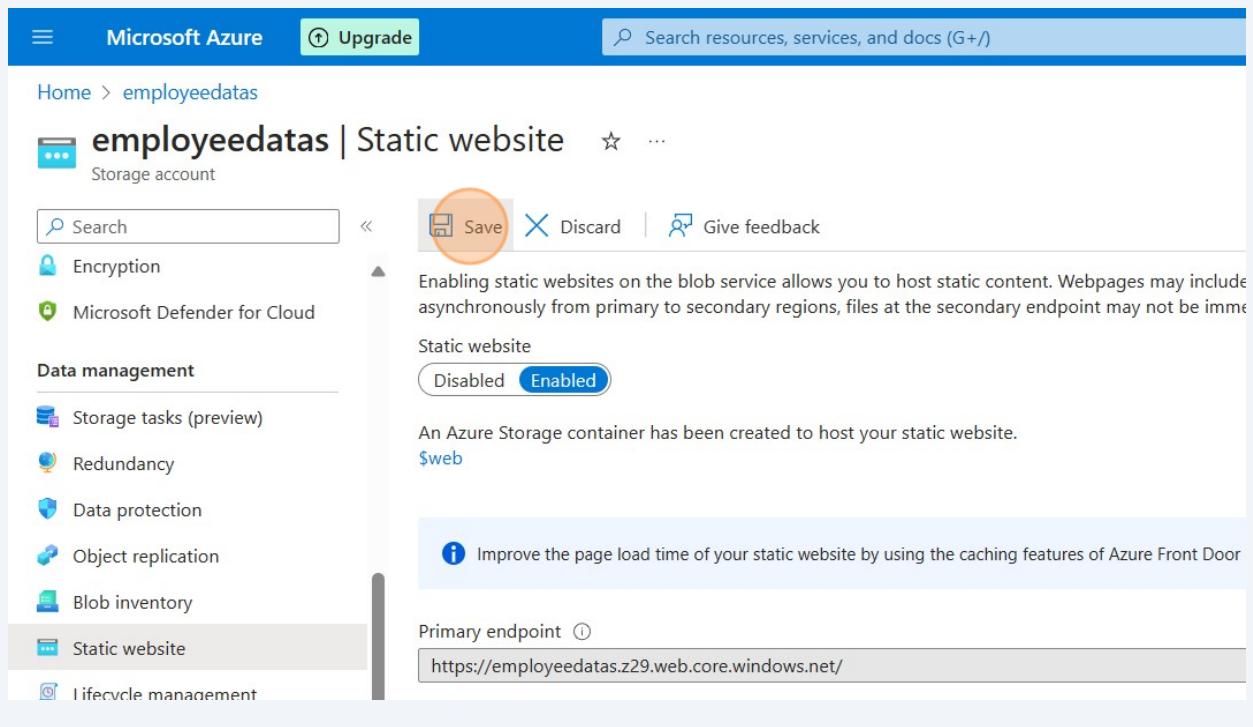
The screenshot shows the Azure Storage Container page for the 'employeeedatas' container. At the top, there are navigation links for 'Home' and 'employeeedatas_1710945511112 | Overview > employeeedatas' (with a link icon, circled in orange). Below the header, the URL is 'employeeedatas | Containers' and it's identified as a 'Storage account'. There are buttons: '+ Container' (with a plus icon), 'Change access level' (with a lock icon), 'Restore containers' (with a circular arrow icon), 'Refresh' (with a circular arrow icon), and 'Delete' (with a trash bin icon). A search bar is labeled 'Search containers by prefix'. A sidebar on the left lists various management options: Overview, Activity log, Tags, Diagnose and solve problems, Access Control (IAM), Data migration, Events, Storage browser, and Storage Mover. The main area displays a table of containers with columns: Name and Last modified. Two containers are listed: '\$logs' (last modified 3/20/2024, 8:09) and '\$web' (last modified 3/20/2024, 8:11, highlighted with a blue background).

