

Refresh Data Factory Managed Identity after changing subscription between tenants

Last updated by | Veena Pachauri | Jan 16, 2023 at 3:32 AM PST

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Issue

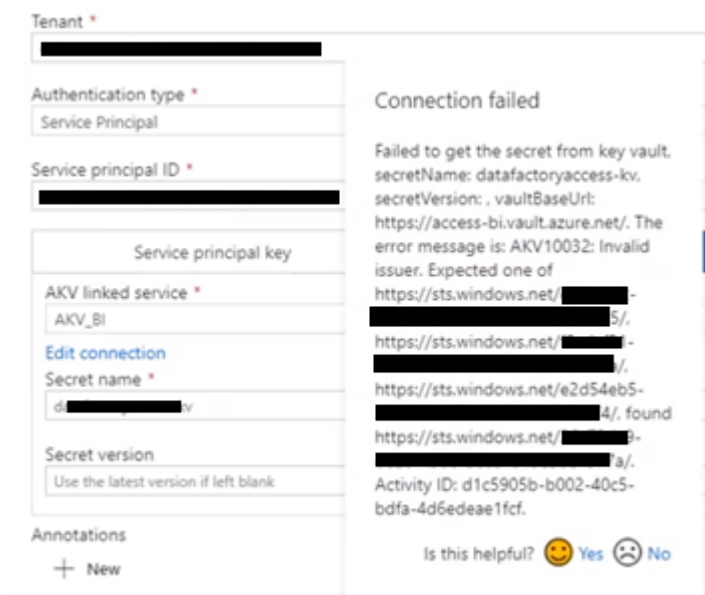
User changed between tenants and after that some connections in ADF starts to fail with the general error:

Error 1)


Access to https://<my_data_lake>.azuredatalakestore.net/webhdfs/v1/ is denied. Make sure the ACL and firewall rule is correctly configured in the Azure Data Lake Store account. Service request id: <request id>
Response details: {'error':{'code':'AccessTokenFromWrongTenant','message':'The access token is from the wrong tenant 'xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx'. It must match the tenant 'yyyyyyyy-yyy-yyy-yyy-yyy-yyyyyyyyyyyy' associated with the Azure Data Lake account '<my_data_lake>'. Trace: xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx Time: 2019-10-14T01:01:11.6217712-07:00'}} The remote server returned an error: (403) Forbidden. Activity ID: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX.

Error 2 (if customer uses key vault)

Failed to get the secret from key vault, secretName: <...>, secretVersion: <...>, vaultBaseUrl: <...>. The error message is: AKV10032: Invalid issuer. Expected one of <https://sts.windows.net/> < new customer's Tenant ID>, <https://sts.windows.net/> < tenant id 2>, <https://sts.windows.net/> < tenant id 3>, found <https://sts.windows.net/> < old customer's Tenant ID>



Resolution

The user must refresh the managed identity via PowerShell command Set-AzDataFactoryV2 (at the moment, it's present in: <https://docs.microsoft.com/en-us/powershell/module/az.datafactory/Set-AzDataFactoryV2> ).

CSS have to check if customer's data factory has repo configuration set or not. If not, just execute

```
Set-AzDataFactoryV2 -ResourceGroupName "ADF" -Name "WikiADF" -Location "WestUS"
```

and the managed identity will be refreshed. If the user does have repo configuration set, execute

```
Get-AzDataFactoryV2 -ResourceGroupName "ADF" -Name "WikiADF" | Set-AzDataFactoryV2 -AccountName msdata -RepositoryName ADFRepo -CollaborationBranch master -RootFolder / -ProjectName "Azure Data Factory"
```

A warning message will be printed saying that all resources will be lost, but the user can confirm, because none resource is actually lost. In any case, export the ARM templates before refreshing the managed identity.

Additional Information:

- **Icm References:**
- **Author:** ganespol
- **Reviewer:** vimals
- **Keywords:**

How good have you found this content?



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