

Setup Key Vault in Modymix subscription:

- 1) MS online reference: <https://learn.microsoft.com/en-us/azure/key-vault/general/quick-create-portal>
- 2) Key Vault Info in Azure portal

mm-blob-storage-key Key vault

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Essentials

Resource group (move) : [ModymixWeb_group](#)

Location : East US

Subscription (move) : [modymix_subscription](#)

Subscription ID : fa20c3fb-039d-446a-ae78-4db01ef34bae

Vault URI : <https://mm-blob-storage-key.vault.azure.net/>

Sku (Pricing tier) : Standard

Directory ID : 4821e563-e48c-4c0e-8cdc-7fae55956d6d

Directory Name : Default Directory

Soft-delete : [Enabled](#)

Purge protection : [Disabled](#)

Tags (edit) : [Add tags](#)

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Access configuration

Permission model : Azure role-based access control

Resource access : No access enabled

Networking

Public network access : Enabled

Firewalls and virtual networks : Access allowed from all networks

Private endpoint connections : Not configured

Figure 1

- 3) Add Azure Blob Storage connection string as secret to the Key Vault (Figure 2)

mm-blob-storage-key | Secrets Key vault

Search + Generate/Import Refresh Restore Backup Manage deleted secrets View sample code

Name	Type	Status
mm-blob-connection-string		✓ Enabled

Figure 2

- 4) Assign the RBAC permission to access key vault (Figure 3)

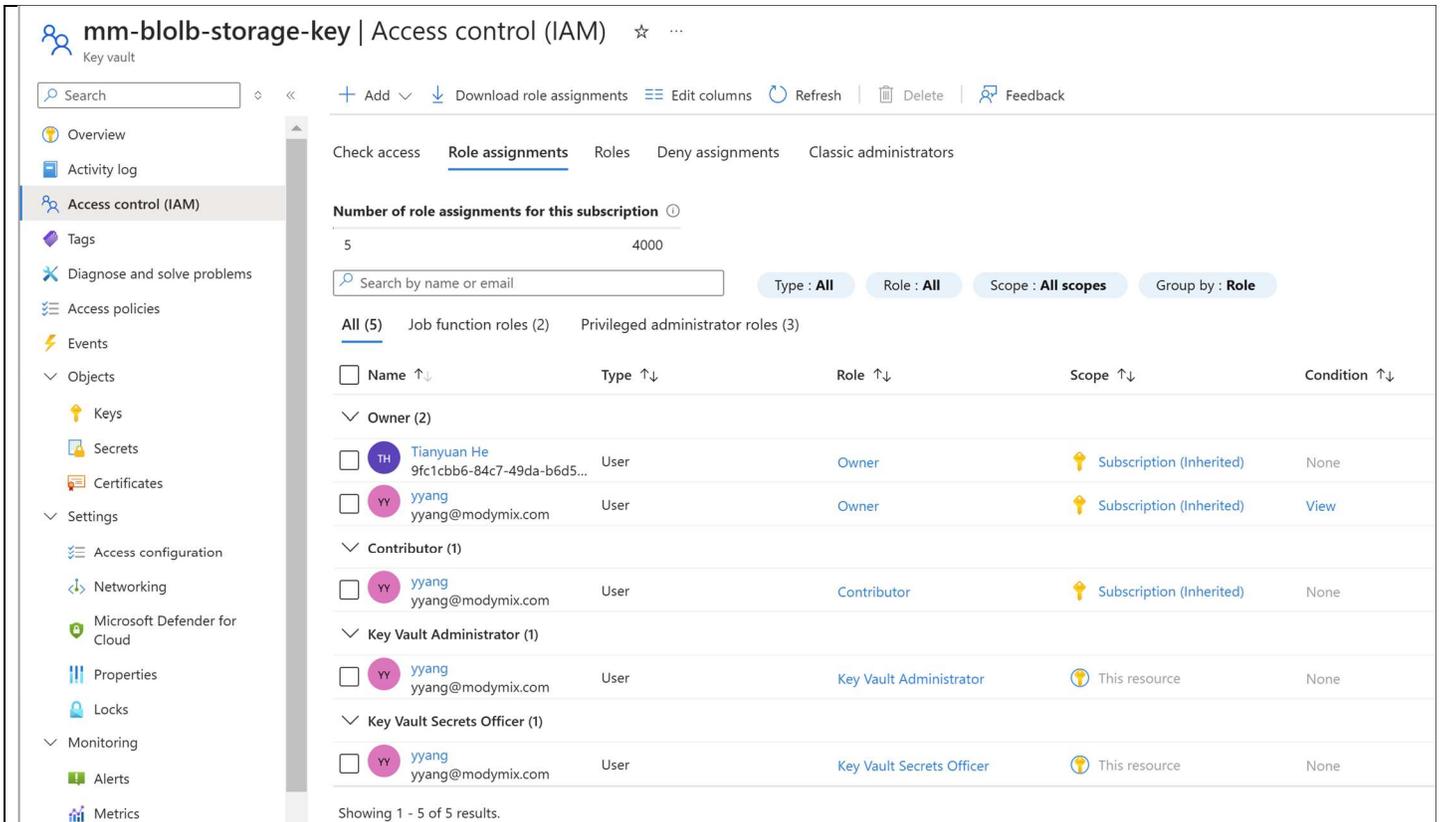


Figure 3

- 5) I am working on the ASP.NET core web app on local machine. The Microsoft logon account is yyanghm@hotmail.com. When executing following test code, I assume that the "DefaultAzureCredential" will be linked to "yyanghm@hotmail" account. This account already have assigned permission to access key value. I could not figure out why the error 403 (permission denied) occurred.

```
string secretName = "mm-blob-connection-string";

var kvUri = $"https://mm-blob-storage-key.vault.azure.net/";

var client = new SecretClient(new Uri(kvUri), new DefaultAzureCredential());

var secret = client.GetSecret(secretName);
```