

Create server with Azure AD-only authentication enabled in Azure SQL

Last updated by | Vitor Tomaz | Jun 8, 2022 at 5:34 AM PDT

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New feature:

The Azure AD-only authentication feature discussed in this article is in public preview. For detailed information about this feature, see [Azure AD-only authentication with Azure SQL](#). Azure AD-only authentication is currently not available for Azure Synapse Analytics

Prerequisites:



- Az 6.1.0 module or higher is needed when using PowerShell.
- If you're provisioning a managed instance using PowerShell or Rest API, a virtual network and subnet needs to be created before you begin. For more information, see [Create a virtual network for Azure SQL Managed Instance](#).

Permissions

- To provision an Azure SQL logical server or managed instance, you'll need to have the appropriate permissions to create these resources. Azure users with higher permissions, such as subscription Owners, Contributors, Service Administrators, and Co-Administrators have the privilege to create a SQL server or managed instance. To create these resources with the least privileged Azure RBAC role, use the SQL Server Contributor role for SQL Database and SQL Managed Instance Contributor role for Managed Instance.
- The SQL Security Manager Azure RBAC role doesn't have enough permissions to create a server or instance with Azure AD-only authentication enabled. The SQL Security Manager role will be required to manage the Azure AD-only authentication feature after server or instance creation.

Update Existing Configuration:

To change the existing properties after server or managed instance creation, other existing APIs should be used.

See [Managing Azure AD-only authentication using APIs](#)  and [Configure and manage Azure AD authentication with Azure SQL](#)  for more information.

More Information (optional)

Detailed information/background that may be useful but isn't strictly required for troubleshooting. Often this is the "verbose" details that one usually doesn't need

Public Doc Reference (optional)

- [Create server with Azure AD only Authentication enabled in Azure SQL](#) 

Internal Reference (optional)

- Creating a server or instance with Azure AD-only authentication enabled during provisioning isn't supported when using the Azure CLI or Azure portal during this preview.

Root Cause Classification

Cases resolved by this TSG should be coded to the following root cause:

<Root cause path>

How good have you found this content?