19 Click the "Index document name" field. in static website service.

The screenshot shows the Azure portal interface for managing a static website. On the left, a sidebar lists various service options: Redundancy, Data protection, Object replication, Blob inventory, Static website (which is selected and highlighted in grey), Lifecycle management, Azure AI Search, Settings (Configuration, Data Lake Gen2 upgrade, Resource sharing (CORS), Advisor recommendations, Endpoints, Locks), and Monitoring. The main pane displays the configuration for the 'Static website'. It includes a note about improving page load time using Azure Front Door, followed by fields for 'Primary endpoint' (https://employeedatas.z29.web.core.windows.net/) and 'Secondary endpoint' (https://employeedatas-secondary.z29.web.core.windows.net/). Below these is the 'Index document name' field, which contains the value 'index.html' and is circled in orange. There is also a 'Error document path' field which is empty.

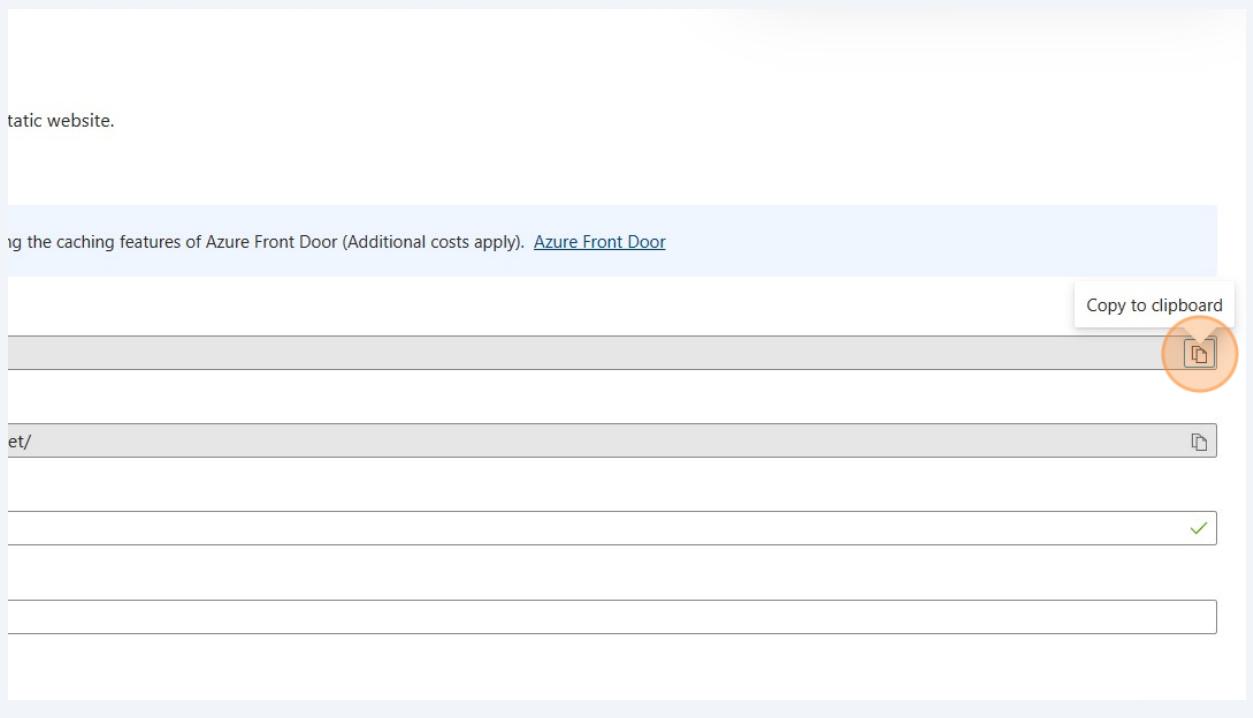
20 Type "index.html"

21 Click save



The screenshot shows the Microsoft Azure Storage account settings for a static website named "employeedatas". The "Data management" section is visible on the left, and the main configuration area shows the static website is enabled. A callout bubble points to the "Save" button at the top right, which is highlighted with an orange circle. Other buttons like "Discard" and "Give feedback" are also visible.

22 Copy the Primary endpoint



The screenshot shows the "Primary endpoint" section with the URL <https://employeedatas.z29.web.core.windows.net/>. A "Copy to clipboard" button with a clipboard icon is highlighted with an orange circle. Below the URL, there is a text input field containing "et/" and a "Copy" button with a checkmark icon.

23 Switch to tab "New tab" and past to find the website