



Azure 103 Module 2

Hands On - 17

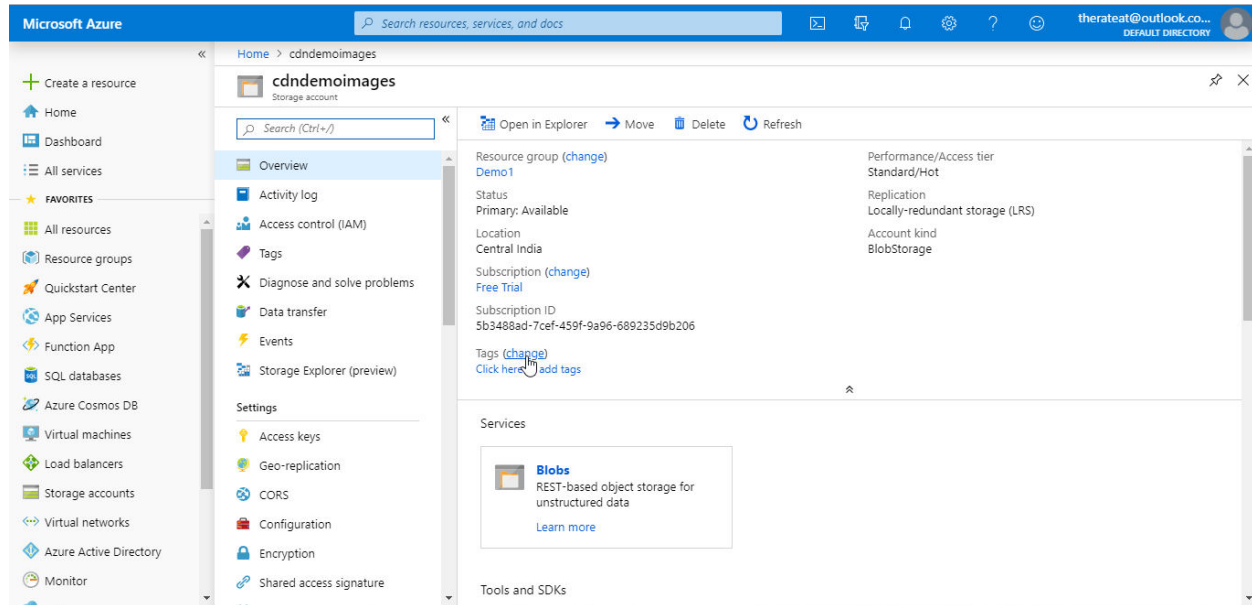
Azure Certification Training

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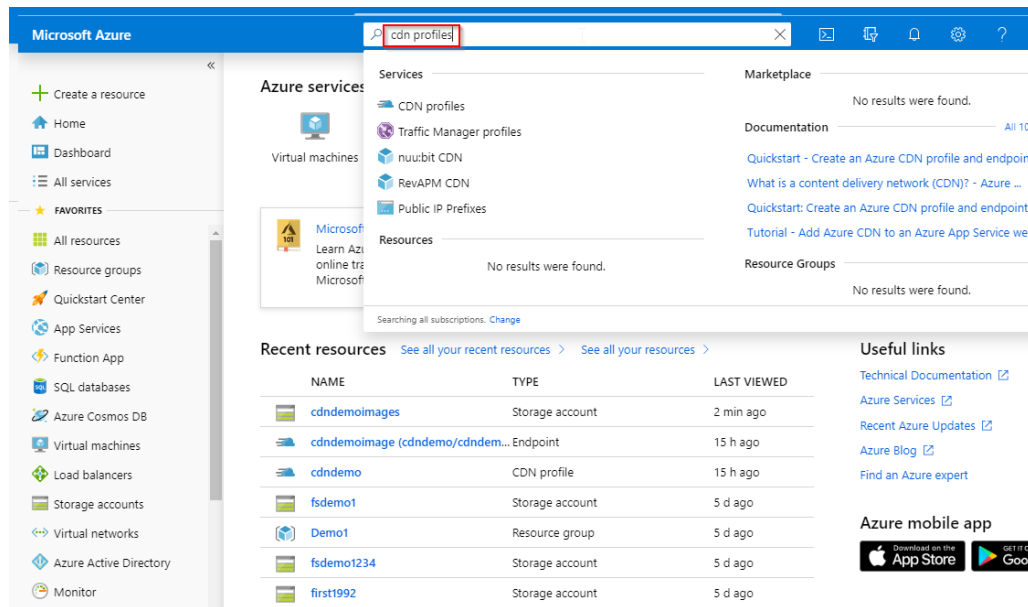
Azure 103 Module 2, Hands On – 17

Creating and using Azure CDN Endpoints

Step 1: Create a storage account for Blob Storage and upload a few images. If you don't know how to create a blob storage, please refer previous hands on about BLOB Storage.



