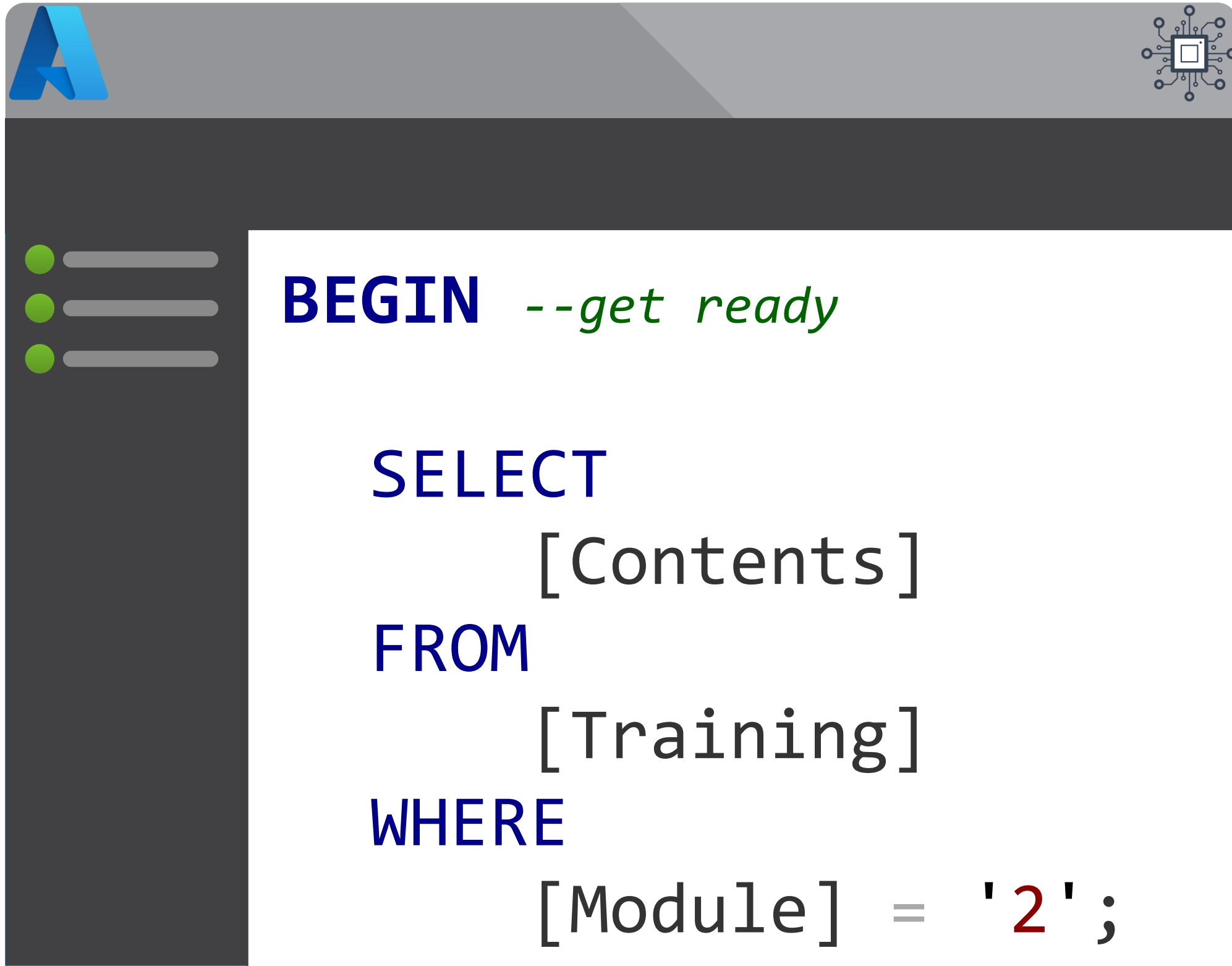


Module 2

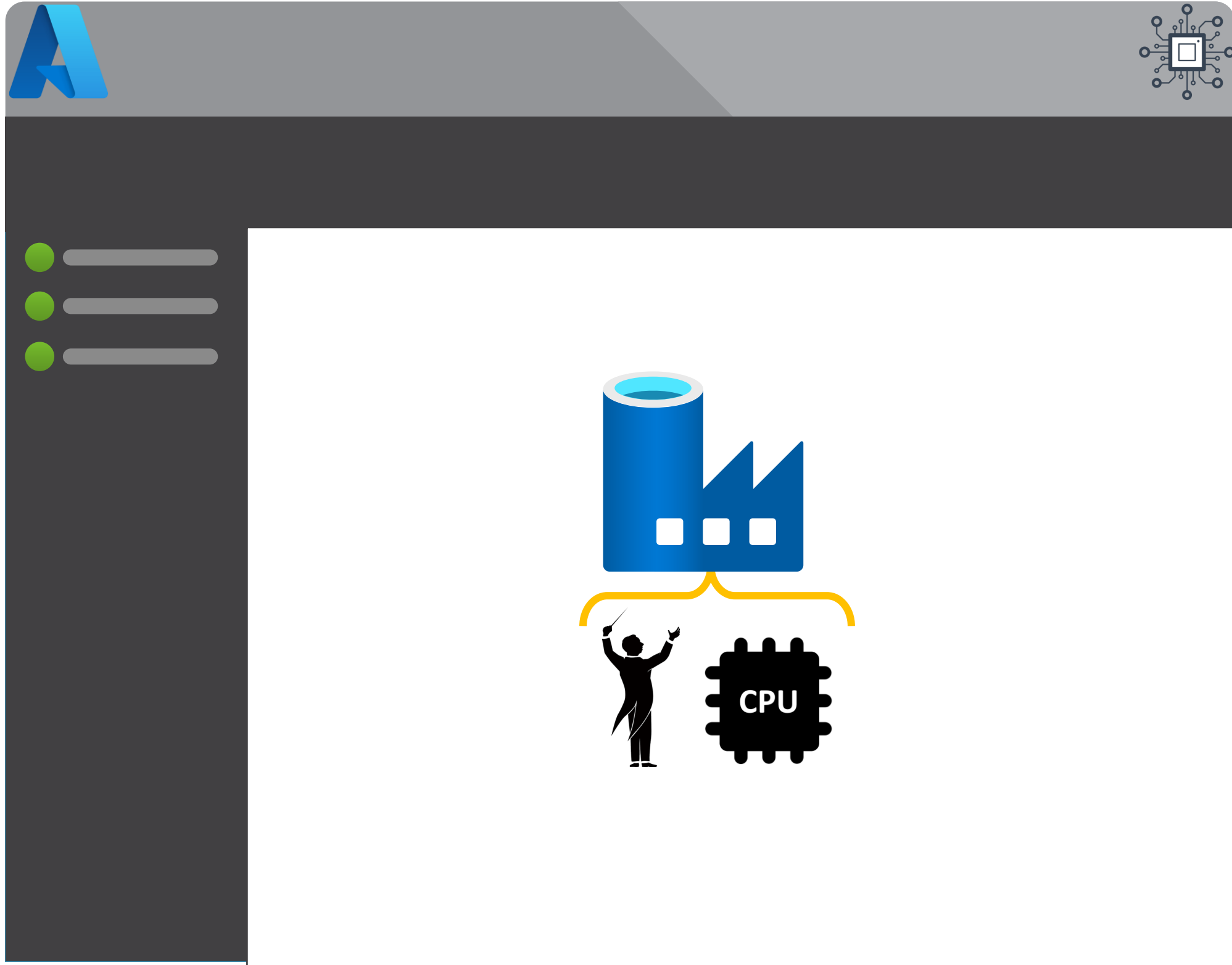
Integration Runtime Design Patterns



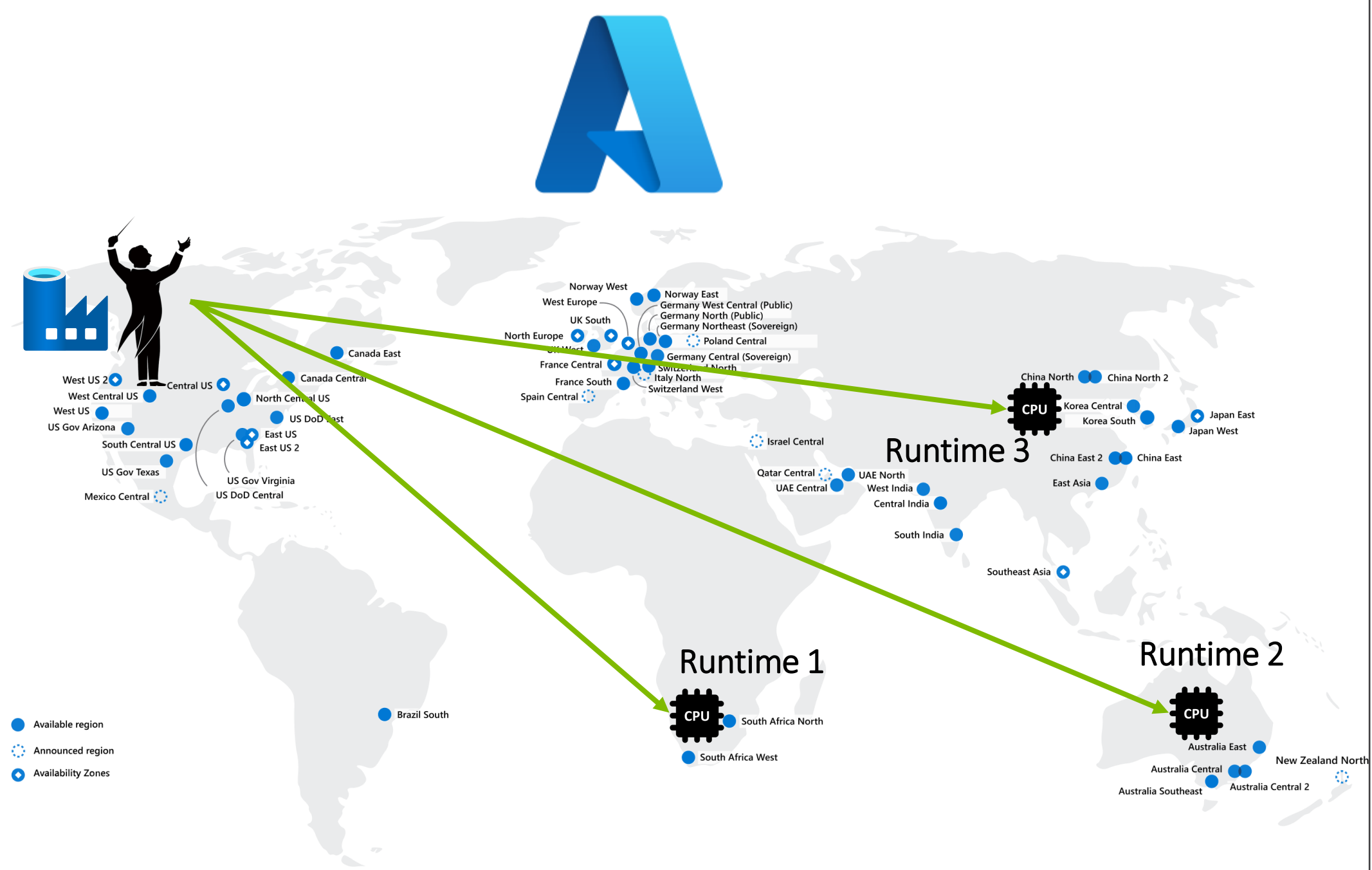
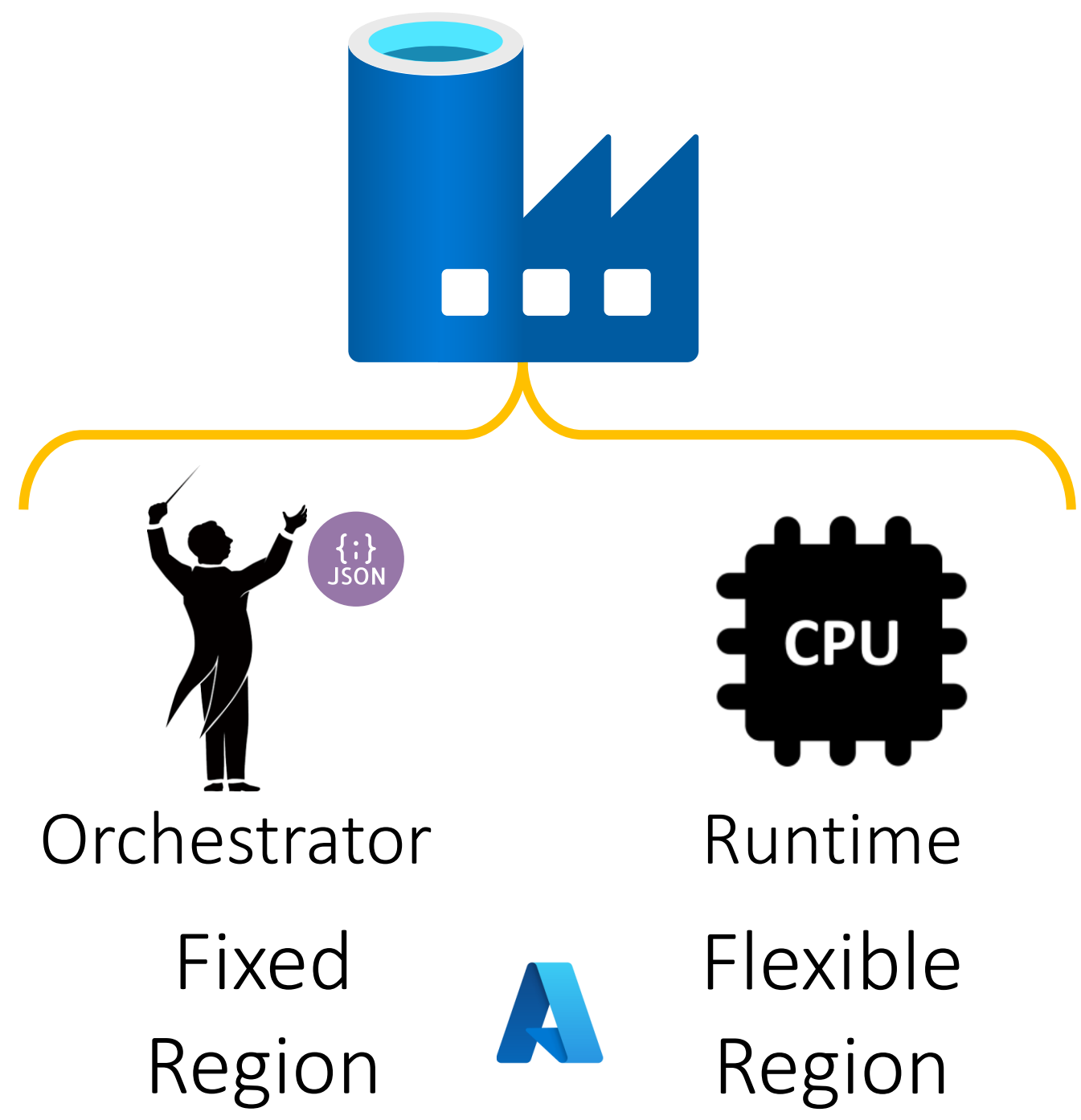
- Compute Types
 - Azure
 - Hosted
 - SSIS
- Patterns & Configuration

