

# ARM-Azure-Storage:4

## Do the following:

1. Create a Storage account, and upload some files in Blob storage.
2. Create a CDN profile.
3. Create an endpoint and connect to the Azure blob to access the files uploaded.

Now let us create a new storage account real quick. Choose resource group and name the storage account.

The screenshot shows the 'Create a storage account' wizard in the Azure portal, specifically the 'Basics' tab. The page has a blue header with the Microsoft Azure logo and an 'Upgrade' button. Below the header, there's a search bar and 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'. The 'Basics' tab is active. The page contains several sections: 'Project details' with dropdowns for 'Subscription' (Free Trial) and 'Resource group' (rg1); 'Instance details' with a 'Storage account name' field (forassignment4), a 'Region' dropdown (US East US), and 'Performance' and 'Redundancy' options. At the bottom, there are 'Review' and 'Next: Advanced >' buttons, and a 'Give feedback' link.

Microsoft Azure Upgrade Search resources, services, and docs (6+)

Home > Storage accounts >

### Create a storage account

Basics Advanced Networking Data protection Encryption Tags Review

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 \* Free Trial

Resource group \* rg1 [Create new](#)

**Instance details**

If you need to create a legacy storage account type, please click [here](#).

Storage account name \* forassignment4

Region \* (US) East US [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) ☒ Make read access to data available in the event of regional unavailability.

[Review](#) < Previous Next: Advanced > [Give feedback](#)

## Review and create it.

The screenshot shows the 'Create a storage account' wizard in the Azure portal, specifically the 'Review' tab. The page has a blue header with the Microsoft Azure logo and an 'Upgrade' button. Below the header, there's a search bar and 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'. The 'Review' tab is active. The page contains a 'Deploying...' status bar at the top. Below this, there are sections for 'Basics', 'Networking', 'Data protection', and 'Encryption', each with a list of settings and their status. At the bottom, there are 'Create', 'Previous', and 'Next >' buttons, and a 'Download a template for automation' link. A 'Give feedback' link is also present. A notification box in the top right corner says '\*\*\* Initializing deployment... Initializing template deployment to resource group 'rg1'.'.

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Home > Storage accounts >

### Create a storage account

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Deploying...

**Basics**

(preview)

Enable hierarchical namespace Disabled

Enable network file system v3 Disabled

Access tier Hot

Enable SFTP Disabled

Large file shares Disabled

**Networking**

Network connectivity Public endpoint (all networks)

Default routing tier Microsoft network routing

Endpoint type Standard

**Data protection**

Point-in-time restore Disabled

Blob soft delete Enabled

Blob retention period in days 7

Container soft delete Enabled

Container retention period in days 7

File share soft delete Enabled

File share retention period in days 7

Versioning Disabled

Blob change feed Disabled

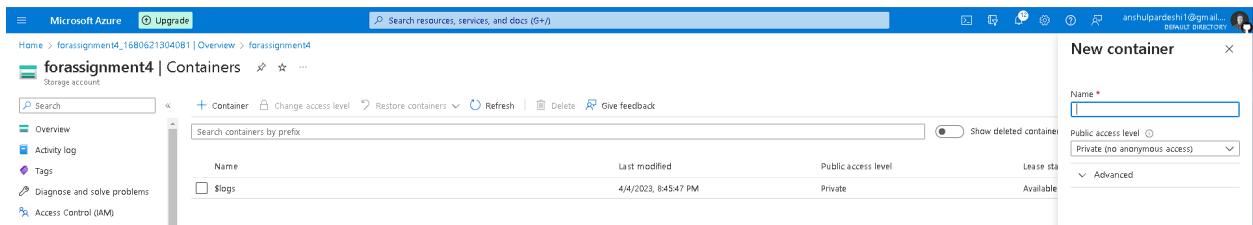
Version-level immutability support Disabled

**Encryption**

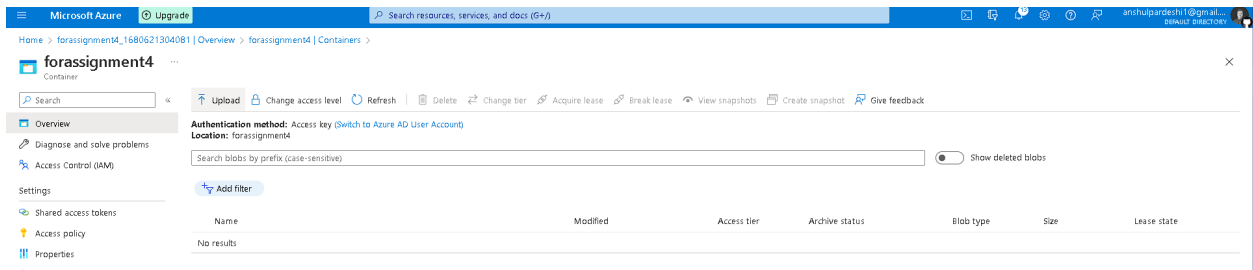
Create < Previous Next > [Download a template for automation](#) [Give feedback](#)

\*\*\* Initializing deployment...  
Initializing template deployment to resource group 'rg1'.