Step 2: In the Azure Portal's Homepage search for CDN Profiles.



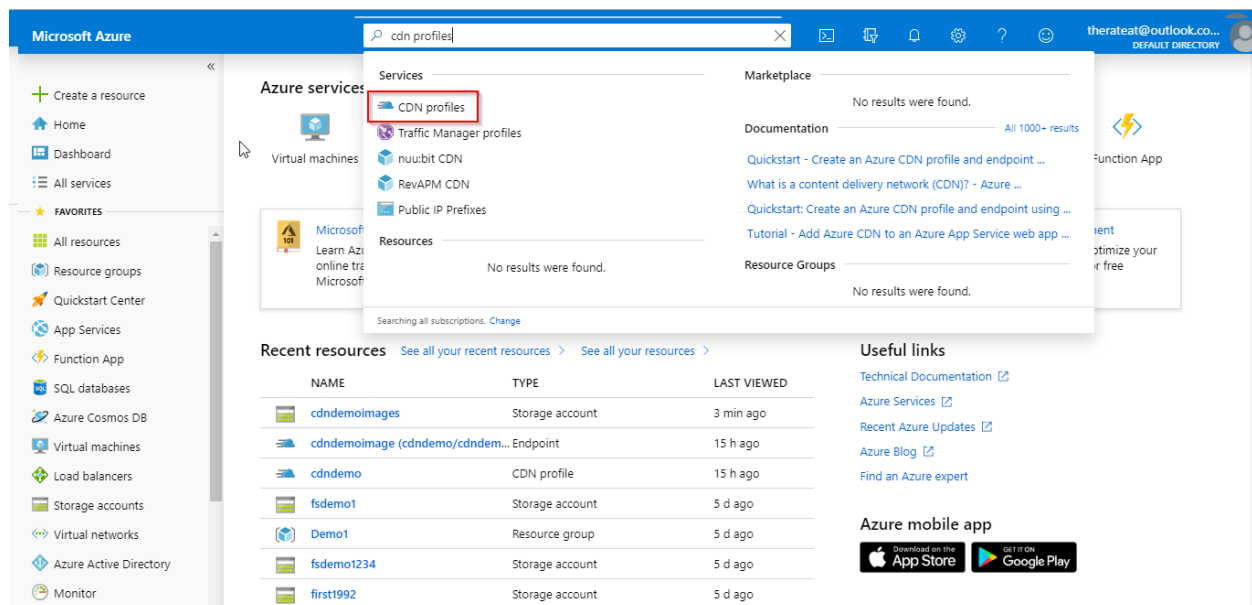
The screenshot shows the Microsoft Azure portal with a search bar at the top containing the text 'cdn profiles'. The search results are displayed in a list format under the 'Services' tab. The results include:

- CDN profiles
- Traffic Manager profiles
- nuubit CDN
- RevAPM CDN
- Public IP Prefixes

Below the search results, there is a 'Recent resources' section with a table listing various resources. The table has columns for NAME, TYPE, and LAST VIEWED.

NAME	TYPE	LAST VIEWED
cdndemoimages	Storage account	2 min ago
cdndemoimage (cdndemo/cdndem...	Endpoint	15 h ago
cdndemo	CDN profile	15 h ago
fsdemo1	Storage account	5 d ago
Demo1	Resource group	5 d ago
fsdemo1234	Storage account	5 d ago
first1992	Storage account	5 d ago

Step 3: Click on CDN Profiles.



