

Security - AAD - Azure PowerShell cmdlets migration to Microsoft Graph

Last updated by | Vitor Tomaz | Feb 24, 2023 at 3:24 AM PST

Contents

- [Issue](#)
- [Investigation/Analysis](#)
- [Mitigation](#)
- [RCA Template \(optional\)](#)
- [More Information \(optional\)](#)
- [Internal Reference \(optional\)](#)
- [Root Cause Classification](#)

Issue

We have a case 2206210040007623 on which a customer is building a pipeline and reporting that the PowerShell cmdlet "Set-AzSqlServer" from the Az.Sql module is still using the Azure AD Graph API endpoint instead of Microsoft graph API.

Investigation/Analysis

This is creating a problem as it appears that customers can no longer set permissions in the AD graph. I was able to reproduce the issue in my personal subscription and attached all the steps on the one-note file attached.


Mitigation

We need to recommend customers use Azure CLI as a workaround until we have a permanent fix rolled out.

RCA Template (optional)



This is a known issue, the AD graph API we are using is deprecated. Product group Engineers are working on moving this to MS Graph API.


More Information (optional)

I also scanned some of the issues logged on [GitHub](#)  and found this one which has the same behavior although is for a different cmdlet "Set-AzSqlServerActiveDirectoryAdministrator"

Internal Reference (optional)

ETA August-September. This is dependent on Azure Power Shell deployment, once code changes are deployed this will be aligned with the Azure SQL DB release.

Repair Task [1877715](#) : Set-Server with identity PS, calls AAD graph, should be calling MS graph - Boards (visualstudio.com )

Master ICM - Incident-[321356804](#)  to link with similar cases reported by customers to collect the case data.

Thanks, @Luis from CSS for providing all details on the issue and analysis. Thanks, @Amol from PG for your prompt response and review.

Root Cause Classification

Azure SQL DB/Security/AAD/Product Known Limitation

How good have you found this content?

