



At the highest level, in Proxy mode, all connections are proxied through the gateway. In Redirect mode, after the connection is established and is using the gateway (`redirect-find-db` in the preceding figure), the connection can connect directly to the database or managed instance.

The direct connection (redirect) allows for reduced latency and improved throughput. But it also requires opening more ports to allow inbound and outbound communication in the range of 11000 to 11999.

In the next exercise, you'll be exposed to some commands for configuring Azure SQL with the Azure CLI. Then, you'll dive into evaluating the proxy and redirect connection policies.

Knowledge check

1. If Data max size in Azure SQL Database is 10 GB, what's the maximum transaction log size? *

☐ 1 GB

☒ 3 GB

✓ The transaction log is managed over and above the data size, and the log's maximum size is always 30 percent of Data max size.

☐ 5 GB

☐ 10 GB

2. What's the default connection policy for Azure SQL Database and Azure SQL Managed Instance? *

☐ Proxy for all connections

☐ Redirect for all connections

☐ Proxy for connections within Azure and redirect for connections outside Azure

☒ Proxy for connections outside Azure and redirect for connections within Azure

✓ Redirect can be used by default because the ports needed are open within Azure.

Next unit: Exercise - Configure Azure SQL Database

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