

Connect via Linked Server

Last updated by | Vitor Tomaz | Jun 8, 2022 at 5:36 AM PDT


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Self-help content presented in Azure Portal

(This content was shown to the customer during case submission. It's also visible on 'Diagnose and solve problems' blade.)




Resolve issues with linked servers

Azure SQL Managed Instance lets you directly execute the queries on other Managed Instances, Azure SQL Database, and SQL Servers using [linked server technology](#) .




To resolve issues with linked servers, specifically, issues with querying remote data using linked servers or if you're getting the error "Server is not found or not accessible error," use the following guidance.

Common issues and solutions

If you're experiencing issues with querying remote data using linked servers, do the following:


- Check the [linked server constraints](#)  in Managed Instances to see if you're using an unsupported feature (for example, connection to SSAS, Oracle, MySQL, and other unsupported data sources).
- Check if the **remote access** and **show advanced** options are enabled in the [sys.configurations](#)  view.
- Check that you've correctly created the linked server with the correct remote server name/IP address, port, and account information (username and password).
- Make sure that you're using SQL Server Authentication or one of the supported [Azure Active Directory authentication options available for linked servers](#) .

If you're getting the error message, "Server is not found or not accessible error", check whether you can reach the remote server from Managed Instance:

- Check connectivity to the remote server by using [How-to test TCP connectivity from a SQL Managed Instance](#) . Confirm that the DNS resolution is correct and that the port is reachable.
- If the port isn't reachable, confirm that it's added in the [Outbound security rules](#)  of the Network Security Group that controls the access in your Managed Instance. You also need to have matching inbound rules in target network.
- Check that you're using Distributed Transaction, because [MS DTC is not supported](#)  in Managed Instance.

- Script the linked server that you're using on Managed Instance, set up the identical linked server on SQL Server, and try to run the query there. If possible, try to place SQL Server in Azure Virtual machine in the same VNet where your Managed Instance is placed (in the different subnet) to ensure that you have a similar networking environment.

Resources

- [Linked server database engine](#) 
- [Set up linked server in Managed Instance](#) 

How good have you found this content?



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