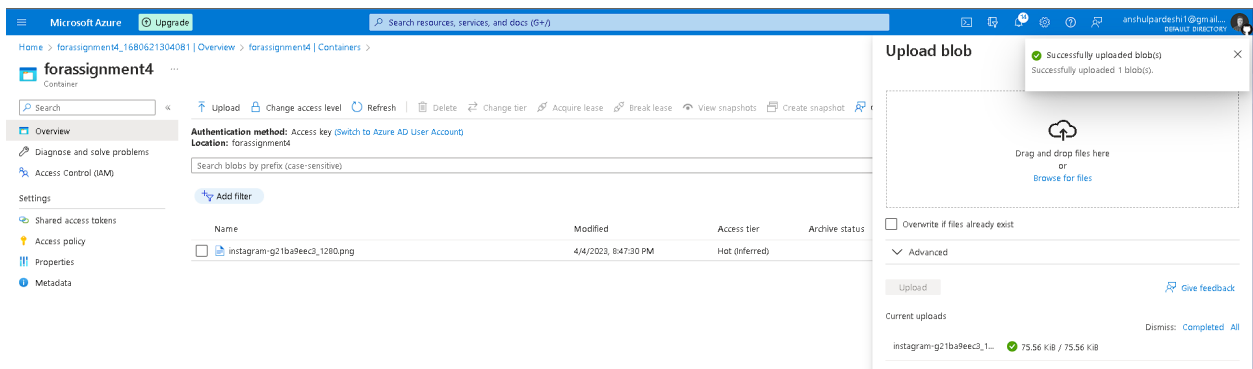
Let us upload a file. Create a container in that storage system.



Click on upload after getting into that container.

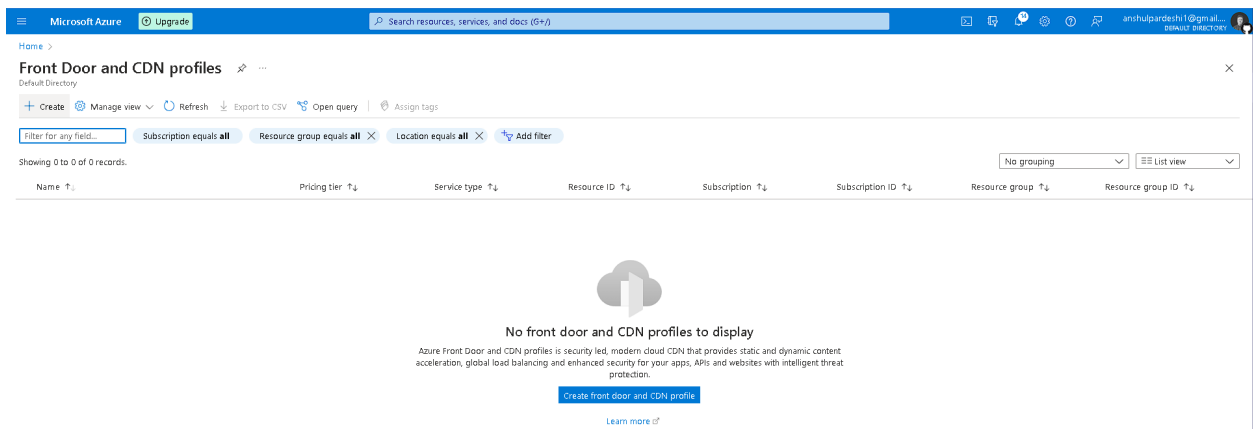


Upload a file.



Now let us create a cdn profile.

Search for CDN in search box. Click on create.



