

Data Gateway – Direct Access highlights:

- Direct access allows apps in Qlik Cloud Analytics Services to securely retrieve on-premise data or data on a virtual private server, via a data gateway, on an https connection.
- Supports various authentication methods (Local, Active Directory, SAML/Auth0, Qlik Cloud ID).

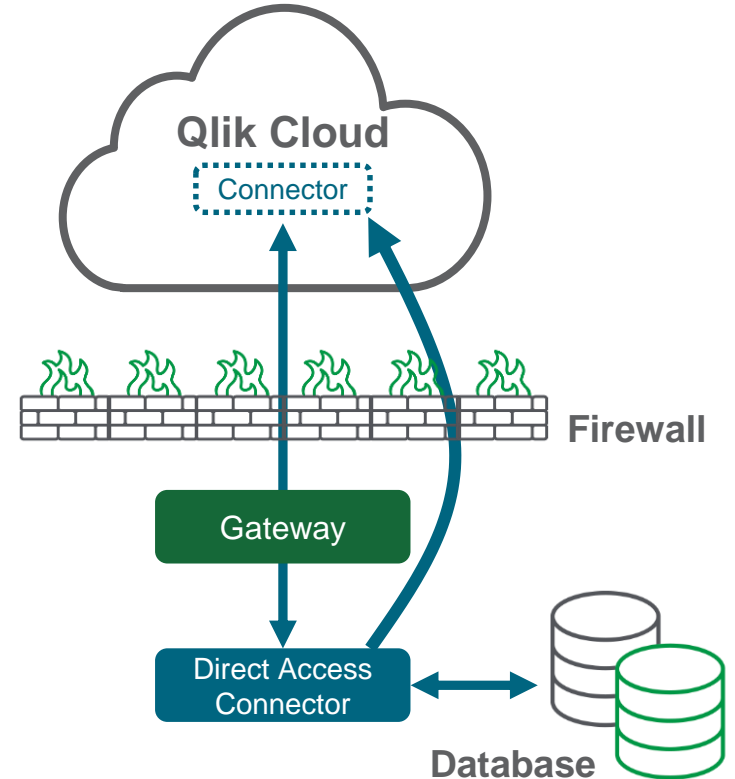
TIP: Data Gateway runs as a Windows service. When using Windows integrated security, the Data Gateway service account will require permission to access the database(s).

- The Data Gateway can be assigned to a shared or managed space in the Qlik Cloud tenant:
 - Anyone with connection user permissions in a Gateway space can use Gateway connections from any space.
 - Anyone with connection creation permissions in a Gateway space can create Gateway connections in any space.
- For additional security, note that data does NOT reside on the Gateway server.

How do I start using Data Gateway – Direct Access?

- Step 1:** Download the Gateway installer from the Management Console.
- Step 2:** Configure the Gateway from an on-premise command line with the tenant URL.
- Step 3:** Generate a Gateway registration key from an on-premise command line.
- Step 4:** Add the new Gateway entry in the Management Console.
- Step 5:** Set up a Data Gateway - Direct Access connection.

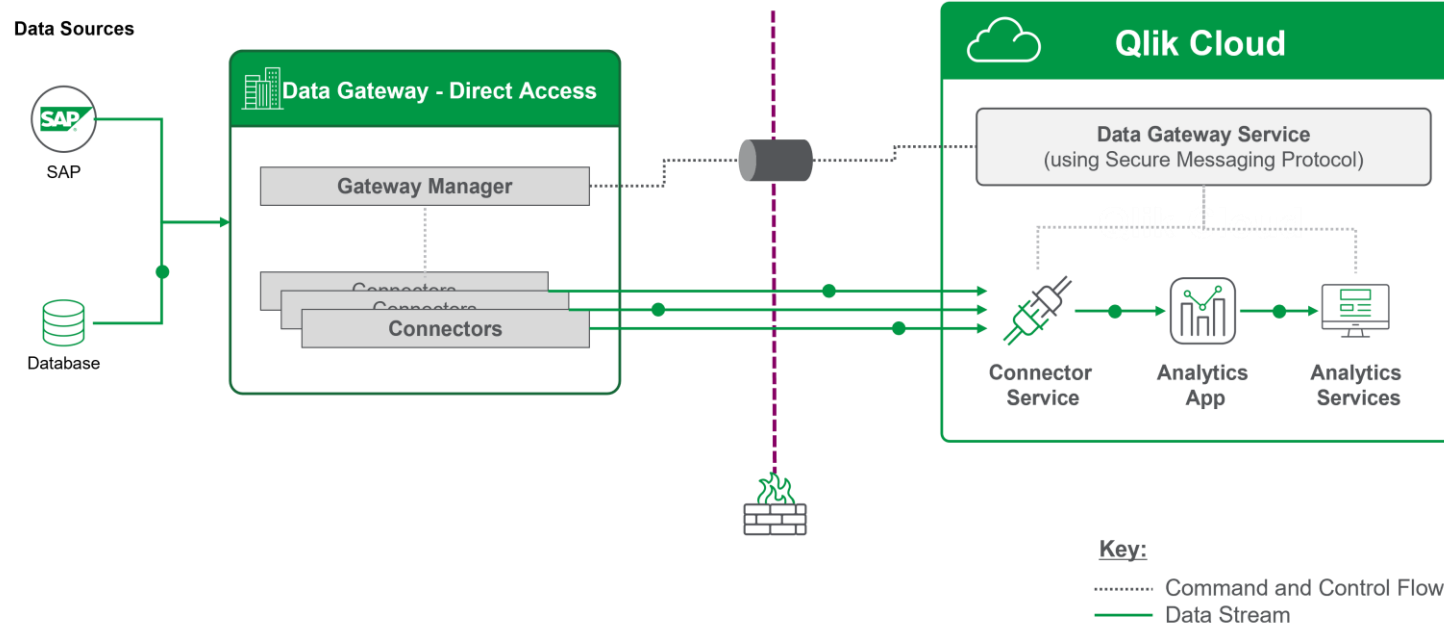
Tip: For the configuration process, you may need the assistance of a Tenant Administrator.