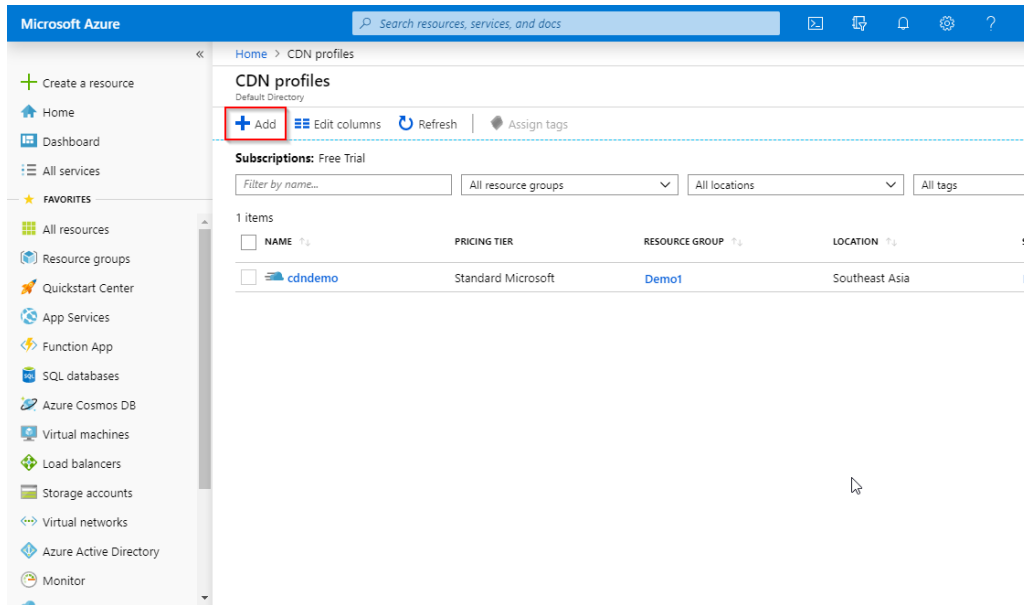
The screenshot shows the Microsoft Azure portal with the search bar still containing 'cdn profiles'. The search results are displayed in a list format under the 'Services' tab. The results include:

- CDN profiles
- Traffic Manager profiles
- nuubit CDN
- RevAPM CDN
- Public IP Prefixes

The 'CDN profiles' service is highlighted with a red box. Below the search results, there is a 'Recent resources' section with a table listing various resources. The table has columns for NAME, TYPE, and LAST VIEWED.

NAME	TYPE	LAST VIEWED
cdndemoimages	Storage account	3 min ago
cdndemoimage (cdndemo/cdndem...	Endpoint	15 h ago
cdndemo	CDN profile	15 h ago
fsdemo1	Storage account	5 d ago
Demo1	Resource group	5 d ago
fsdemo1234	Storage account	5 d ago
first1992	Storage account	5 d ago

Step 4: Click on '+ Add'.