## We will go with Azure CDN standard from Microsoft i.e classic cdn.

The screenshot shows the 'Compare offerings' page in the Microsoft Azure portal. The page title is 'Compare offerings' with a sub-header 'Microsoft Azure'. Below the title, it says 'Choose between Azure Front Door and other offerings.' There are two main sections: 'Azure Front Door' and 'Explore other offerings'. The 'Azure Front Door' section describes it as a secure cloud CDN. The 'Explore other offerings' section lists several options: 'Azure Front Door (classic)', 'Azure CDN Standard from Microsoft (classic)', 'Azure CDN Premium from Verizon', 'Azure CDN Standard from Verizon', and 'Azure CDN Standard from Akamai'. Each option has a brief description of its capabilities.

## Select the resource group and name that CDN. Then click on review and create.

The screenshot shows the 'CDN profile' configuration page in the Microsoft Azure portal. The page title is 'CDN profile'. Below the title, there are tabs for 'Basics', 'Tags', and 'Review + create'. The 'Basics' tab is selected. The page is divided into 'Project details' and 'Profile details' sections. In the 'Project details' section, there are dropdowns for 'Subscription' (Free Trial), 'Resource group' (rg1), and 'Resource group region' (East US). In the 'Profile details' section, there are dropdowns for 'Name' (Forassignment4), 'Region' (Global), and 'Pricing tier' (Microsoft CDN (classic)). There is also a checkbox for 'Create a new CDN endpoint' which is currently unchecked. At the bottom of the page, there are buttons for 'Review + create', '< Previous', and 'Next: Tags >'. A small notification at the bottom right says 'Deployment succeeded'.

## Got to created CDn then add an endpoint.

The screenshot shows the 'Overview' page for a Microsoft.CDN-Profile in the Microsoft Azure portal. The page title is 'Microsoft.CDN-Profile738ccdd-2504-45a0-8882-1d873d3b57ca | Overview'. Below the title, there are tabs for 'Overview', 'Inputs', 'Outputs', and 'Template'. The 'Overview' tab is selected. The page shows the deployment name, subscription, resource group, and start time. There is a 'Deployment details' section with a 'Next steps' button. A small notification at the bottom right says 'Deployment succeeded'.

Fill in the details carefully. Origin selected should be one that we created named as forassignment4.

The screenshot shows the Microsoft Azure portal interface. On the left, a sidebar contains navigation links for Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Settings, Properties, Quickstart, Locks, Monitoring, Alerts, Metrics, Diagnostic settings, Logs, Automation, Tasks (preview), Export template, Help, Resource health, and Support + Troubleshooting. The main content area displays the 'forassignment4' Front Door and CDN profile. The 'Endpoints' section shows a table with columns for Hostname, Status, Protocol, and Origin type, with a message stating 'No endpoints are associated with this profile'. On the right, the 'Add an endpoint' dialog is open, allowing configuration of content delivery behavior and access. The dialog fields are: Name (forassignment4), Origin type (Storage), Origin hostname (forassignment4.blob.core.windows.net), Origin path (/Path), Origin host header (forassignment4.blob.core.windows.net), HTTP port (80), HTTPS port (443), and Optimized for (General web delivery). An 'Add' button is at the bottom of the dialog.

Now that endpoint is created, open the origin and copy the endpoint.