Module 2

Integration Runtime Design Patterns

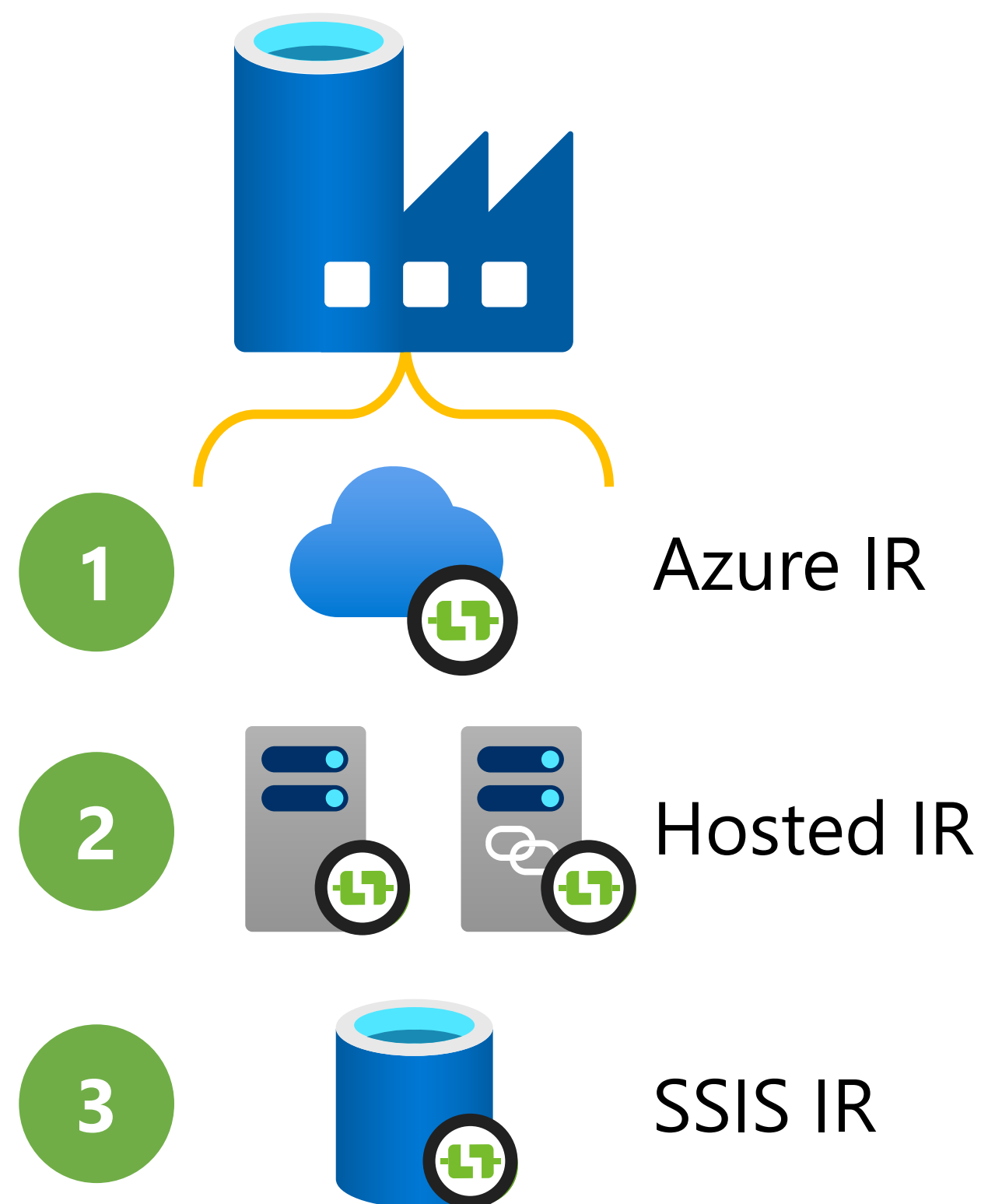


- Compute Types
 - Azure
 - Hosted
 - SSIS
- Patterns & Configuration



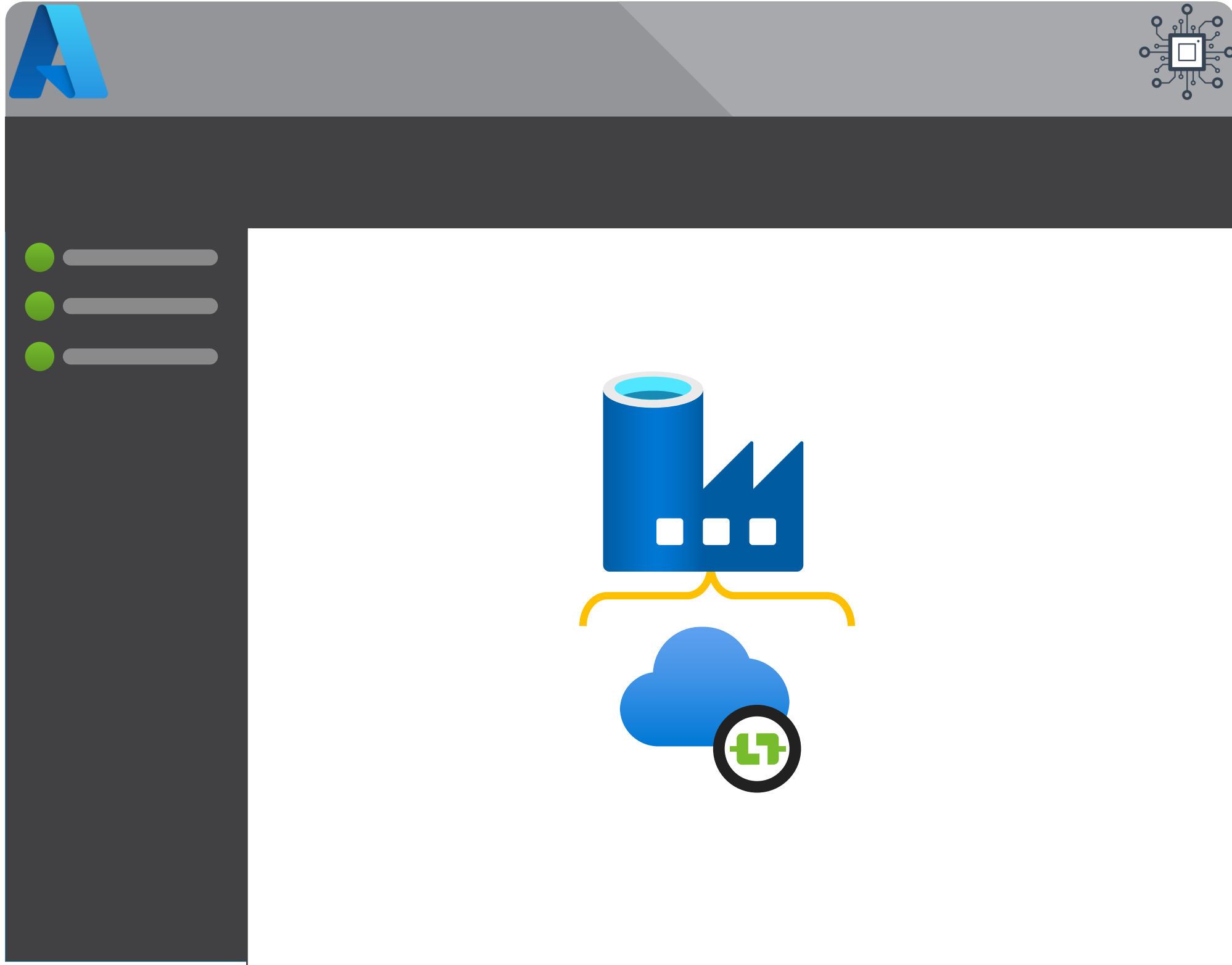


What can an Integration Runtime do?



Module 2

Integration Runtime Design Patterns



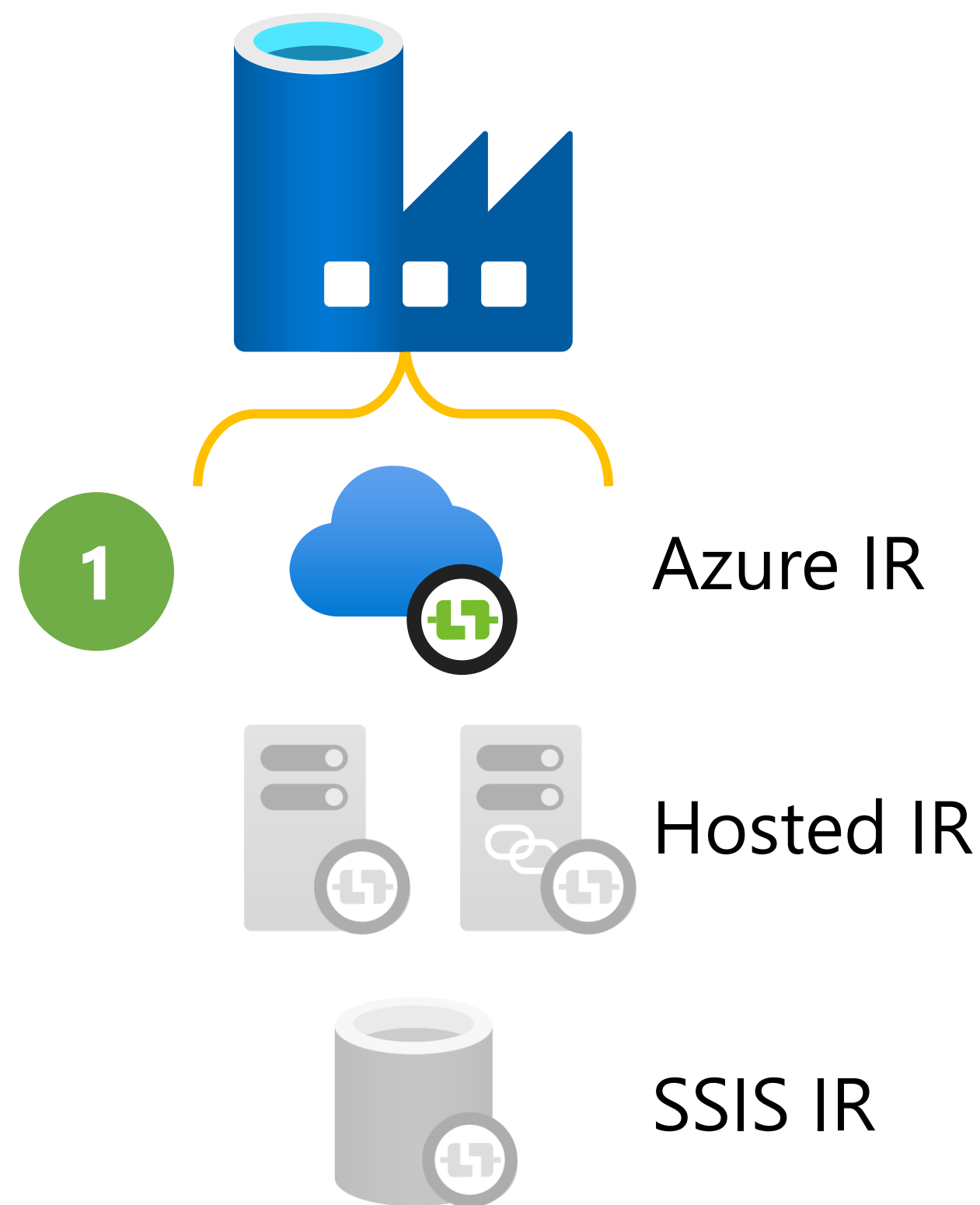
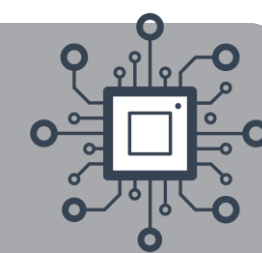
- Compute Types

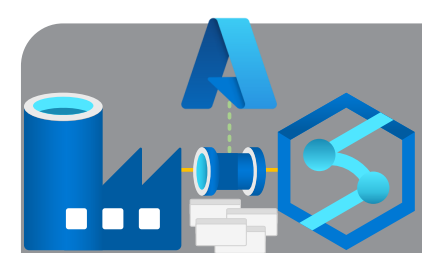
- Azure
- Hosted
- SSIS

- Patterns & Configuration

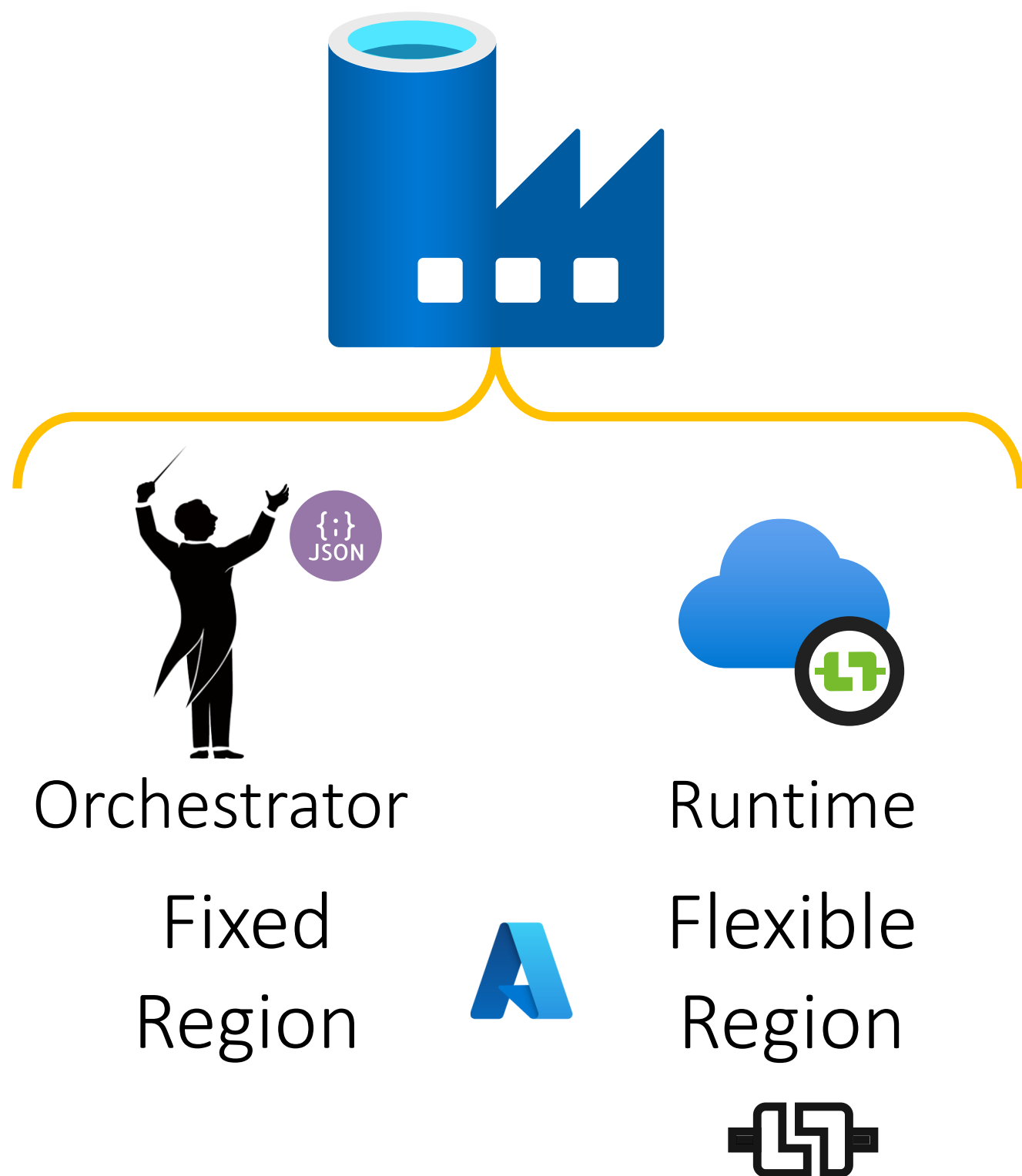
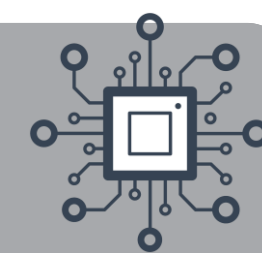


What can an Integration Runtime do?