Microsoft Azure

Home > CDN profiles

CDN profiles

Default Directory

+ Add Edit columns Refresh Assign tags

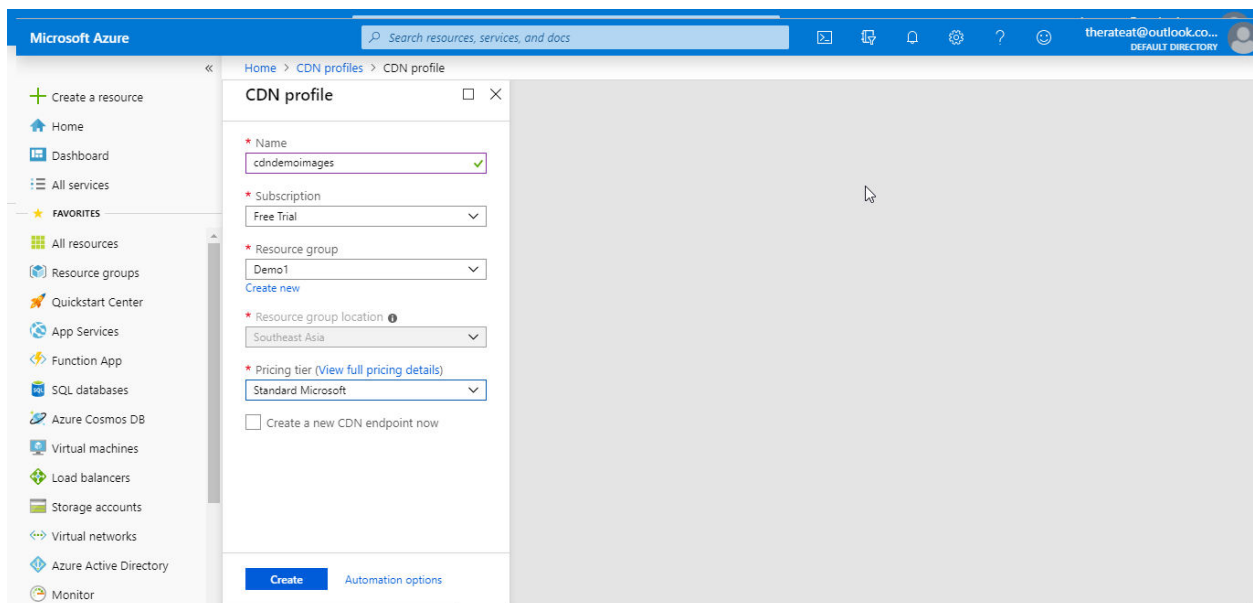
Subscriptions: Free Trial

Filter by name... All resource groups All locations All tags

1 items

NAME	PRICING TIER	RESOURCE GROUP	LOCATION	SU
cdndemo	Standard Microsoft	Demo1	Southeast Asia	Fr

Step 5: Fill the details and click on create.



Microsoft Azure

Home > CDN profiles > CDN profile

CDN profile

* Name: cdndemoimages ✓

* Subscription: Free Trial

* Resource group: Demo1

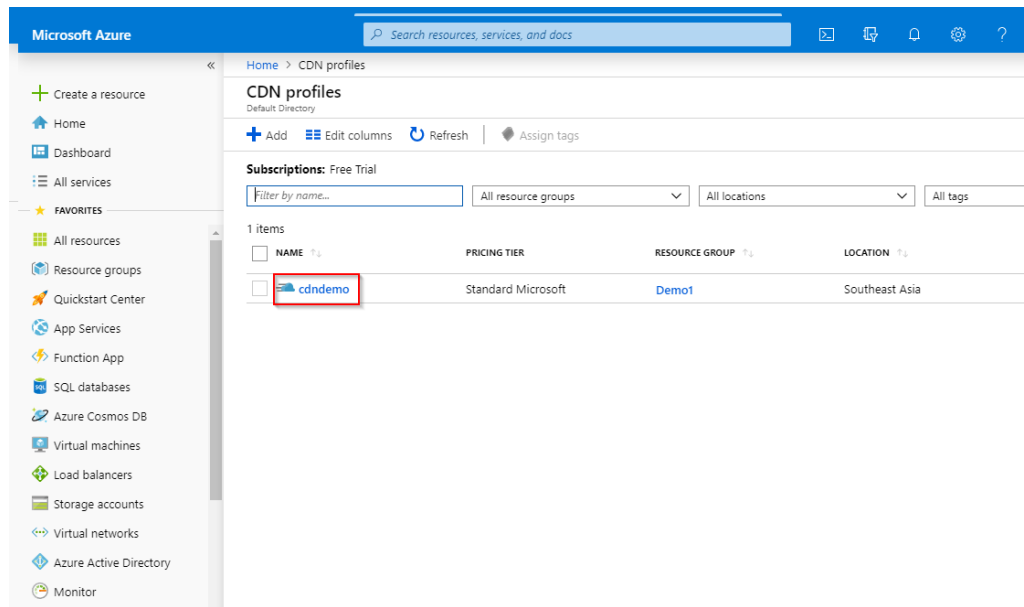
* Resource group location: Southeast Asia

