Server

Last updated by | Charlene Wang | Dec 5, 2022 at 1:55 AM PST

Contents

- Logical server
- UMI as a server identity is supported now

Logical server

A logical server is a logical construct that acts as a central administrative point for a collection of databases. At the logical server level, you can administer logins, firewall rules, auditing rules, threat detection policies, and auto-failover groups.

When you create a logical server, you provide a server login account and password that has administrative rights to the master database on that server and all databases created on that server. This initial account is a SQL login account. Azure SQL Database supports SQL authentication and Azure Active Directory Authentication for authentication. Windows Authentication is not supported.

Read below doc for further details:

What is a logical SQL server in Azure SQL Database ⧉

Manage servers, databases, and firewalls ⧉

## UMI as a server identity is supported now

Managed identities for Azure resources eliminate the need to manage credentials in code. You can use them to get an Azure Active Directory (Azure AD) token for your applications. The applications can use the token when accessing resources that support Azure AD authentication.

Azure Active Directory (Azure AD) supports two types of managed identities: system-assigned managed identity (SMI) and user-assigned managed identity (UMI). For more information, see Managed identity types ⧉.

Previously, only an SMI could be assigned to the Azure SQL Managed Instance or SQL Database server identity. Now, a UMI can be assigned to SQL Managed Instance or SQL Database as the instance or server identity.

There are several benefits ⧉ of using a user-assigned managed identity as a server identity.

To create an Azure SQL server with a user-assigned managed identity (UMI ⧉), follow details in Create an Azure SQL Server with a user-assigned managed identity ⧉

To retrieve the current UMI(s) or SMI for Azure SQL Managed instance or Azure SQL Database, see Get or set a managed identity for a logical server or managed instance ⧉.

How good have you found this content?