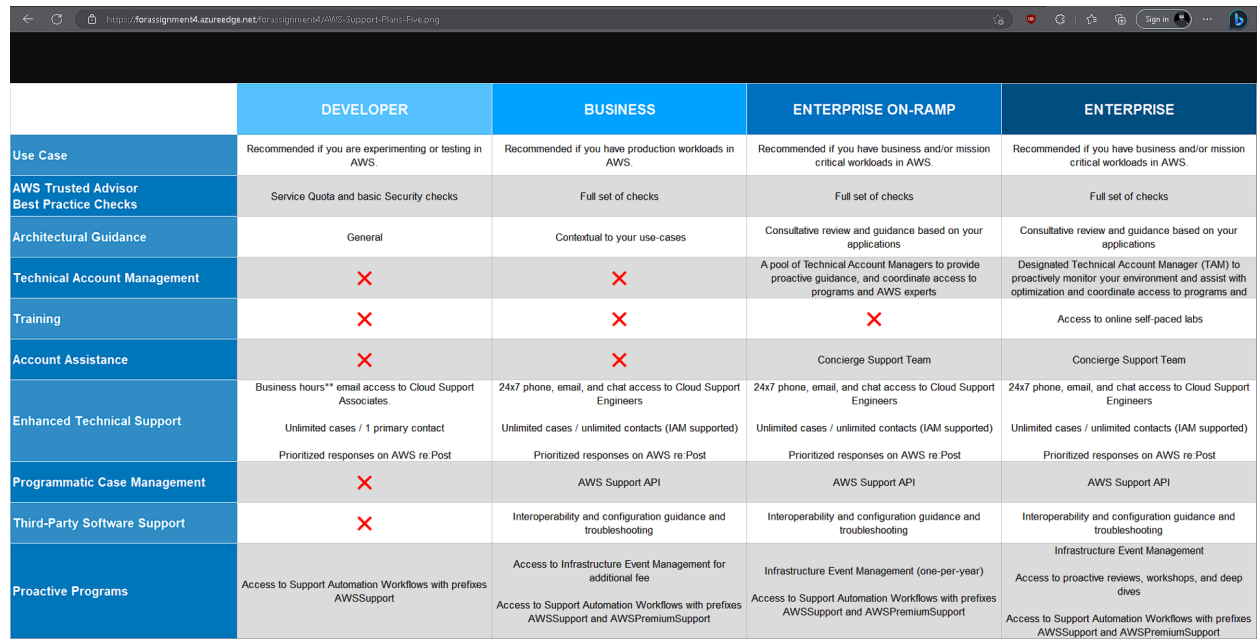
The screenshot shows the Microsoft Azure portal interface for the 'forassignment4 (forassignment4/forassignment4)' endpoint. The left sidebar is the same as in the previous screenshot. The main content area shows the endpoint's 'Overview' tab. The 'Essentials' section displays metadata: Resource group (rg1), Status (Running), Location (Global), Subscription (free Trial), and Subscription ID (5b06583f-9e72-4b4d-9c6b-70f4d85ba0b). The 'Endpoint hostname' is https://forassignment4.azureedge.net and the 'Origin hostname' is https://forassignment4.blob.core.windows.net. The 'Protocols' are HTTP and HTTPS, and the 'Optimization type' is General web delivery. A 'Copied' tooltip is visible over the endpoint hostname. Below this, the 'Custom domains' section shows a table with columns for Hostname, Custom HTTPS, and Details, with a message stating 'There are no custom domains to display'.

To publicly access the files of the container to which this endpoint is connected, make sure that the container is Public.

Copy this endpoint and paste it in browser followed by /<containername>/<file name>

<https://forassignment4.azureedge.net/forassignment4/AWS-Support-Plans-Five.png>

In this case complete link to access the image using endpoint was this.



	DEVELOPER	BUSINESS	ENTERPRISE ON-RAMP	ENTERPRISE
Use Case	Recommended if you are experimenting or testing in AWS.	Recommended if you have production workloads in AWS.	Recommended if you have business and/or mission critical workloads in AWS.	Recommended if you have business and/or mission critical workloads in AWS.
AWS Trusted Advisor Best Practice Checks	Service Quota and basic Security checks	Full set of checks	Full set of checks	Full set of checks
Architectural Guidance	General	Contextual to your use-cases	Consultative review and guidance based on your applications	Consultative review and guidance based on your applications
Technical Account Management	✗	✗	A pool of Technical Account Managers to provide proactive guidance, and coordinate access to programs and AWS experts	Designated Technical Account Manager (TAM) to proactively monitor your environment and assist with optimization and coordinate access to programs and
Training	✗	✗	✗	Access to online self-paced labs
Account Assistance	✗	✗	Concierge Support Team	Concierge Support Team
Enhanced Technical Support	Business hours** email access to Cloud Support Associates Unlimited cases / 1 primary contact Prioritized responses on AWS re:Post	24x7 phone, email, and chat access to Cloud Support Engineers Unlimited cases / unlimited contacts (IAM supported) Prioritized responses on AWS re:Post	24x7 phone, email, and chat access to Cloud Support Engineers Unlimited cases / unlimited contacts (IAM supported) Prioritized responses on AWS re:Post	24x7 phone, email, and chat access to Cloud Support Engineers Unlimited cases / unlimited contacts (IAM supported) Prioritized responses on AWS re:Post
Programmatic Case Management	✗	AWS Support API	AWS Support API	AWS Support API
Third-Party Software Support	✗	Interoperability and configuration guidance and troubleshooting	Interoperability and configuration guidance and troubleshooting	Interoperability and configuration guidance and troubleshooting
Proactive Programs	Access to Support Automation Workflows with prefixes AWSsupport	Access to Infrastructure Event Management for additional fee Access to Support Automation Workflows with prefixes AWSsupport and AWSPremiumSupport	Infrastructure Event Management (one-per-year) Access to Support Automation Workflows with prefixes AWSsupport and AWSPremiumSupport	Infrastructure Event Management Access to proactive reviews, workshops, and deep dives Access to Support Automation Workflows with prefixes AWSsupport and AWSPremiumSupport