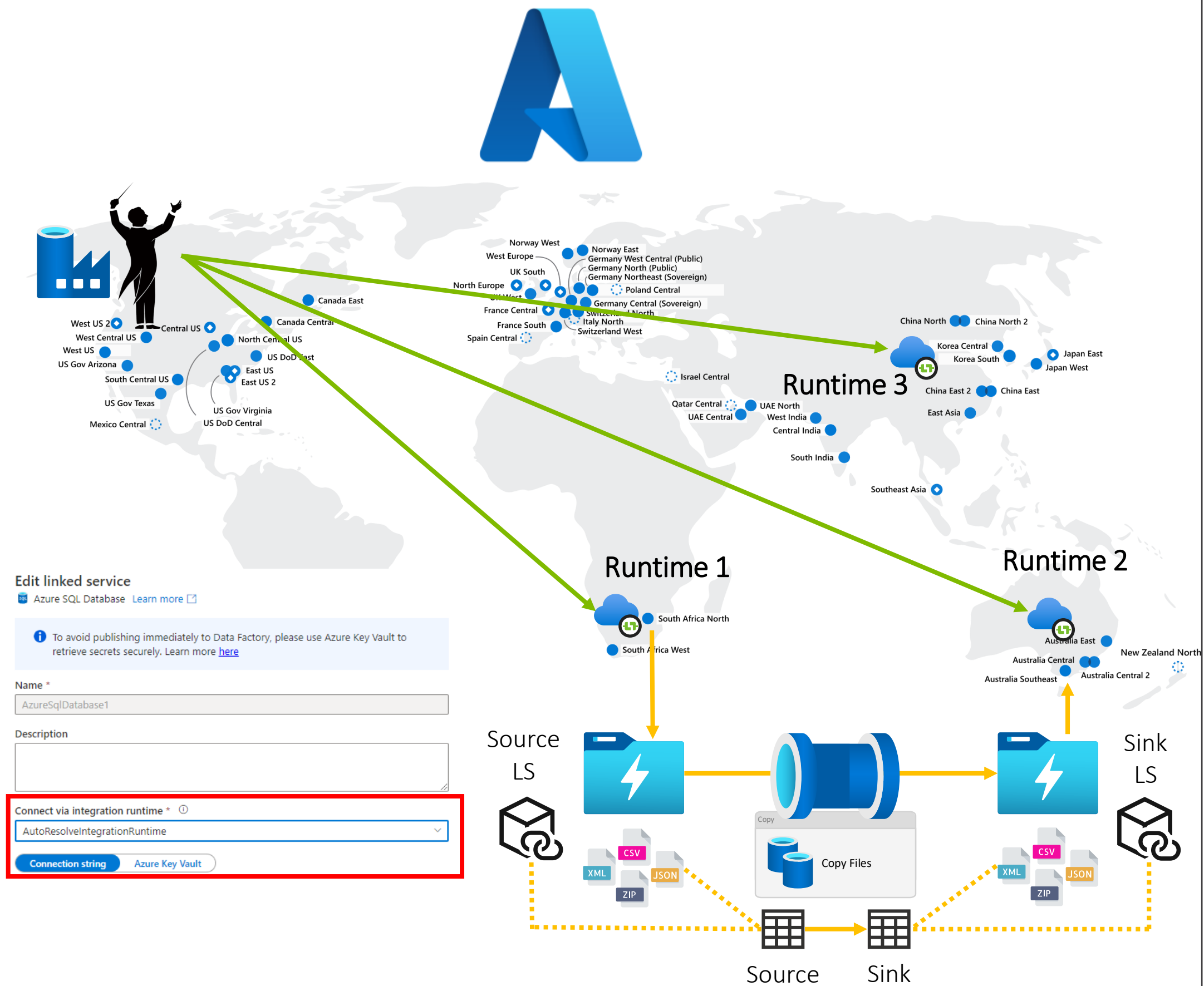




What is an Integration Runtime?

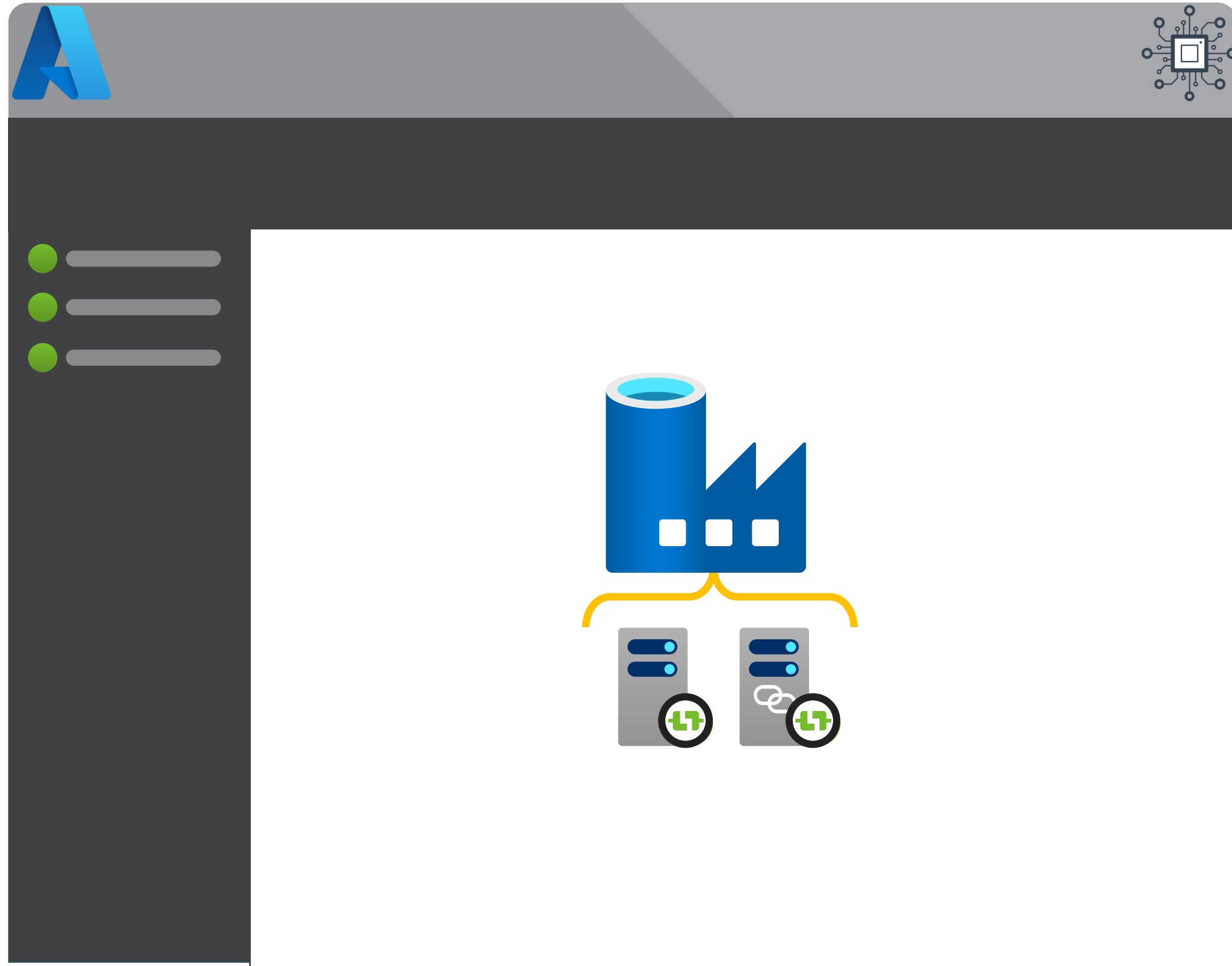


AutoResolveIntegrationRuntime



Module 2

Integration Runtime Design Patterns



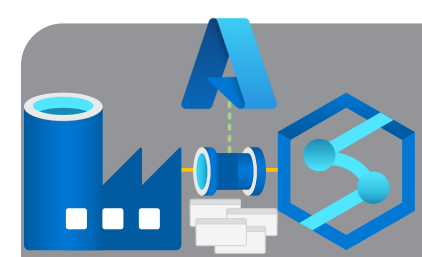
- Compute Types

- Azure

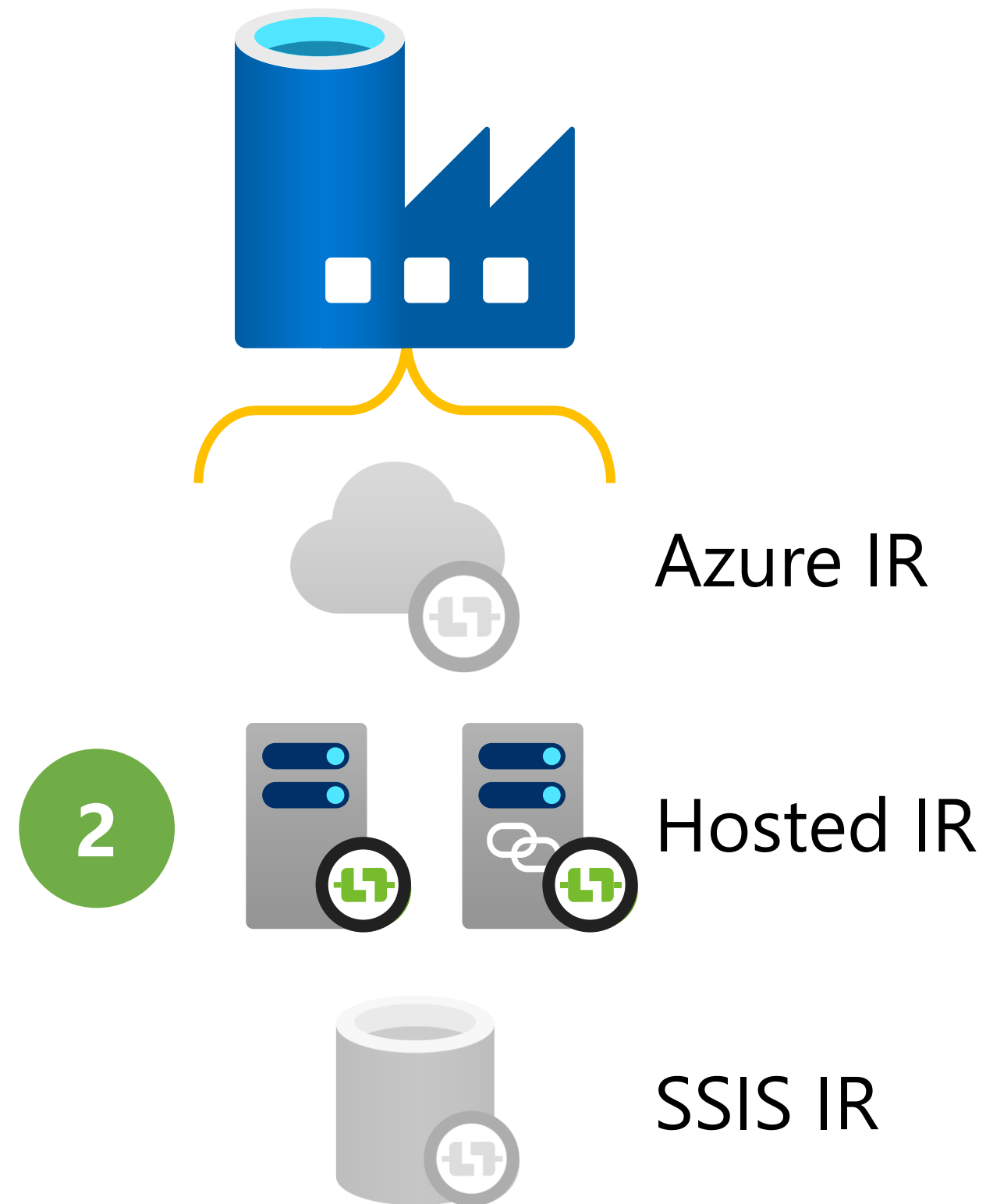
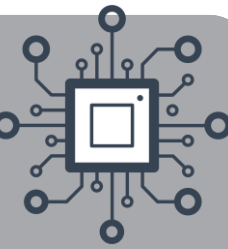
- Hosted

