Moving Server & Databases with AAD authentication enabled to a different tenant

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Issue

There are several Azure resources that have a dependency on a subscription or a directory. Therefore in certain scenarios, when moving a subscription from one Azure Active Directory (AAD) tenant to another AAD tenant there are certain impacts and considerations that must be taken into account.

One such case is moving **SQL server/databases** with **AAD authentication integration enabled**. As stated in the [understand the impact of transferring a subscription](#) ⧉ section of the documentation it is not possible to perform this transfer directly. However, there is an alternative method that can be used to achieve this.

List the AAD authentication integration enabled databases

To generate a list SQL databases with AAD authentication enable:

```
az sql server ad-admin list --ids $(az graph query -q 'resources | where type == "microsoft.sql/servers" | pro
```

Transfer method

The following steps can be used to move a SQL server with AAD authentication enabled to a different tenant:

1. If there is AAD Authentication only enabled, disable it.
2. Add the SQL logins and users who should be able to authenticate to each database in the server.
3. Check if the logins with the SQL authentication is working fine and, if yes, remove the AAD administrator from the server.
4. Move the SQL server to the other tenant.
5. Reconfigure AAD after the moving the server, by adding a new AAD administrator.
6. The AAD principals of the old tenant are invalid in the new tenant, so it might be necessary to remove them and add the new principals.

Public Doc Reference

[Transfer an Azure subscription to a different Azure AD directory](#) ⧉
[Use Azure Active Directory authentication](#) ⧉

Internal Reference

Associated IcM: [295133993 - Move SQL to another AAD tenant](#) ⧉

Root Cause Classification

Cases resolved by this TSG should be coded to the following root cause:
Azure SQL v3/CRUD/Server/Move between subscriptions

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