

EXTENDING DYNAMICS GP WITH MICROSOFT POWER PLATFORM

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Session Agenda

- Introduction
- On-premises Data Gateway
- Installation & Considerations
- Connecting to your On-premises Data
- DEMO: Installing On-premises Data Gateway
- DEMO: Building your first app
- MO: Performing data operations with eConnect





Introduction

- Mariano Gomez
- CTO at Mekorma
- Microsoft MVP since 2008
- Microsoft MCT



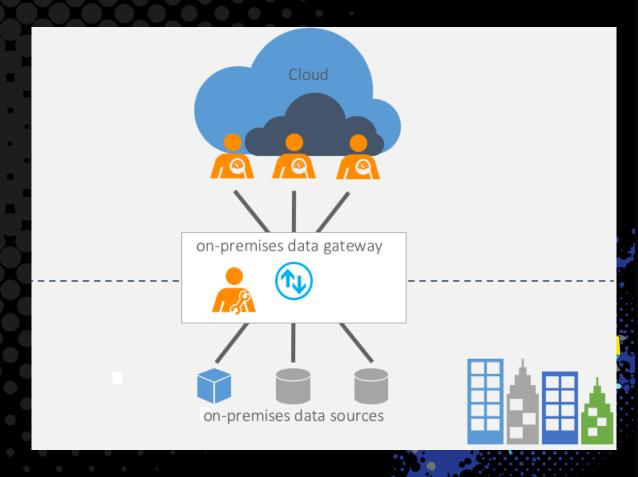


On-premises Data Gateway

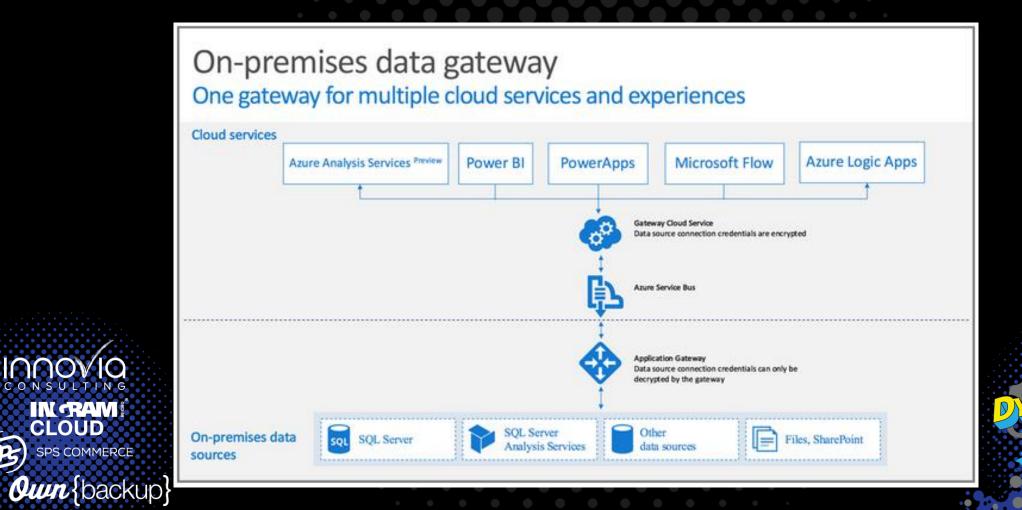
The on-premises data gateway acts as a bridge. It provides quick and secure data transfer between on-premises data, which is data that isn't in the cloud, and several Microsoft cloud services. These services include Power BI, Power Apps, Power Automate, Azure Analysis Services, and Azure Logic Apps.

By using a gateway, organizations can keep databases and other data sources on their onpremises networks while securely using that onpremises data in cloud services.





On-premises Data Gateway



Installation

Download and Install

 Configure and Secure





Considerations

Logic Apps, Power Apps, and Power Automate support both read and write operations through the gateway:

- Write operations have a 2-MB payload limit.
- Read operations have a 2-MB request limit and an 8-MB compressed data response limit.
- URL for the GET request has a 2048-character limit.

While using the gateway with Power BI in Direct Query Mode, there's a 16-MB uncompressed data response limit.



Own {backup}

Connecting to your On-premises Data

- 500+ Connectors SQL Server connector
- Available for Logic Apps, Power Automate, Power Apps
- Published by Microsoft
- Known limitations with triggers and actions
- https://docs.microsoft.com/en-us/connectors/sql/
- Can call eConnect stored procedures
- Best practice: wrap all calls to minimize parameter scope and direct table operations
- Can access tables directly





DEMO: Installing On-premises Data Gateway





DEMO: Creating a SQL Cloud Connection





DEMO: Backing up Dynamics GP company database (Power Automate)





DEMO: Simple Customer Contact List (Power Apps)





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Thank you for attending!