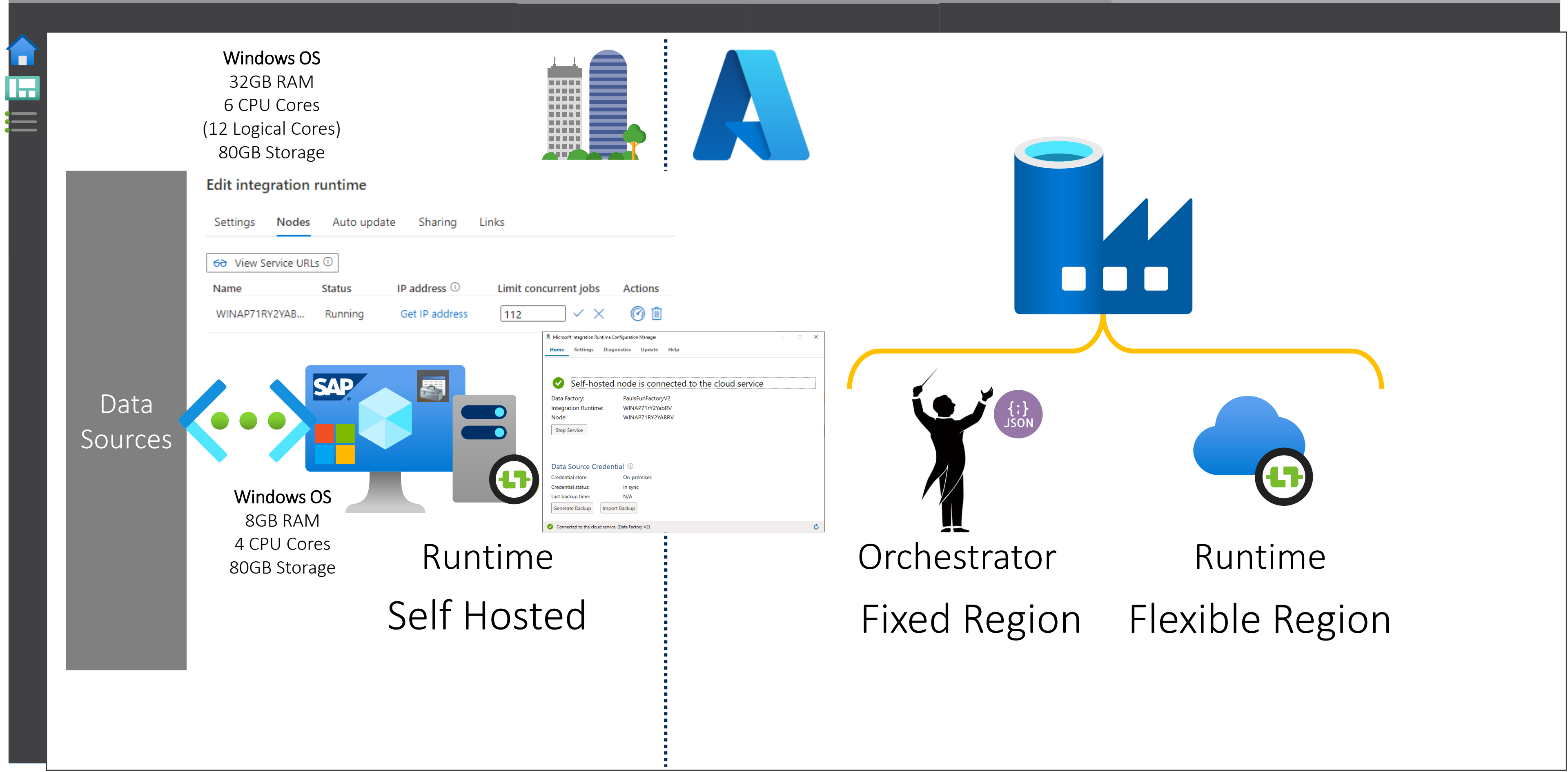
- SSIS

- Patterns & Configuration



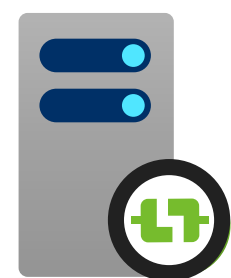
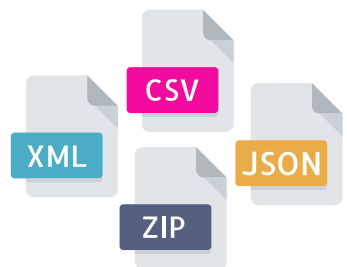
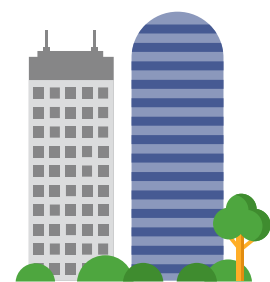
What can an Integration Runtime do?



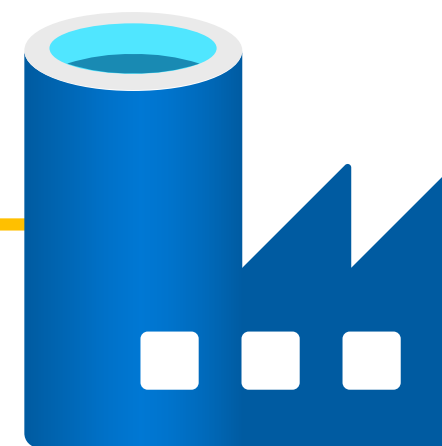




Hosted Integration Runtime



Runtime
Self Hosted



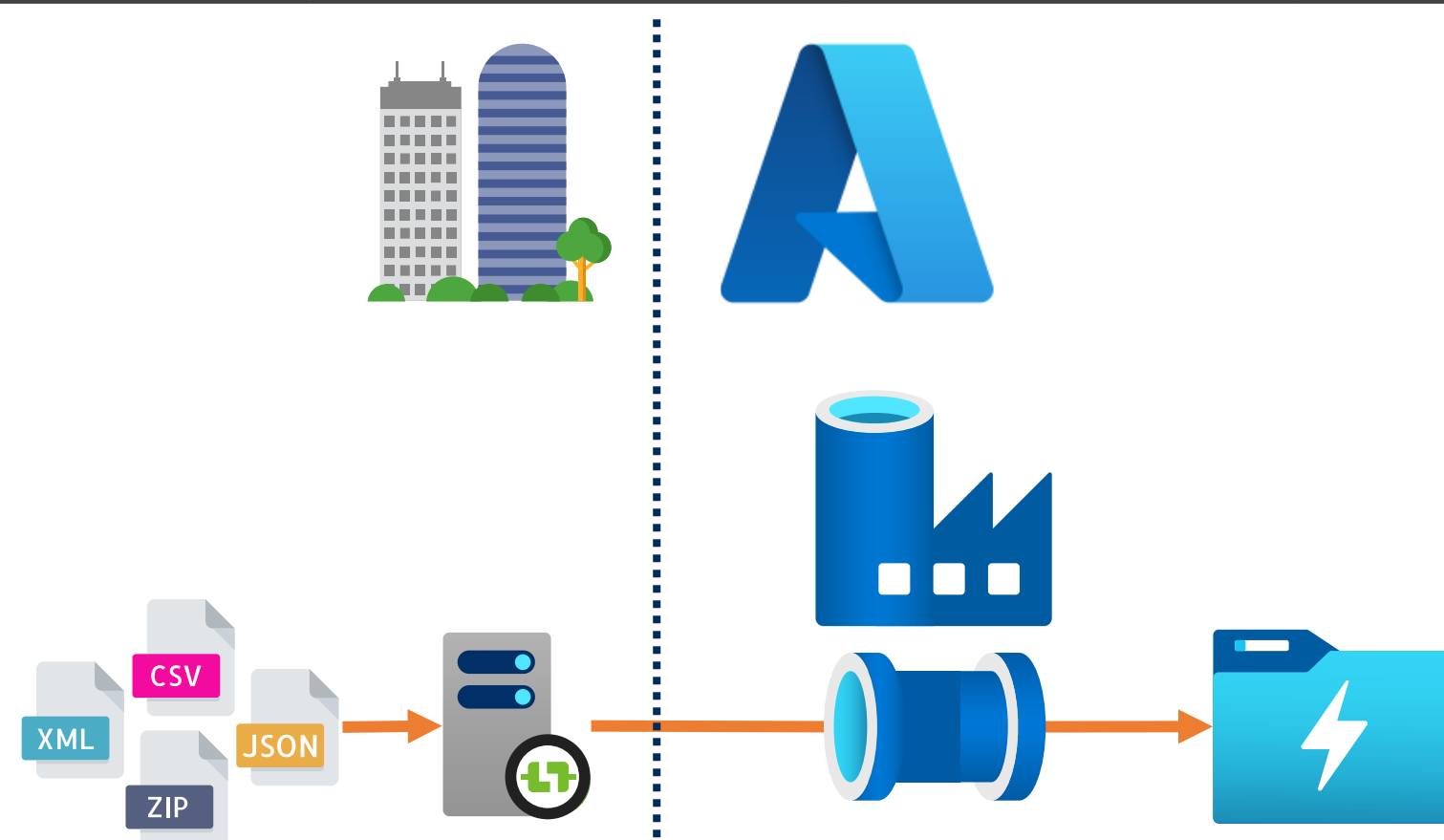
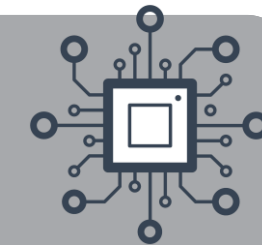
Orchestrator
Fixed Region

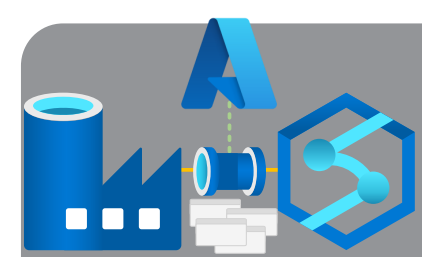


Runtime
Flexible Region

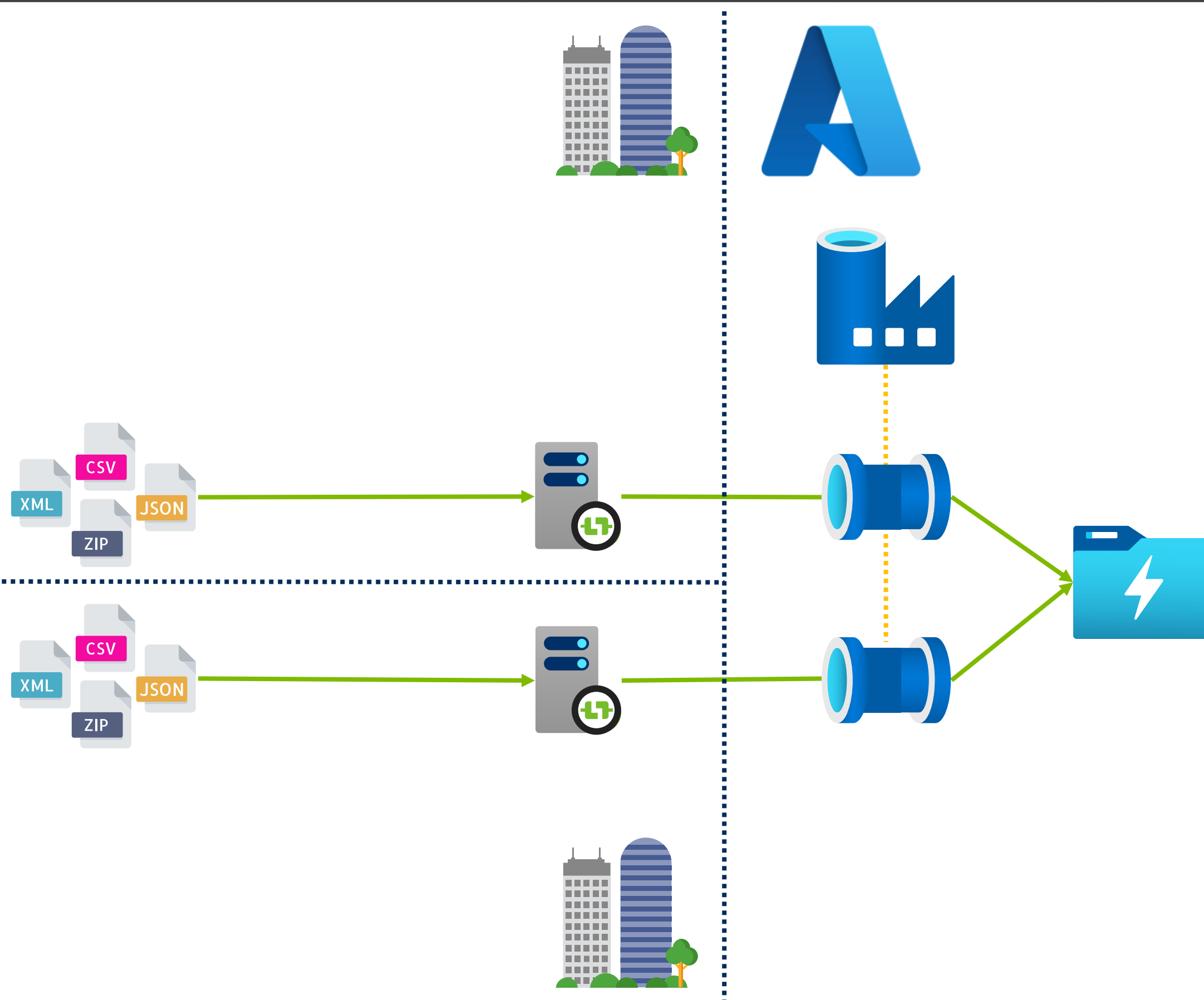
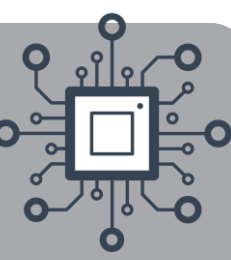


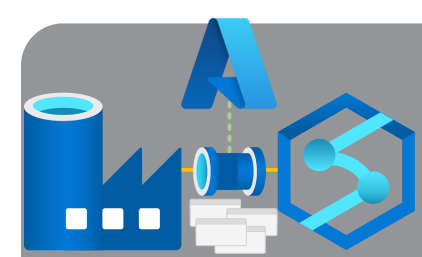
Single Hosted IR



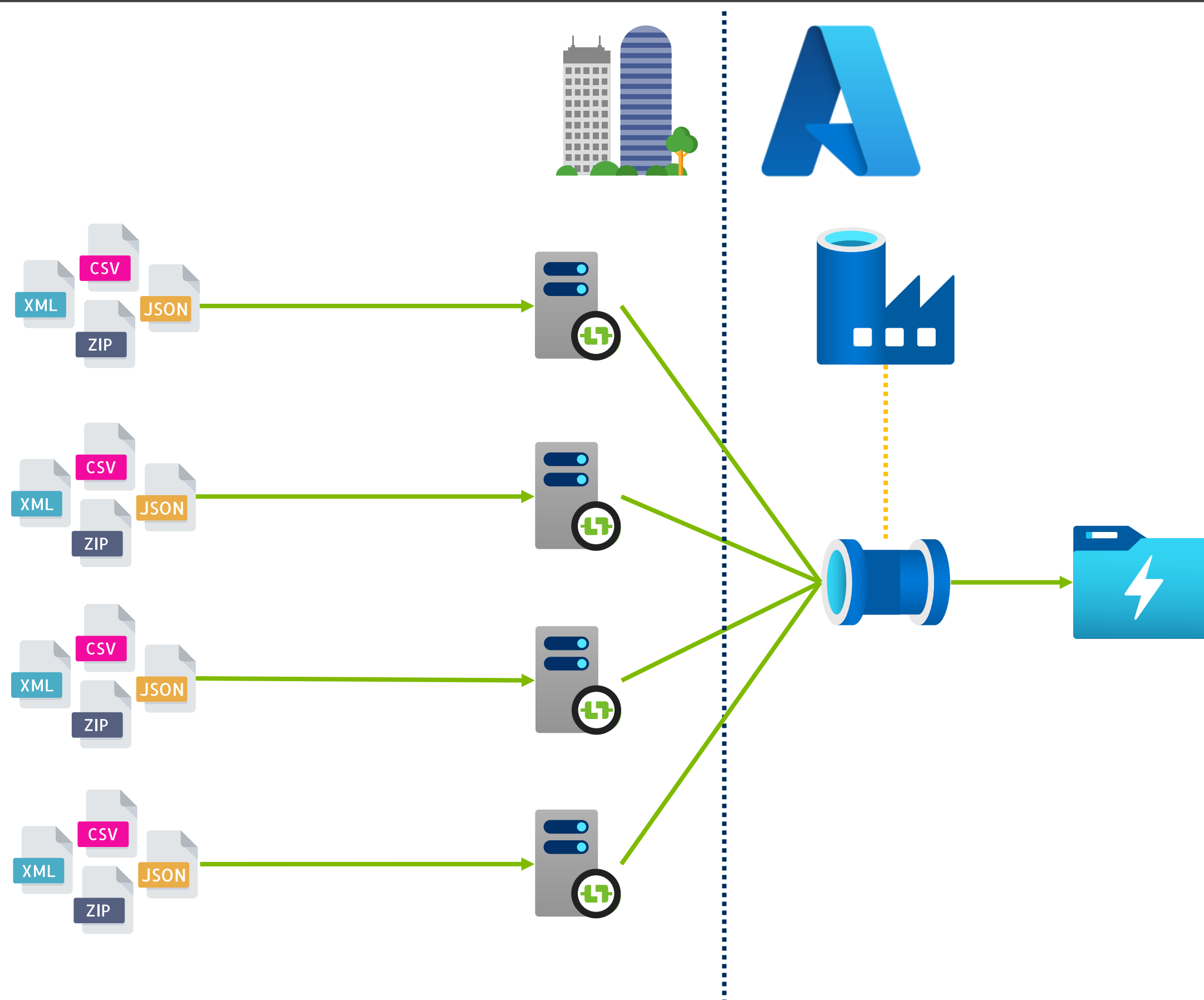
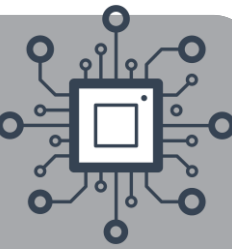