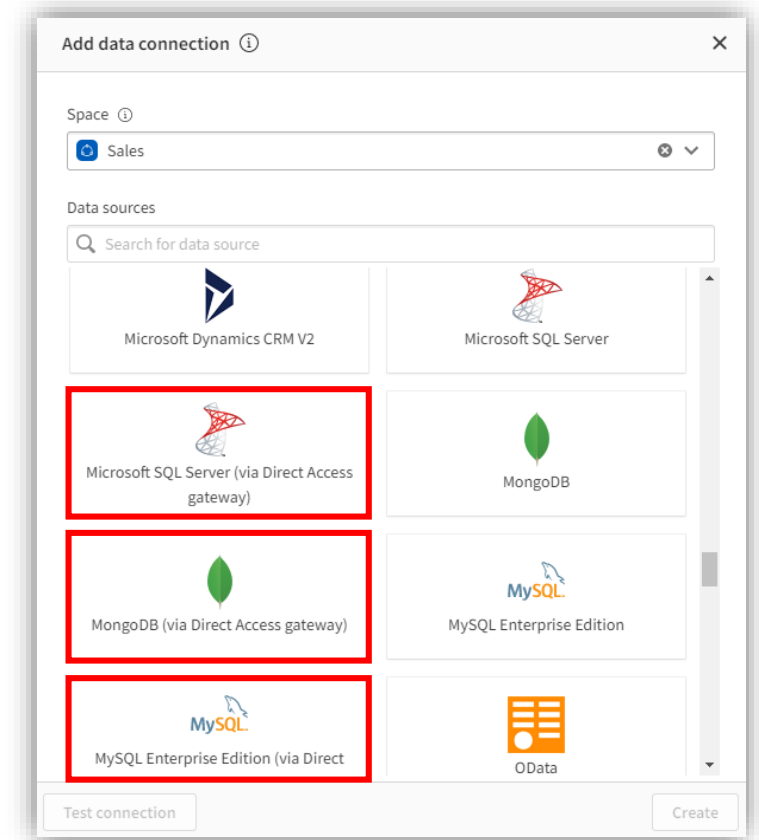
Qlik Comparisons:

- Qlik DataTransfer: A lightweight application that lets you upload data from on-premise data sources to a Qlik Cloud tenant.
- Direct Query: A connection type for Qlik Sense SaaS application to query directly against cloud databases using SQL pushdown

Data Gateway – Direct Access Architecture:



Choose connections configured for a “Direct Access gateway”



Required Ports:

- **General ports:** HTTPS/TCP - 443 should be opened for outbound communication to `<tenant-id>.<region>.qlikcloud.com`
- **Dedicated port:** Port 5000: If this port is being used by another application, reconfigure or uninstall the other application.

Further port details can be found at help.qlik.com



Command Prompts for Data gateway – Direct Access Set-up

Change the working directory to where the software was installed:

```
cd C:\Program Files\Qlik\ConnectorAgent\ConnectorAgent
```

Connect your tenant with or without a proxy server:

- Without a Proxy server:

```
connectoragent qcs set_config --tenant url mytenant.myregion.qlikcloud.com
```

- With a Proxy server:

```
connectoragent qcs set_config --tenant url mytenant.myregion.qlikcloud.com --  
proxy_url https/http://myhost:myport --proxy_username myusername --proxy_password mypassword
```

Generate a registration key:

```
connectoragent qcs generate_keys
```

Show the registration key:

```
connectoragent qcs get_registration
```

Start or Stop the Data Gateway – Direct Access service:

```
connectoragent service start/stop
```

TIPS:

- Run Command Prompt as an Administrator
- Further Command Prompt information can be found at help.qlik.com