Unable to Add AAD Admin to Server - Server Name Invalid

Last updated by | Vitor Tomaz | Feb 18, 2021 at 2:30 AM PST

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Unable to Add AAD Admin to Server - Server Name Invalid

Issue

Accessing SQL Database using Azure AD - Users unable to add AAD Administrator from Portal because the server name is Invalid.

Cause

This is a known issue that will be fixed in the near future.

Workaround/Mitigation

The following ARM based PS workaround should help in the meantime to address.

Following can be used by Customer.

```
----
Import-Module Azure
$tenantId = '<server_tenant_id>' # of the AAD directory

$administratorType="ActiveDirectory";

$login="amagarwa@microsoft.com"; # change this to a fake user login

$sid="<objectid>";# ObjectID of the AAD admin

$clientId = '1950a258-227b-4e31-a9cf-717495945fc2' // Microsoft client id # statis ID

$subscriptionId = 'server_sub_id' #server subscription ID

$uri = "urn:ietf:wg:oauth:2.0:oob"

$authUrl = "https://login.windows.net/$tenantId"

$serverName = "<servername>"

$resourceGroupName="Server_resource_group_name"

Login-AzureRmAccount -tenantId $tenantId

$AuthContext =
[Microsoft.IdentityModel.Clients.ActiveDirectory.AuthenticationContext]$authUrl

$result = $AuthContext.AcquireToken("https://management.core.windows.net/",
$clientId,
[Uri]$uri,
[Microsoft.IdentityModel.Clients.ActiveDirectory.PromptBehavior]::Auto)

$authHeader = @{
'Content-Type'='application\json; '
'Authorization'=$result.CreateAuthorizationHeader()
}

$body = @{
    properties = @{
            administratorType = $administratorType
            login = $login
            sid = $sid
            tenantId = $tenantId
  }

} | ConvertTo-Json

Invoke-RestMethod -Uri "https://management.azure.com/subscriptions/$subscriptionId/resourceGroups/$resourceGro

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```

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Public Doc reference

https://docs.microsoft.com/en-us/azure/sql-database/sql-database-aad-authentication-configure?tabs=azure-powershell ↗

Internal Reference

[AAD] Customer not able to add AAD Admin from portal as server name is invalid

Classification

Root cause Tree - Connectivity/AAD Issue/AAD User Configuration issues

How good have you found this content?