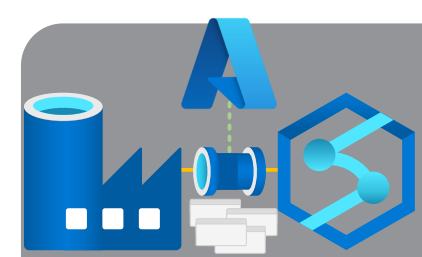
Multiple Hosted IR's at Different Sites



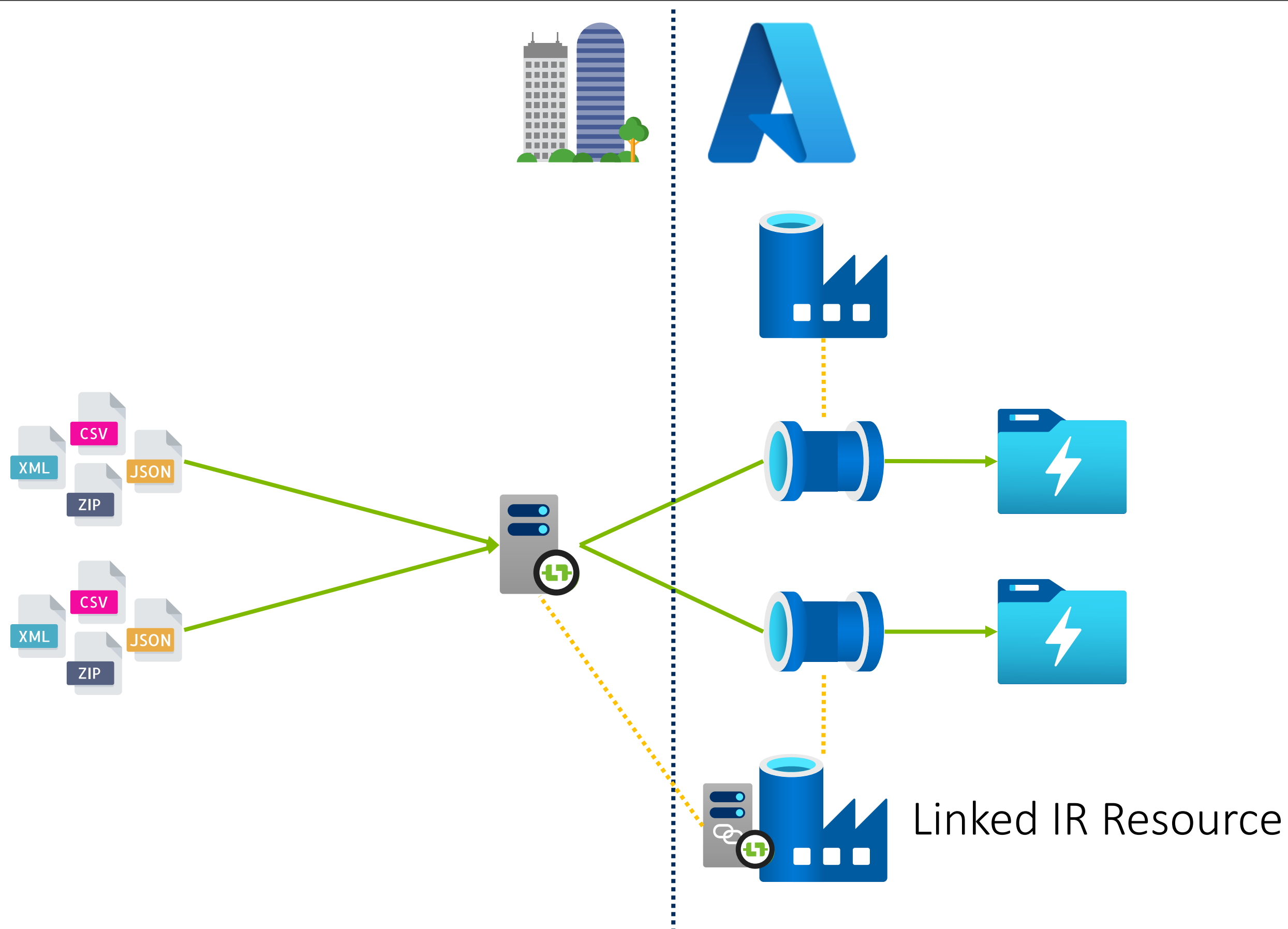
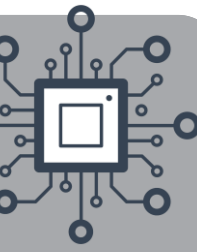


Multiple Hosted IR's as Separate Endpoints



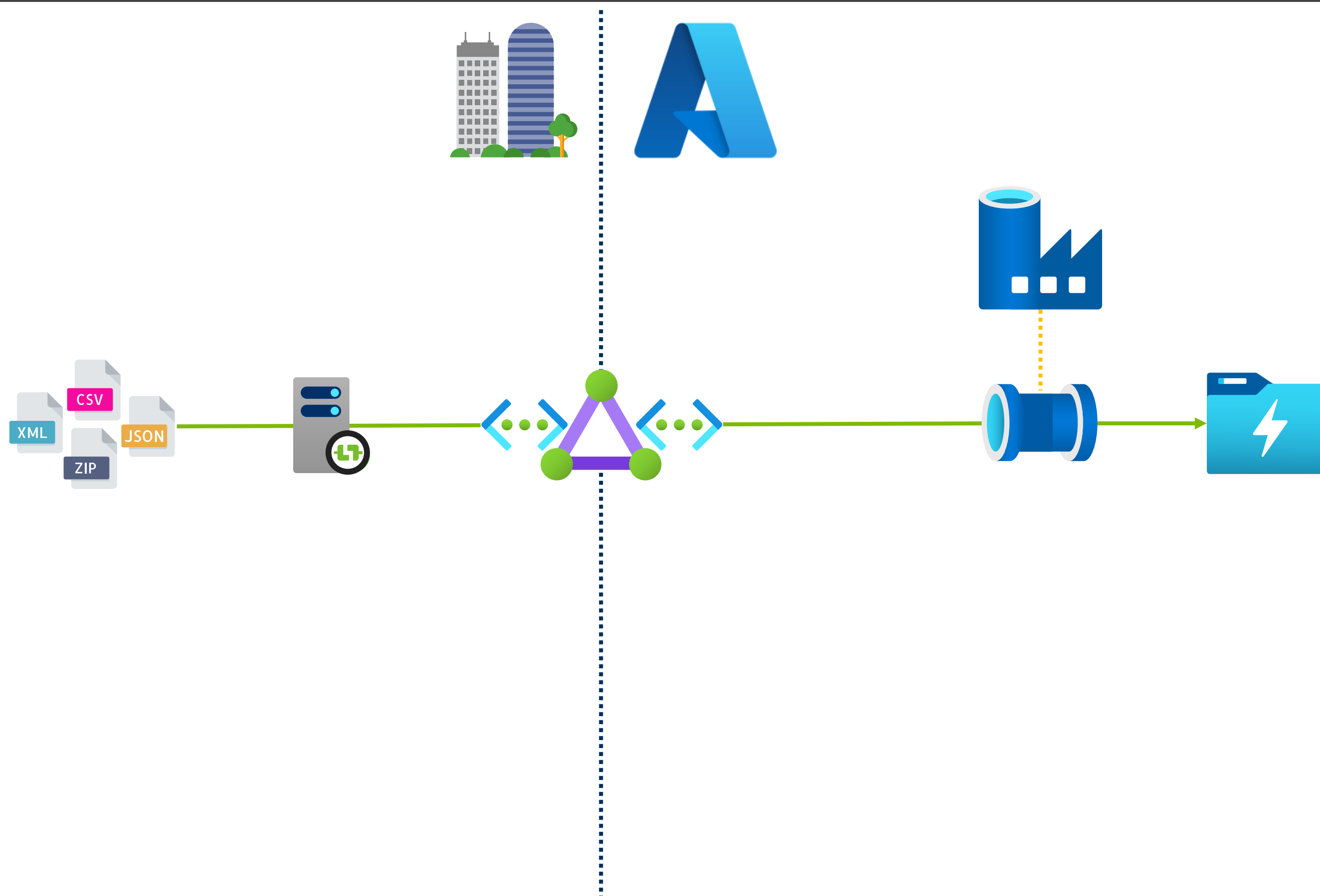
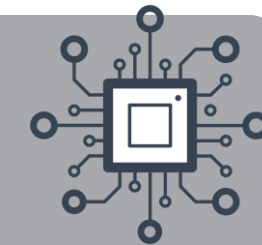


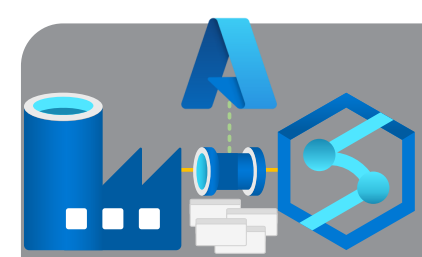
Single Hosted IR Linked to Multiple Data Factories



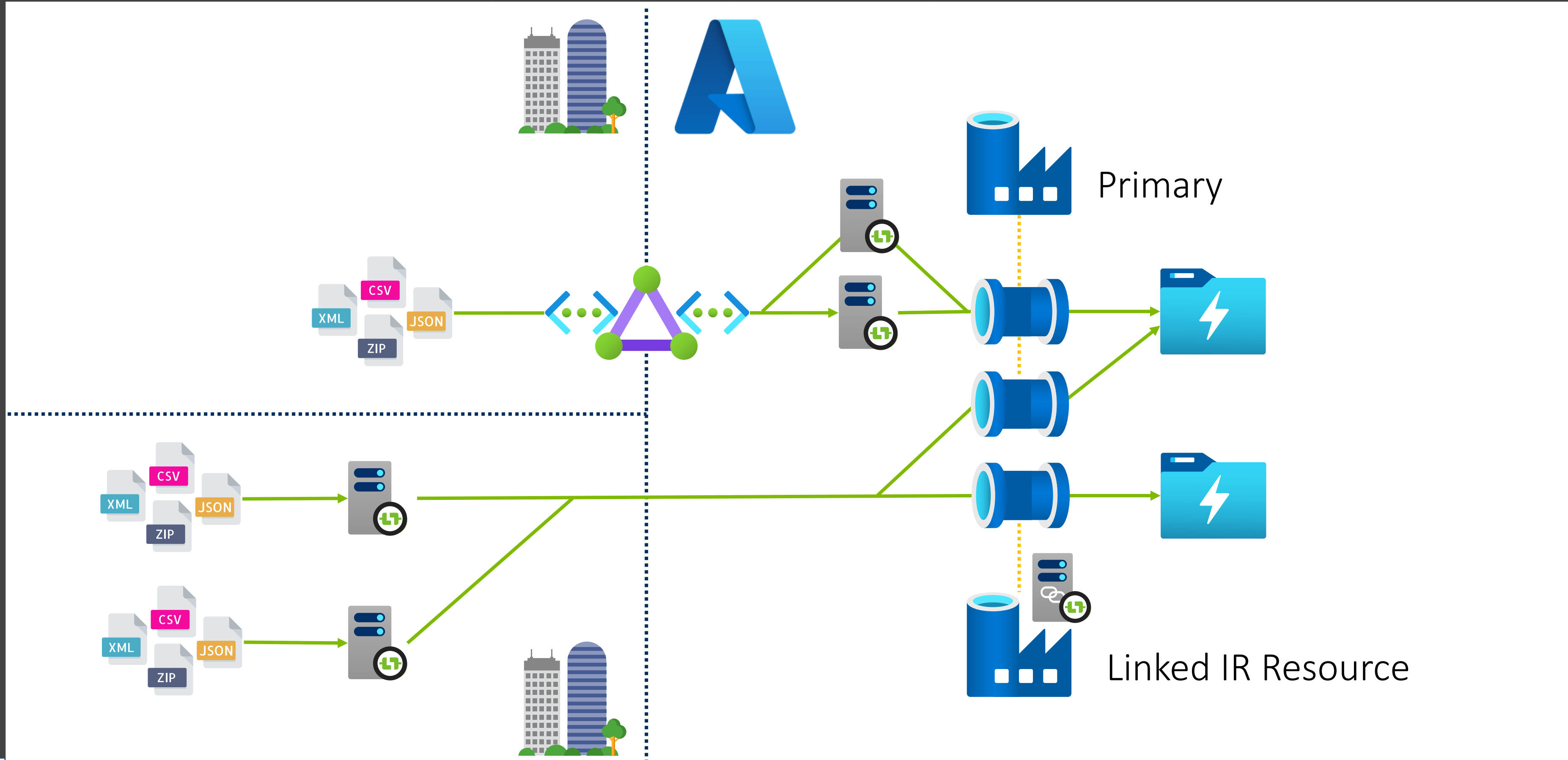
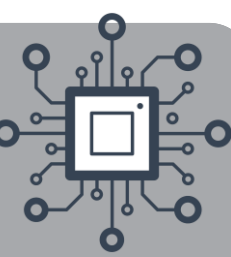