* Pricing tier (View full pricing details): Standard Microsoft

☐ Create a new CDN endpoint now

Create Automation options

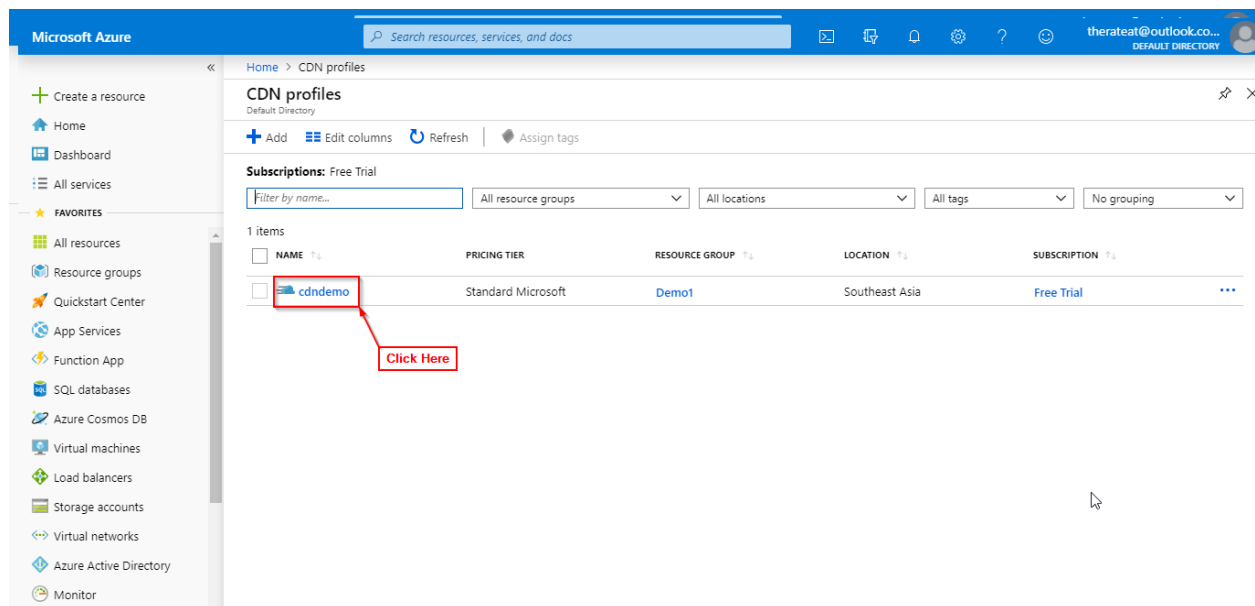
Step 6: Click on the CDN Profile just created.



The screenshot shows the Microsoft Azure portal interface. On the left is a navigation pane with options like 'Create a resource', 'Home', 'Dashboard', 'All services', and 'FAVORITES'. The main area is titled 'CDN profiles' and shows a table with one item, 'cdndemo'. The table has columns for NAME, PRICING TIER, RESOURCE GROUP, and LOCATION. The 'cdndemo' profile is highlighted with a red box.

NAME	PRICING TIER	RESOURCE GROUP	LOCATION
cdndemo	Standard Microsoft	Demo1	Southeast Asia

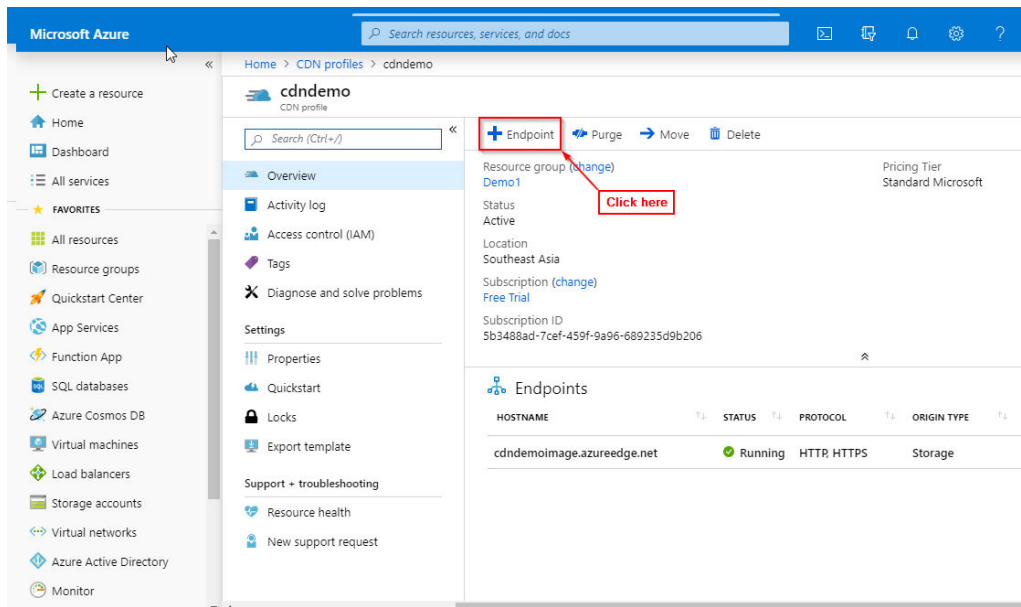
Step 7: Click on the '+ Endpoint'.



The screenshot shows the Microsoft Azure portal interface. On the left is a navigation pane with options like 'Create a resource', 'Home', 'Dashboard', 'All services', and 'FAVORITES'. The main area is titled 'CDN profiles' and shows a table with one item, 'cdndemo'. The table has columns for NAME, PRICING TIER, RESOURCE GROUP, LOCATION, and SUBSCRIPTION. The 'cdndemo' profile is highlighted with a red box. A red arrow points to the '+ Endpoint' button with the text 'Click Here'.

