

Creating DataBricks Azure Key Vault Secret Scope Backend using Rest Api and DataBricks CLI

 stackoverflow.com/questions/73743299/creating-databricks-azure-key-vault-secret-scope-backend-using-rest-api-and-data

Asked 5 months ago

Modified 5 months ago

Viewed 475 times

 Part of [Microsoft Azure](#) Collective

1



I am trying to create the secret scope which is backend by azure key vault so when I tried with secret api, I got an error has

Input:

```
response = requests.post(
    'https://%s/api/2.0/secrets/scopes/create' % (DOMAIN),
    headers={'Authorization': 'Bearer %s' % TOKEN},
    json={"scope": "my-simple-azure-keyvault-scope",
        "scope_backend_type": "AZURE_KEYVAULT",
        "backend_azure_keyvault":
        {
            "resource_id": "/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-
xxxxxxxxxxxx/resourceGroups/azure-rg/providers/Microsoft.KeyVault/vaults/my-azure-
kv",
            "dns_name": "https://my-azure-kv.vault.azure.net/"
        },
        "initial_manage_principal": "users"
    })
```

Output:

```
{
  "error_code": "INVALID_PARAMETER_VALUE",
  "message": "Scope with Azure KeyVault must have userAADToken defined!"
}
```

I tried with Different method which is Databricks Cli for that I faced a error, So I created a Secret scope using databricks UI and tried to access through cli

Input:

```
databricks configure --token
Databricks Host (should begin with https://): https://adb-...azuredatabricks.net/
Token:
```

```
D:\Users\>databricks secrets list-scopes
```

Output:

```
Error: b'Bad Request'
```

In Cmd prompt

Is there a way to get AAD token, I have implemented [Microsoft documents](#) for getting token but didn't work

edited Sep 16, 2022 at 12:12

asked Sep 16, 2022 at 10:16



Syamala Kumar Rama Koti Reddy

3133 bronze badges

- please refer this [learn.microsoft.com/en-us/azure/databricks/security/secrets/...](https://learn.microsoft.com/en-us/azure/databricks/security/secrets/) – [Venkatesan Sep 16, 2022 at 10:54](#).
- Can you please update the question with more details? How are you calling or getting the error in option 1 and what is the command you are using in option 2? – [SK. Sep 16, 2022 at 11:53](#)
- @Venkatesan I have tried that method only then I got the error that to use AAD token – [Syamala Kumar Rama Koti Reddy Sep 16, 2022 at 12:13](#)
- @SimpalKumar I have edited the question and provide the sample code which I tried – [Syamala Kumar Rama Koti Reddy Sep 16, 2022 at 12:14](#).
- How are you generating the bearer token? – [SK. Sep 16, 2022 at 13:04](#)

[Show 1 more comment](#)

1 Answer

0



This is well known limit described in the [documentation](#) linked in the comment - you must use user's AAD token to create a secret scope backed by the Azure KeyVault.

The simplest way to create a secret scope is not to use API, but instead use the Databricks CLI - there is a command to create a secret scope:

```
databricks secrets create-scope --scope <scope-name> \
  --scope-backend-type AZURE_KEYVAULT --resource-id <azure-keyvault-resource-id> \
  --dns-name <azure-keyvault-dns-name>
```

You also don't even need to configure CLI - specify `DATABRICKS_HOST` and `DATABRICKS_TOKEN` environment variables, like this:

```
export DATABRICKS_TOKEN=$(az account get-access-token -o tsv --query accessToken -
-resource 2ff814a6-3304-4ab8-85cb-cd0e6f879c1d)
export DATABRICKS_HOST=https://adb-....azuredatabricks.net
```

Note that here we're getting user's AAD token by using `az account get-access-token` command from Azure CLI (make sure you did `az login` before)

answered Sep 17, 2022 at 9:43






[Alex Ott](#)

74.2k88 gold badges8484 silver badges122122 bronze badges

[Add a comment](#)

Your Answer

Sign up or [log in](#)

-  Sign up using Google
-  Sign up using Facebook
-  Sign up using Email and Password

Post as a guest

Required, but never shown

By clicking “Post Your Answer”, you agree to our [terms of service](#), [privacy policy](#) and [cookie policy](#).

Not the answer you're looking for? Browse other questions tagged [pythonazureazure-databricksazure-keyvault](#) or [ask your own question](#).