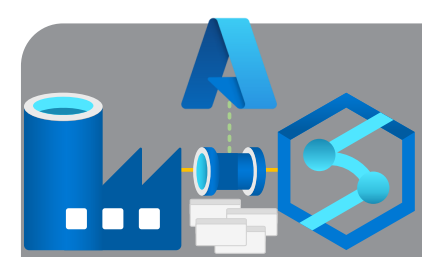
Hosted IR's with Express Route Connections



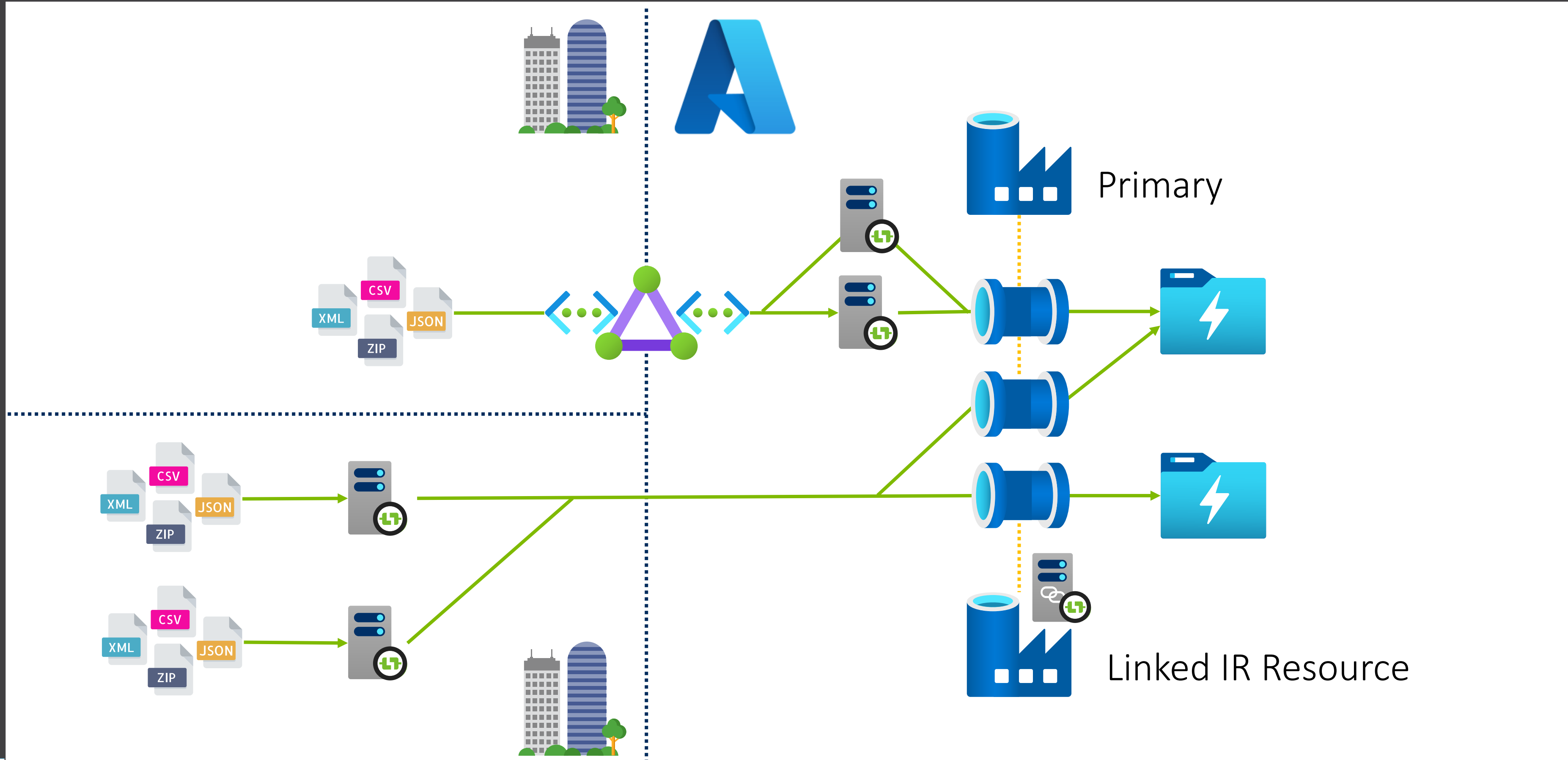
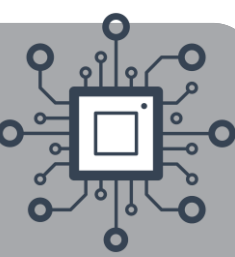


Hosted IR Combinations



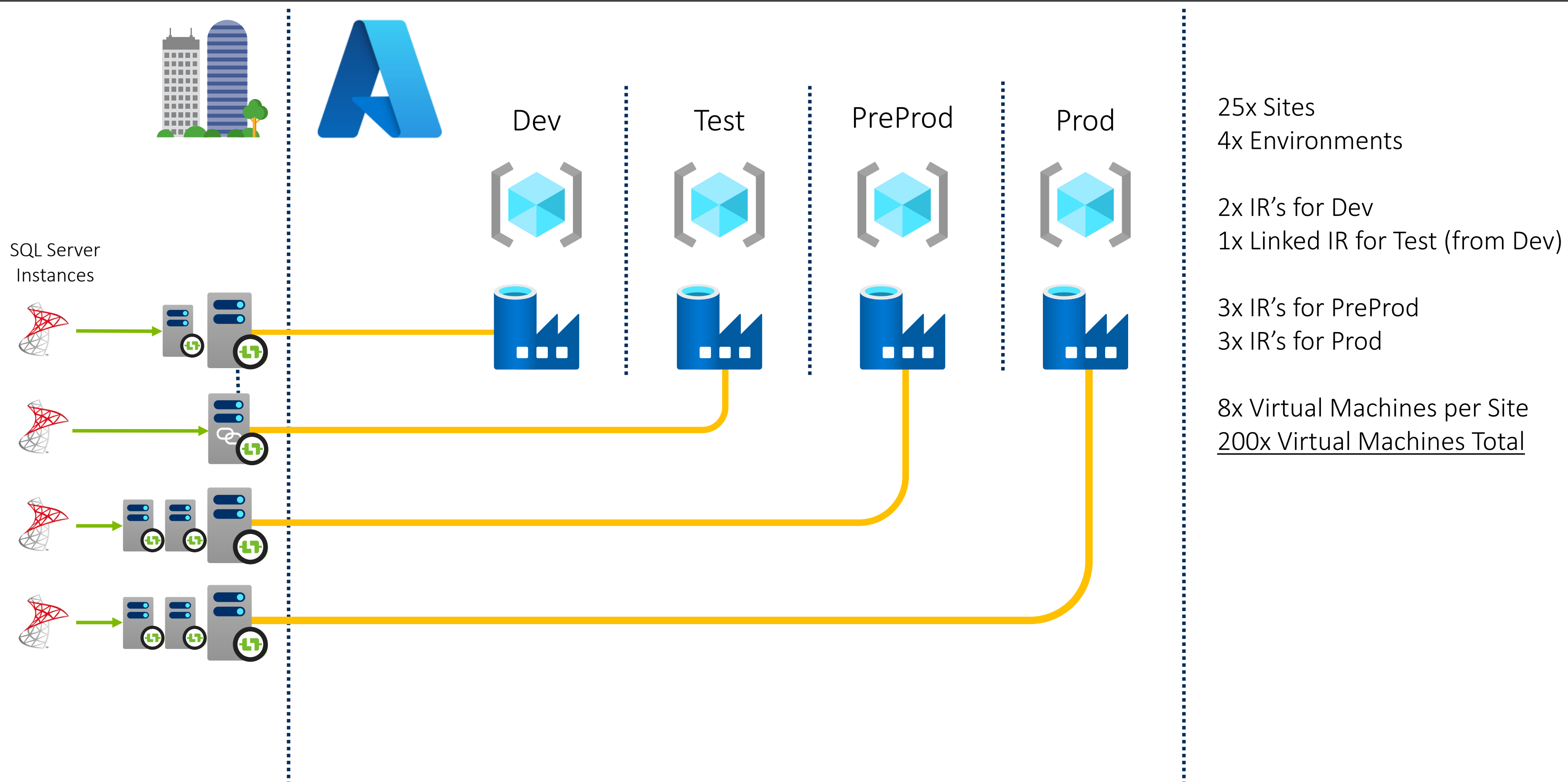


Horizontal vs Vertical Environment Processing



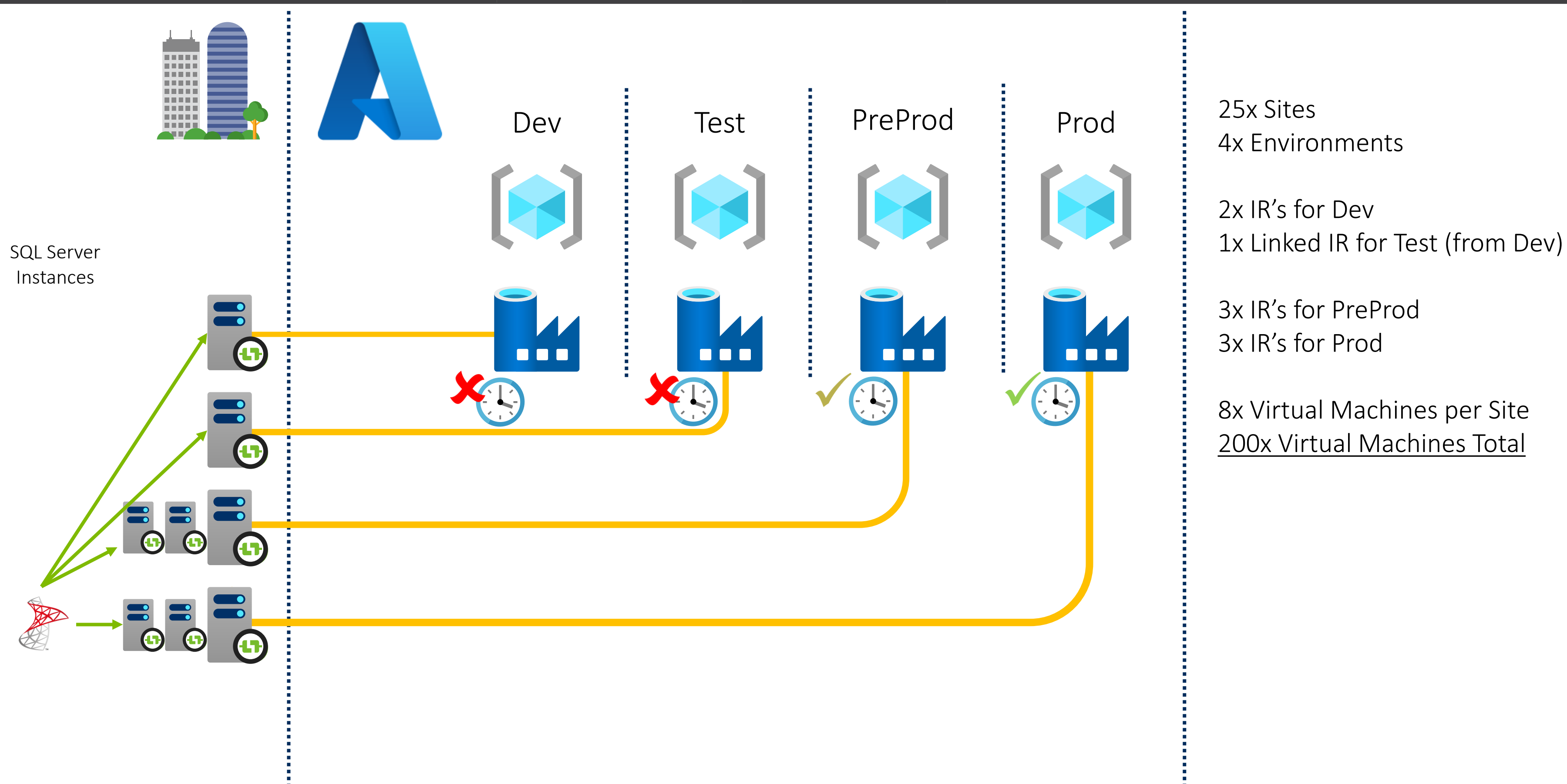


Hosted IR's vs Environments



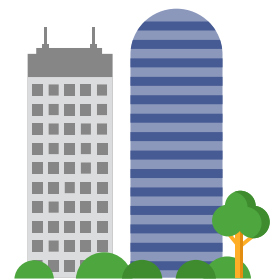
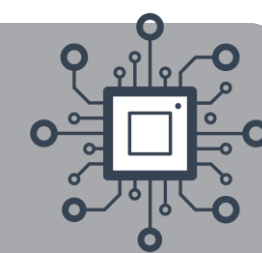


Hosted IR's vs Environments





Hosted IR's vs Environments

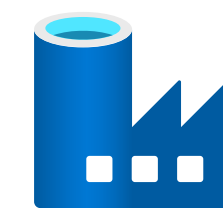
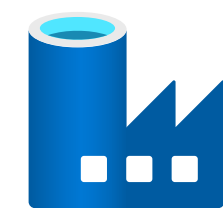
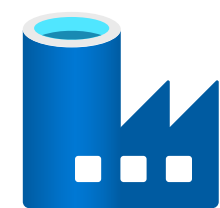
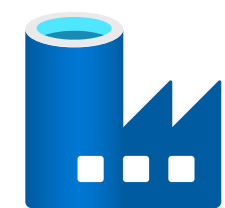
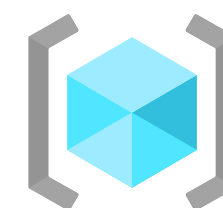
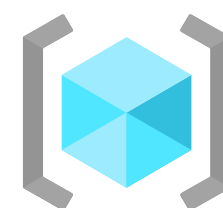
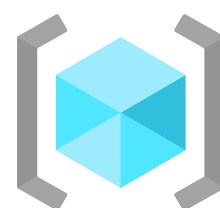
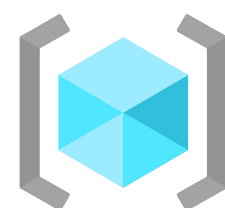


Dev

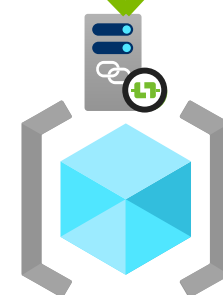
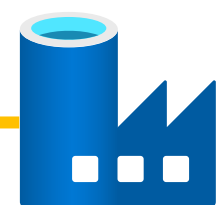
Test