NAME	PRICING TIER	RESOURCE GROUP	LOCATION	SUBSCRIPTION
cdndemo	Standard Microsoft	Demo1	Southeast Asia	Free Trial

Step 8: Enter the details (Select origin type as storage and origin hostname as the URI of the storage file you created in previous steps) and click on add.



Microsoft Azure

Home > CDN profiles > cdndemo

cdndemo
CDN profile

Search (Ctrl+/)

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

Properties

Quickstart

Locks

Export template

Support + troubleshooting

Resource health

New support request

Endpoint

Purge

Move

Delete

Resource group (change)

Demo1

Status

Active

Location

Southeast Asia

Subscription (change)

Free Trial

Subscription ID

5b3488ad-7cef-459f-9a96-689235d9b206

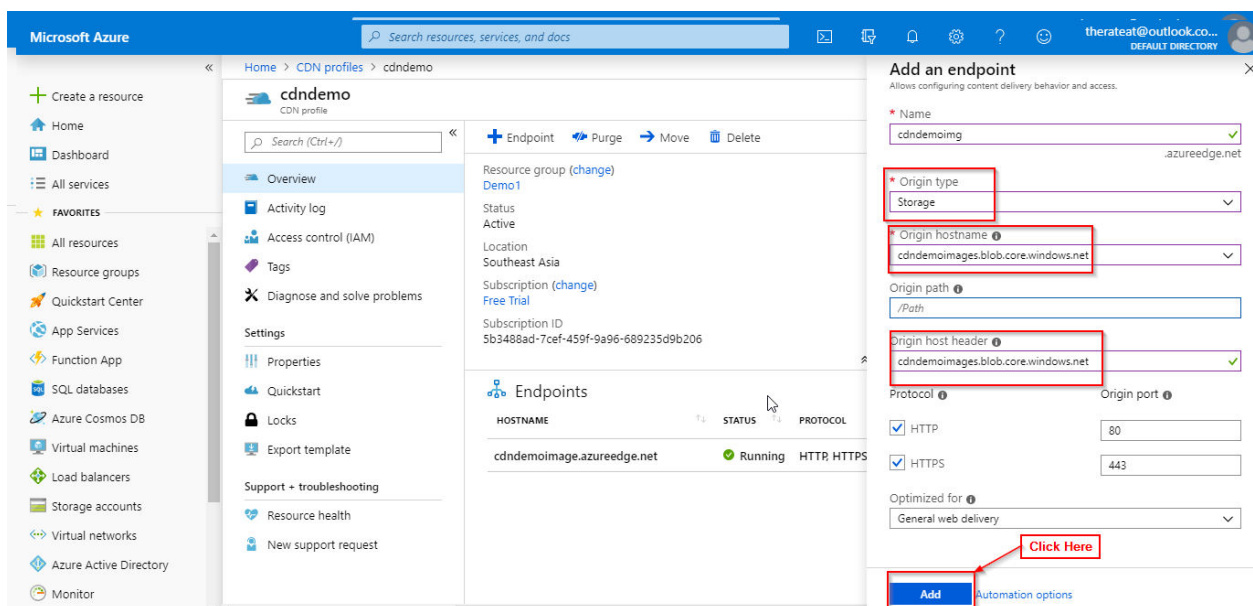
Pricing Tier

Standard Microsoft

Endpoints

HOSTNAME	STATUS	PROTOCOL	ORIGIN TYPE	CL
cdndemoimage.azureedge.net	Running	HTTP, HTTPS	Storage	

Step 9: After the CDN Endpoint is created wait for 10 minutes for the files to propagate on the CDN Network.



Microsoft Azure

Home > CDN profiles > cdndemo

cdndemo
CDN profile

Search (Ctrl+/)

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

Properties

Quickstart

Locks

Export template

Support + troubleshooting

Resource health

New support request

Endpoint

Purge

Move

Delete

Resource group (change)

Demo1

Status

Active

Location

Southeast Asia

Subscription (change)

Free Trial

Subscription ID

5b3488ad-7cef-459f-9a96-689235d9b206

Pricing Tier

Standard Microsoft

Endpoints

HOSTNAME	STATUS	PROTOCOL	ORIGIN TYPE	CL
cdndemoimage.azureedge.net	Running	HTTP, HTTPS	Storage	

Add an endpoint

Allows configuring content delivery behavior and access.

Name

cdndemoimg

Origin type

Storage

Origin hostname

cdndemoimages.blob.core.windows.net

Origin path

/Path

Origin host header

cdndemoimages.blob.core.windows.net

Protocol

HTTP

HTTPS

Origin port

80

443

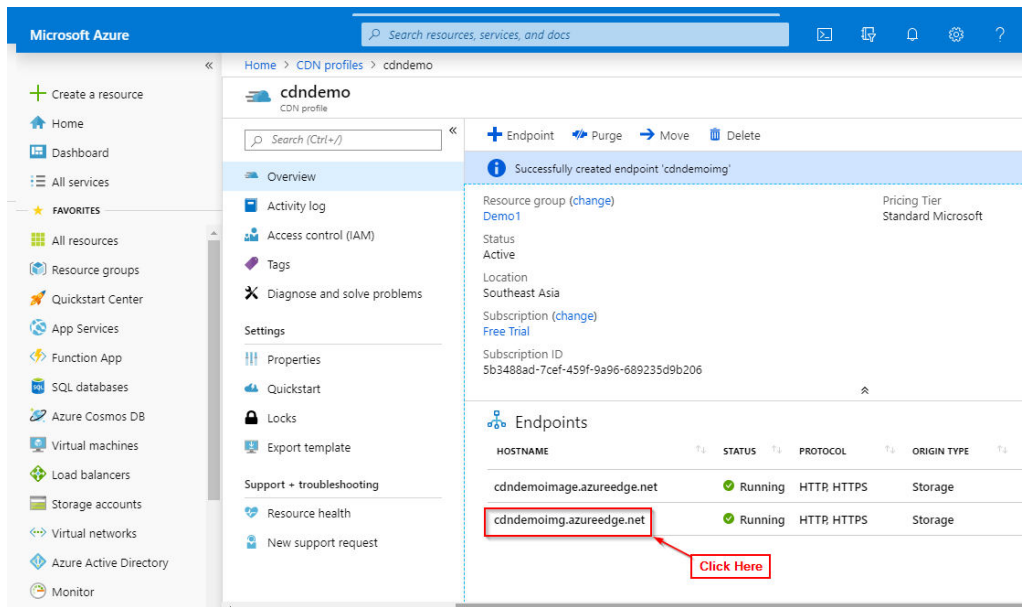
Optimized for

General web delivery

Add

Automation options

Step 10: Click on the CDN endpoint.



Microsoft Azure

Home > CDN profiles > cdndemo

cdndemo
CDN profile

Search (Ctrl+F)

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

Properties

Quickstart

Locks

Export template

Support + troubleshooting

Resource health

New support request

Successfully created endpoint 'cdndemoimg'