PreProd

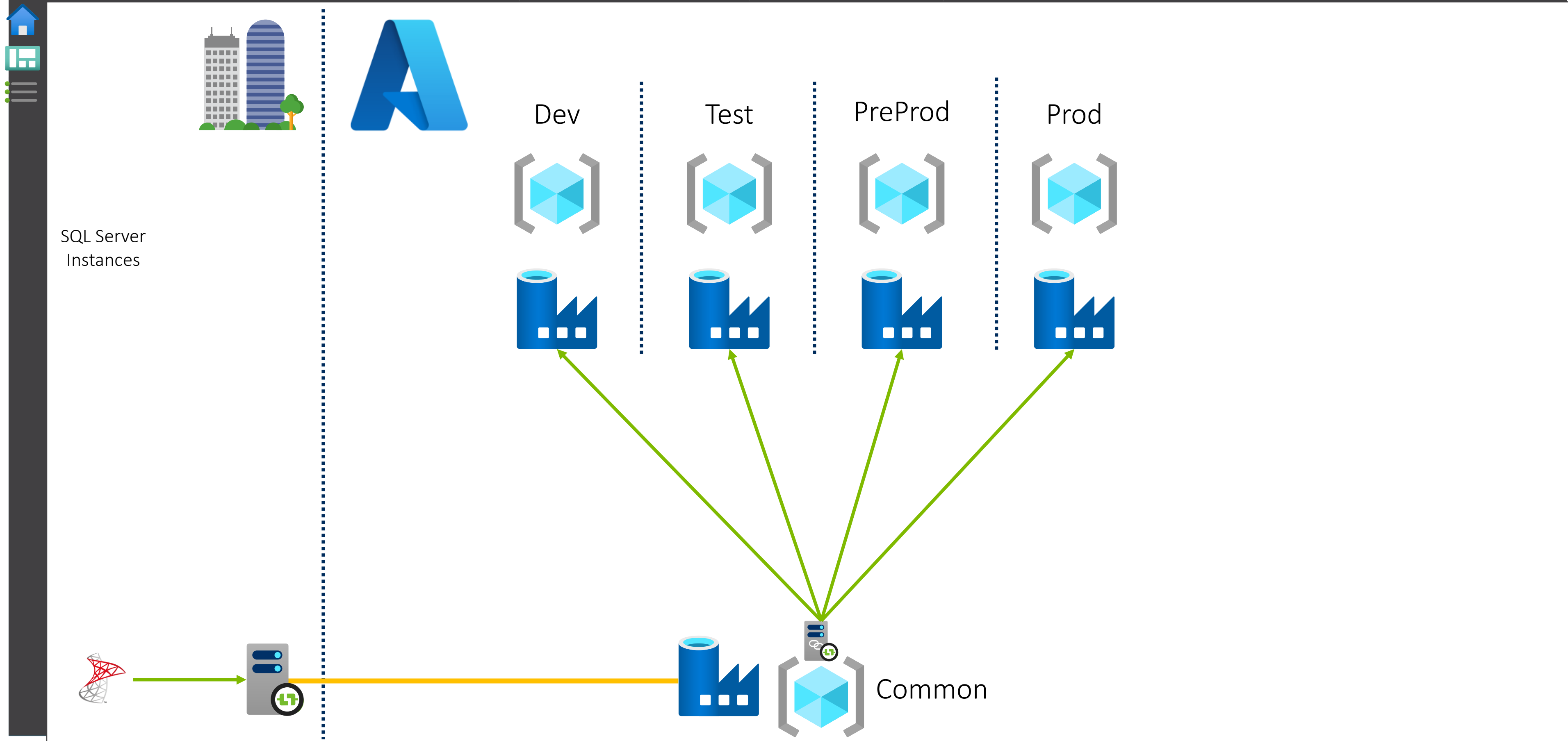
Prod



SQL Server
Instances

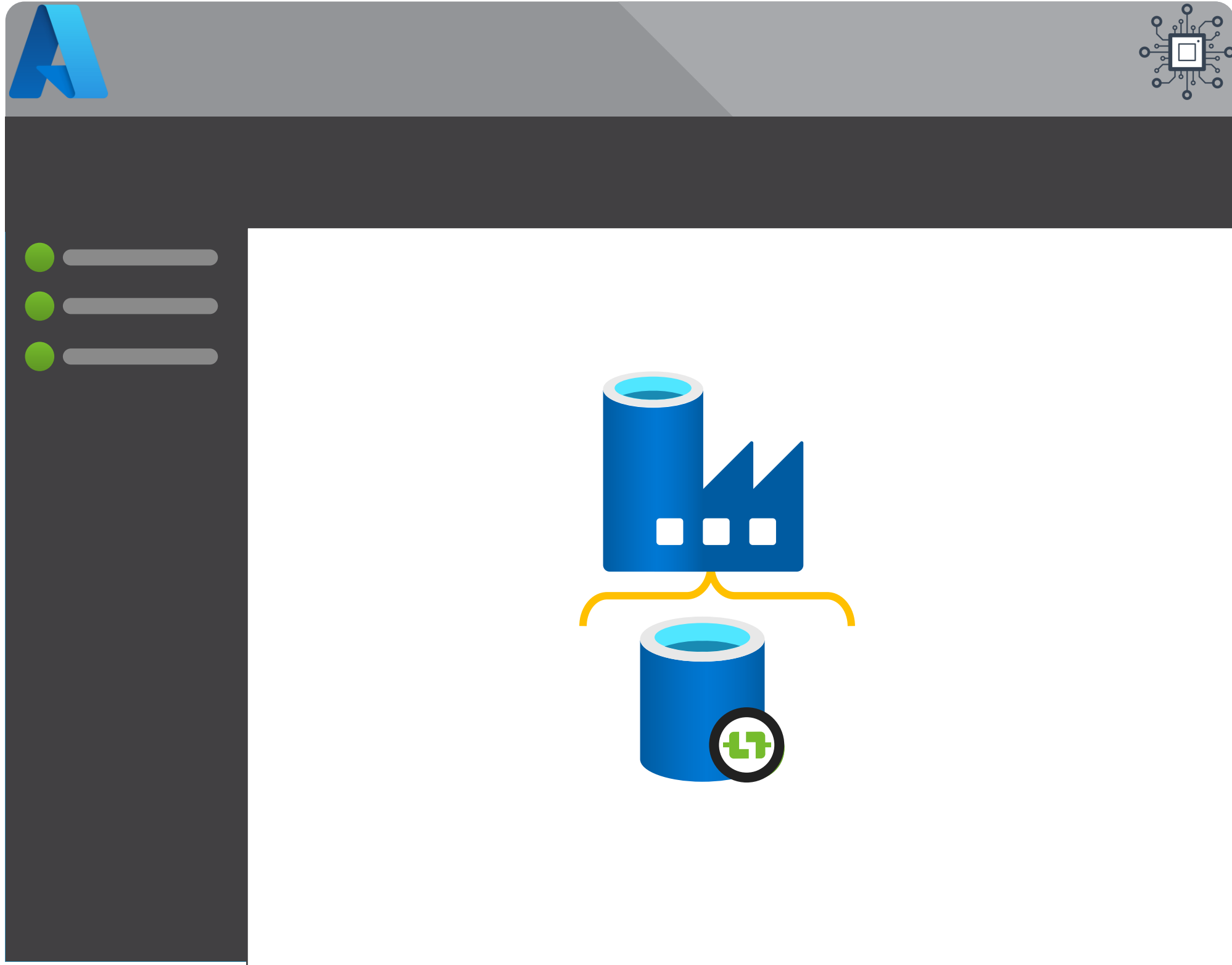


Common



Module 2

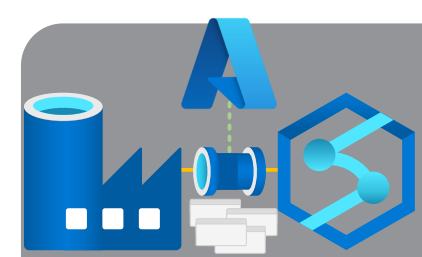
Integration Runtime Design Patterns



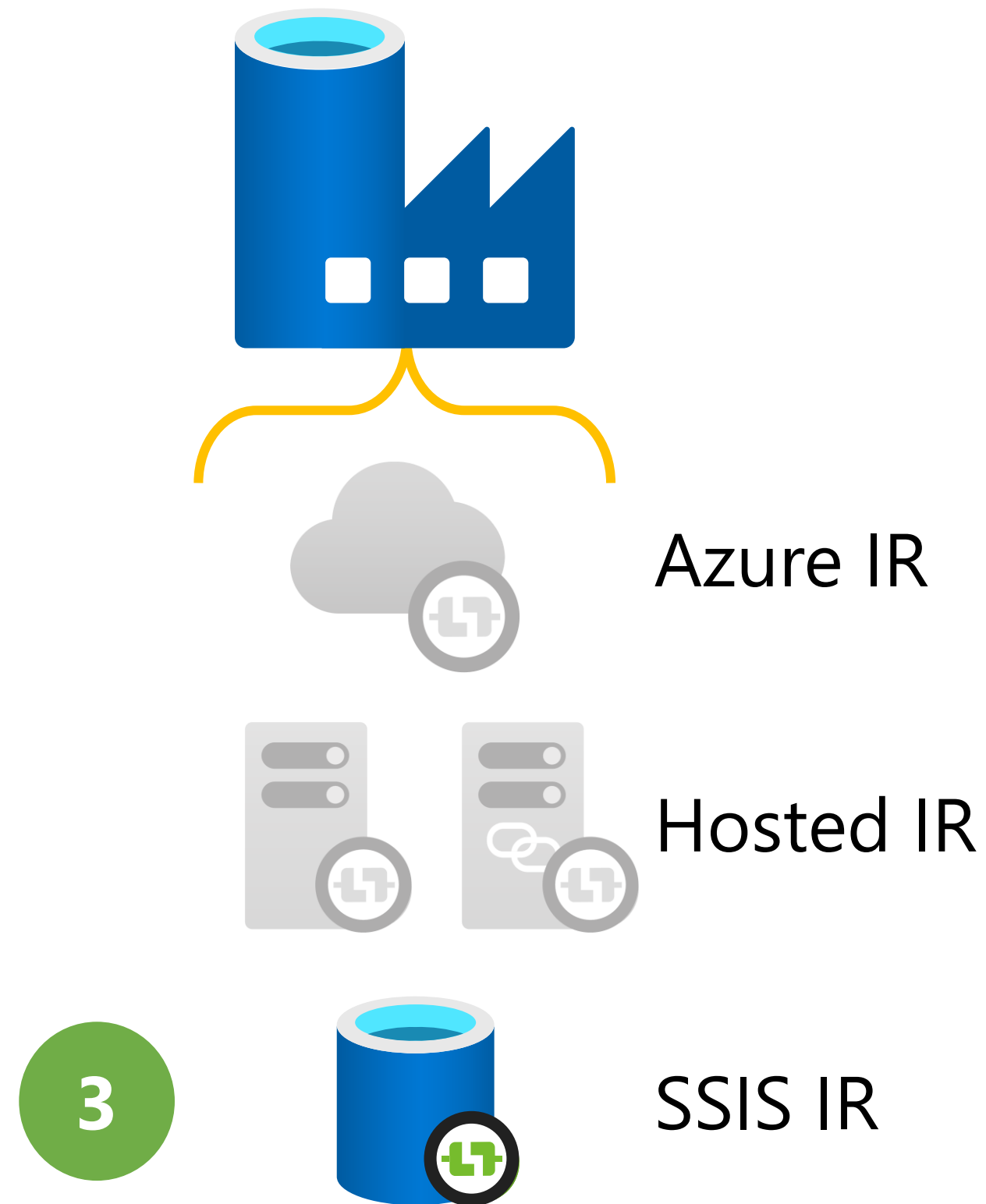
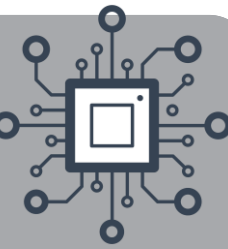
- Compute Types

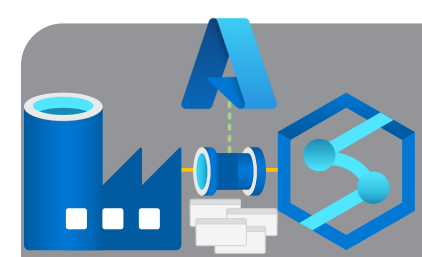
- Azure
- Hosted
- SSIS

- Patterns & Configuration

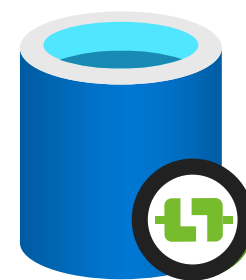
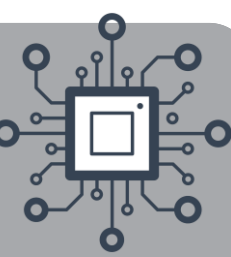


What can an Integration Runtime do?

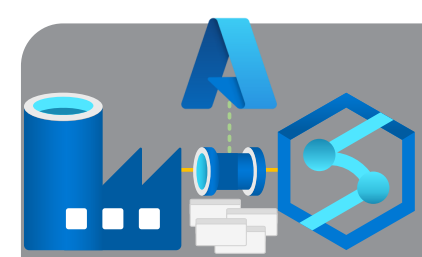




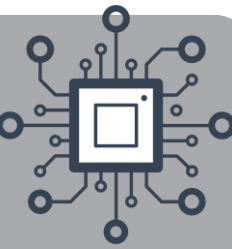
Running an SSIS Package in Azure



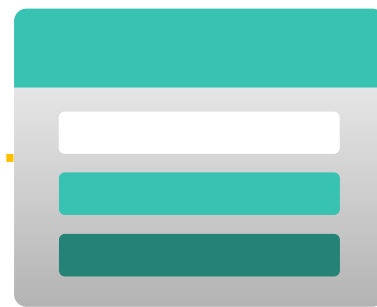
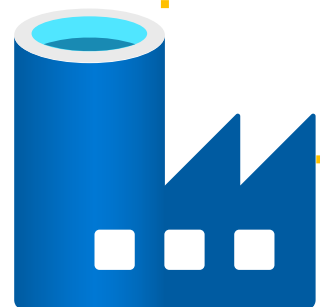
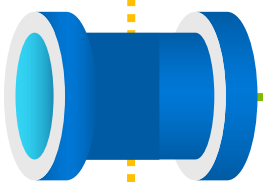
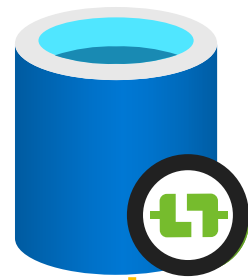
SSIS IR