Resource group (change)
Demo1

Status
Active

Location
Southeast Asia

Subscription (change)
Free Trial

Subscription ID
5b3488ad-7cef-459f-9a96-689235d9b206

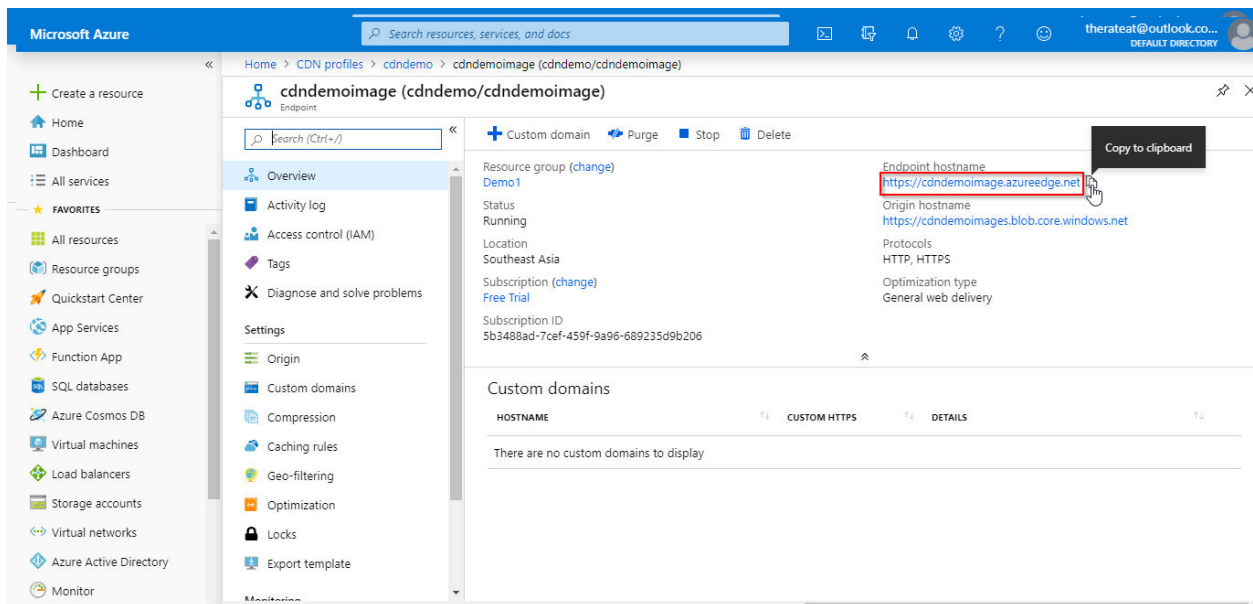
Pricing Tier
Standard Microsoft

Endpoints

HOSTNAME	STATUS	PROTOCOL	ORIGIN TYPE
cdndemoimage.azureedge.net	Running	HTTP, HTTPS	Storage
cdndemoimg.azureedge.net	Running	HTTP, HTTPS	Storage

Click Here

Step 11: Copy the endpoint hostname.



Microsoft Azure

Home > CDN profiles > cdndemo > cdndemoimage (cdndemo/cdndemoimage)

cdndemoimage (cdndemo/cdndemoimage)
Endpoint

Search (Ctrl+F)

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

Origin

Custom domains

Compression

Caching rules

Geo-filtering

Optimization

Locks

Export template

Custom domain

Purge

Stop

Delete

Resource group (change)
Demo1

Status
Running

Location
Southeast Asia

Subscription (change)
Free Trial

Subscription ID
5b3488ad-7cef-459f-9a96-689235d9b206

Endpoint hostname
<https://cdndemoimage.azureedge.net>

Origin hostname
<https://cdndemoimages.blob.core.windows.net>

Protocols
HTTP, HTTPS

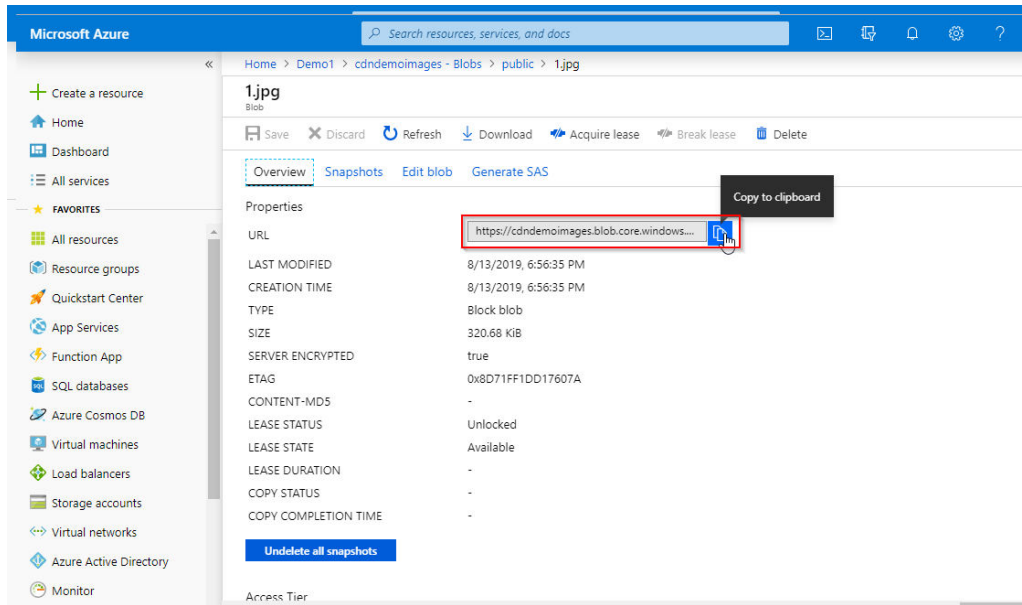
Optimization type
General web delivery

Copy to clipboard

Custom domains

HOSTNAME	CUSTOM HTTPS	DETAILS
There are no custom domains to display		

Step 12: Open the blob storage copy the file URI.



Step 13 Replace the BLOB container URI with the CDN URI.