Running an SSIS Package in Azure

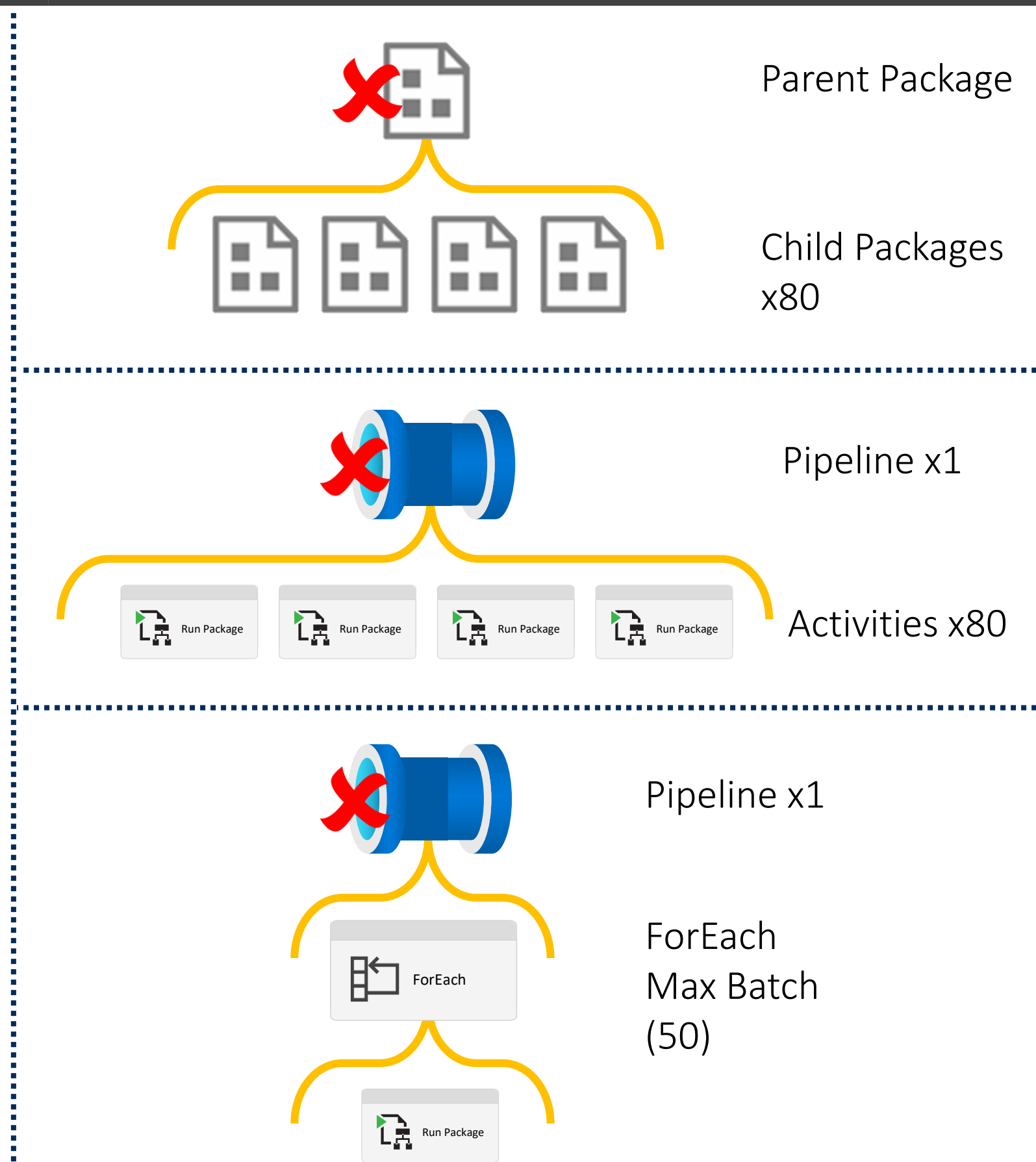
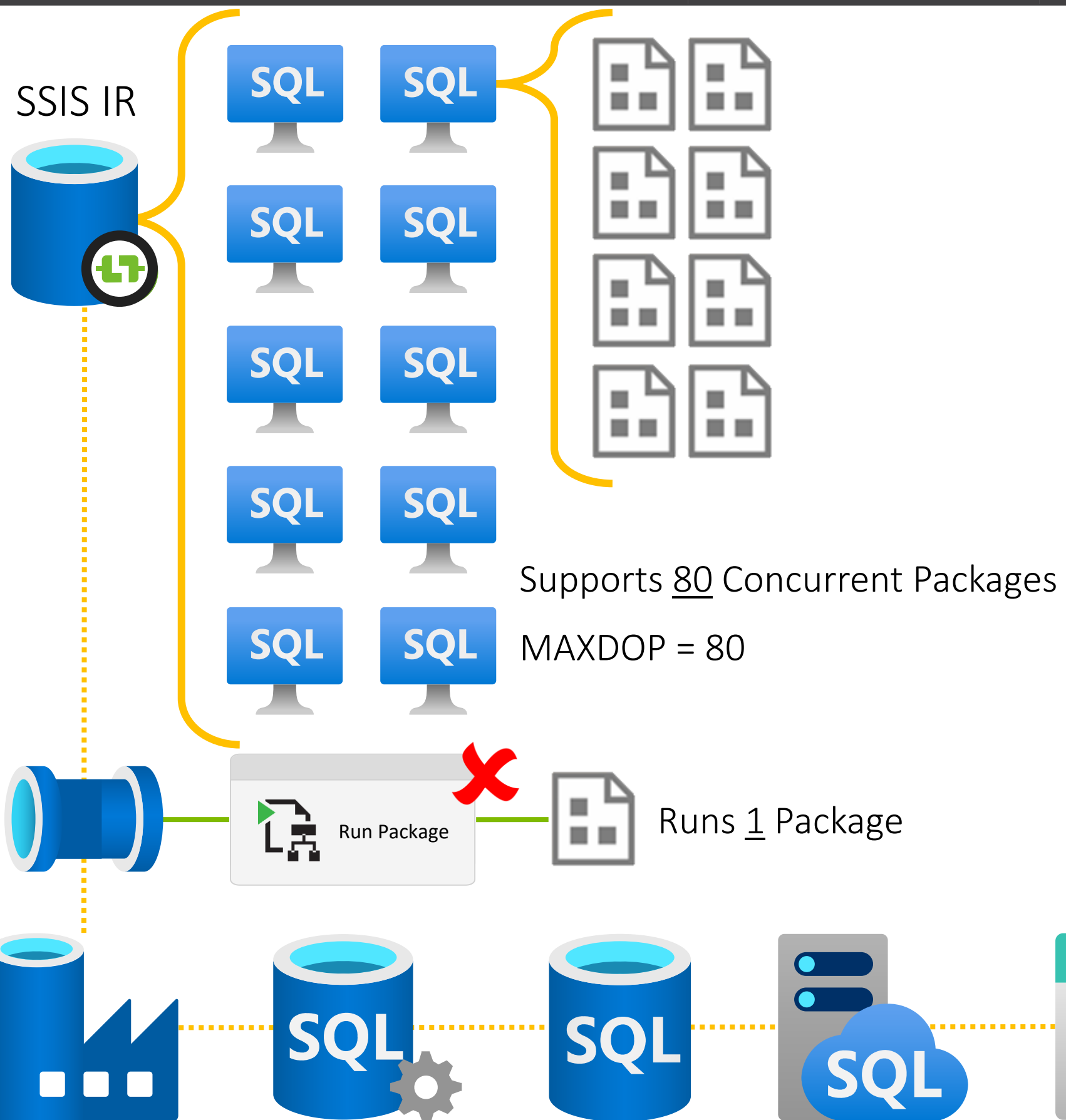


SSIS IR



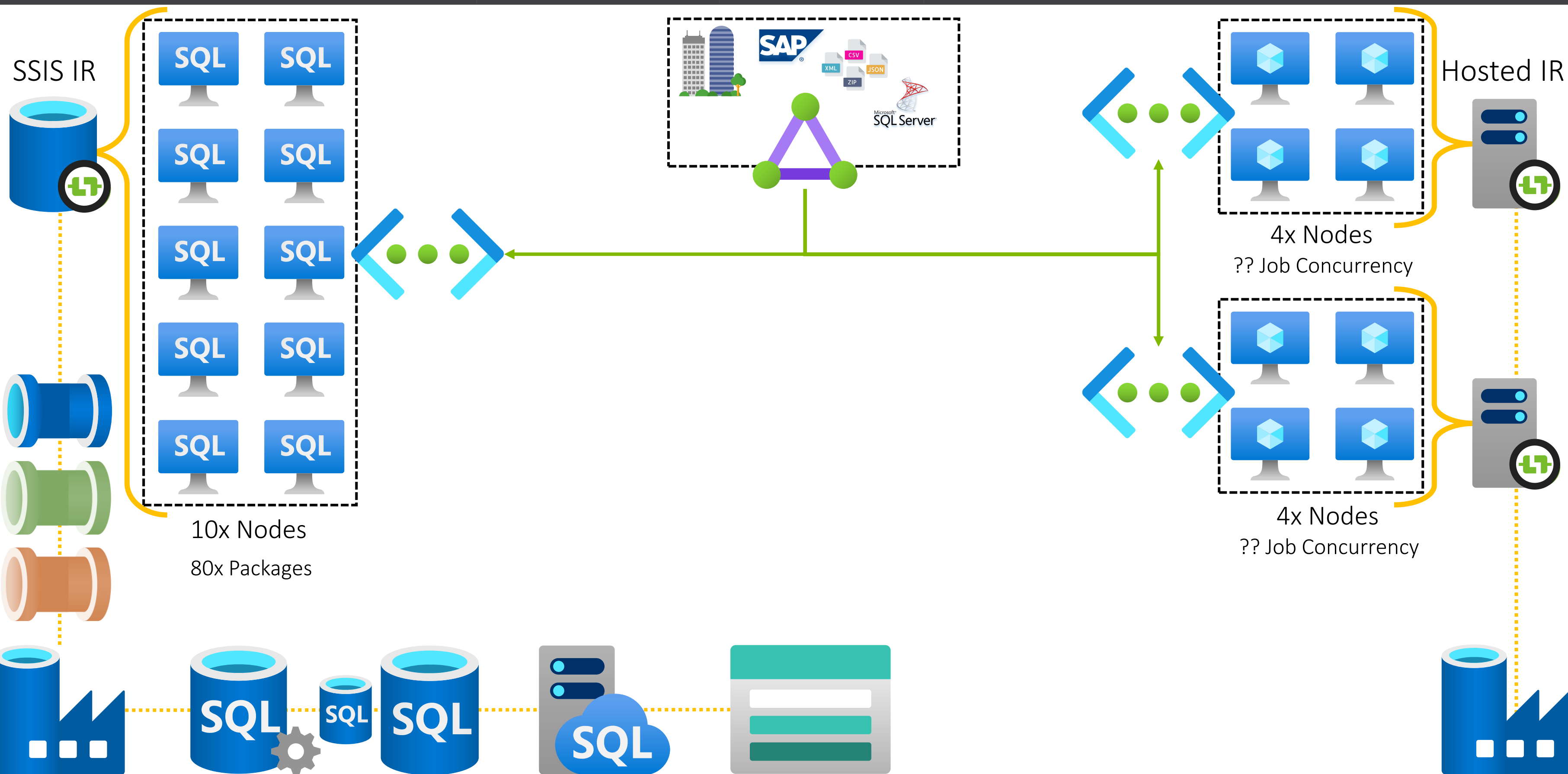


Problem: Using All Of The SSIS IR Compute



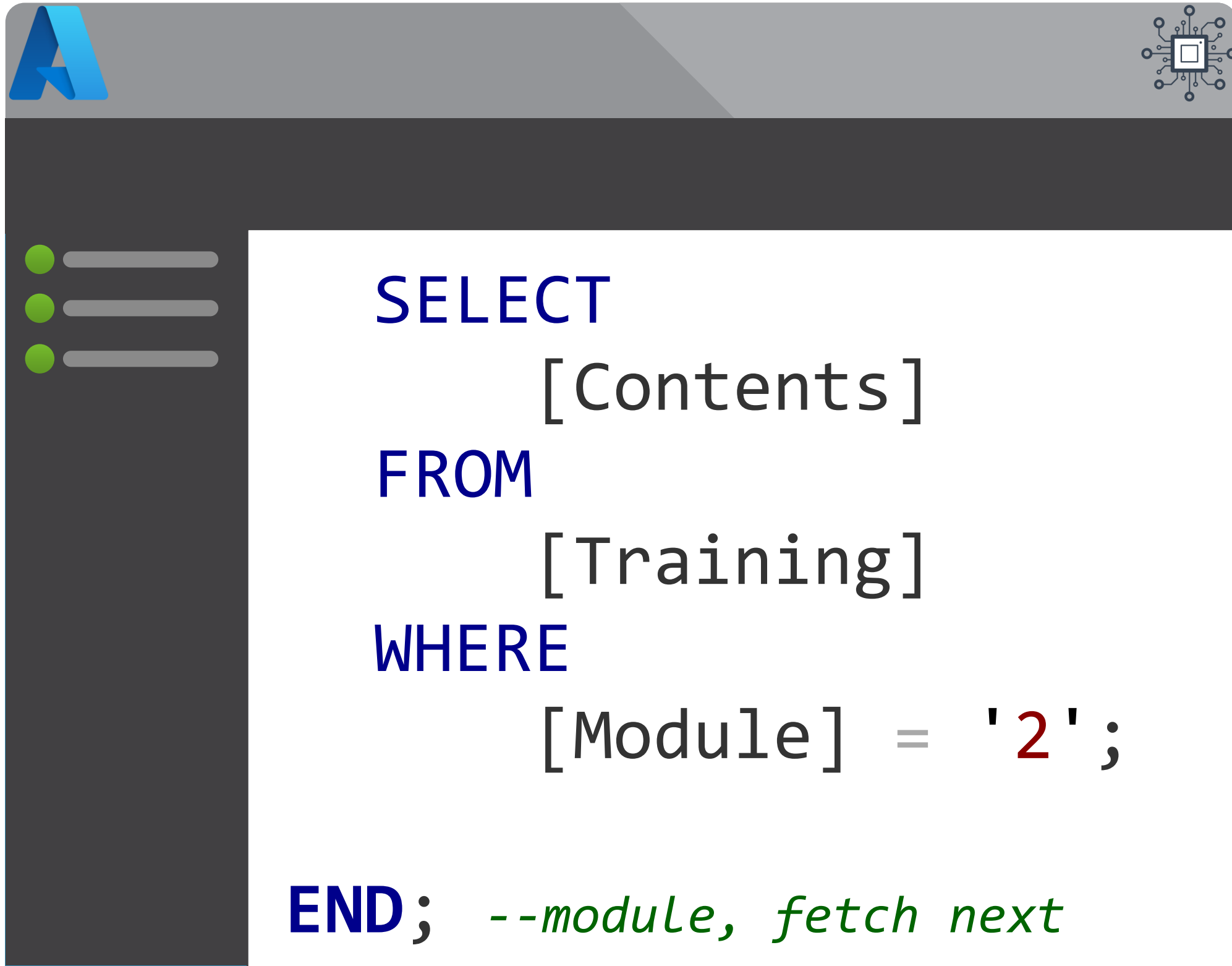


What are the advantages of using this pattern?



Module 2

Integration Runtime Design Patterns



- Compute Types
 - Azure
 - Hosted
 - SSIS
- Patterns & Configuration