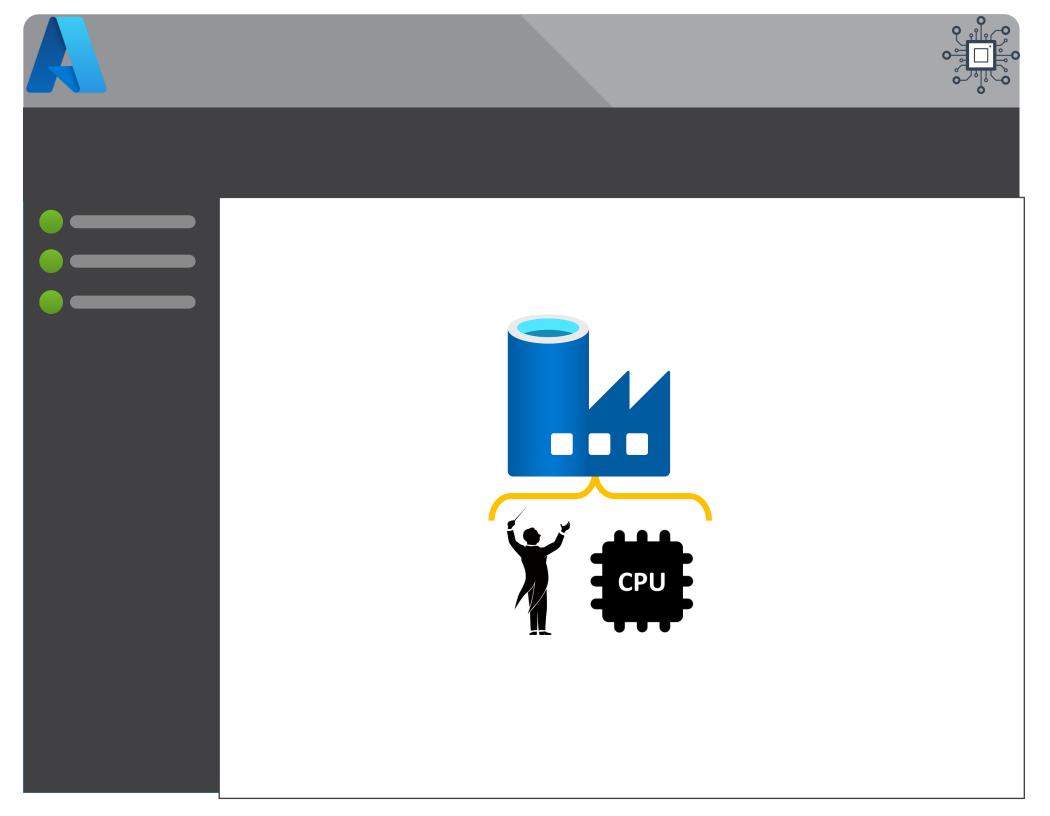


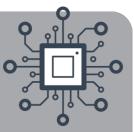
- Compute Types
  - Azure
  - Hosted
  - SSIS
- Patterns & Configuration



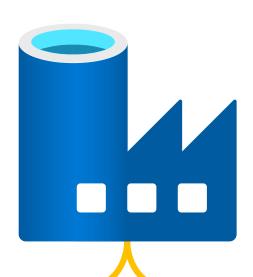
- Compute Types
  - Azure
  - Hosted
  - SSIS
- Patterns & Configuration



### What is an Integration Runtime?



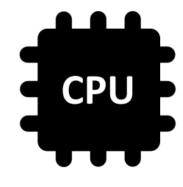






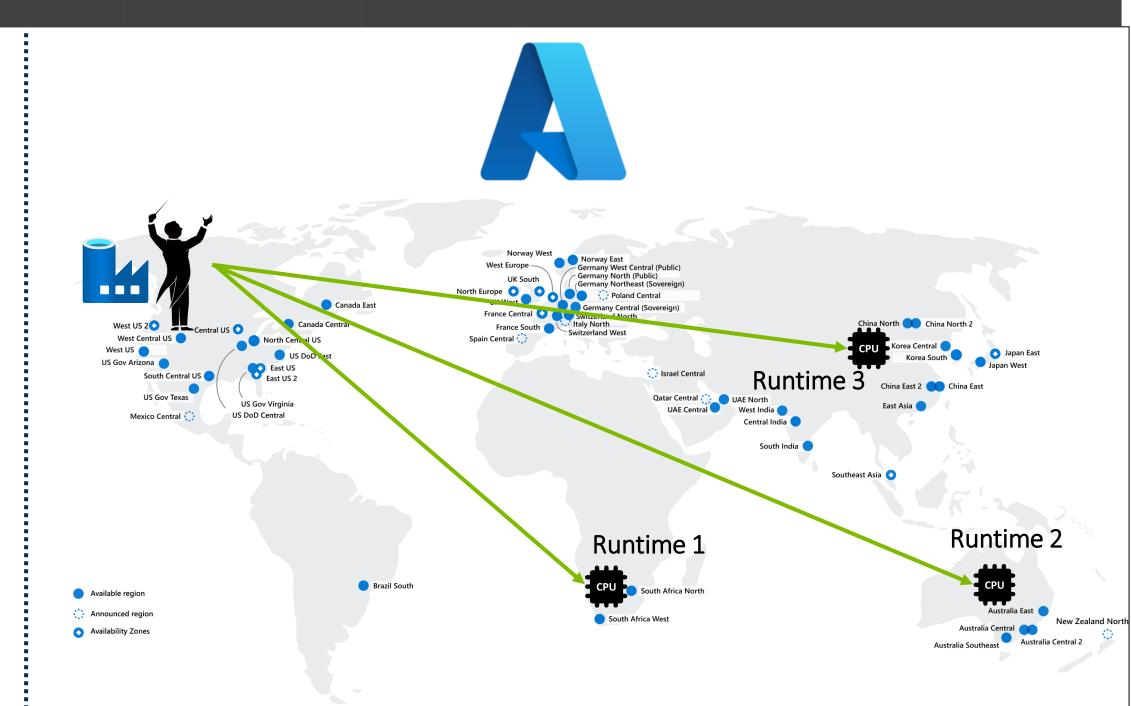
Orchestrator





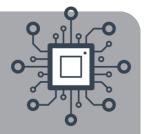
Runtime

Flexible Location

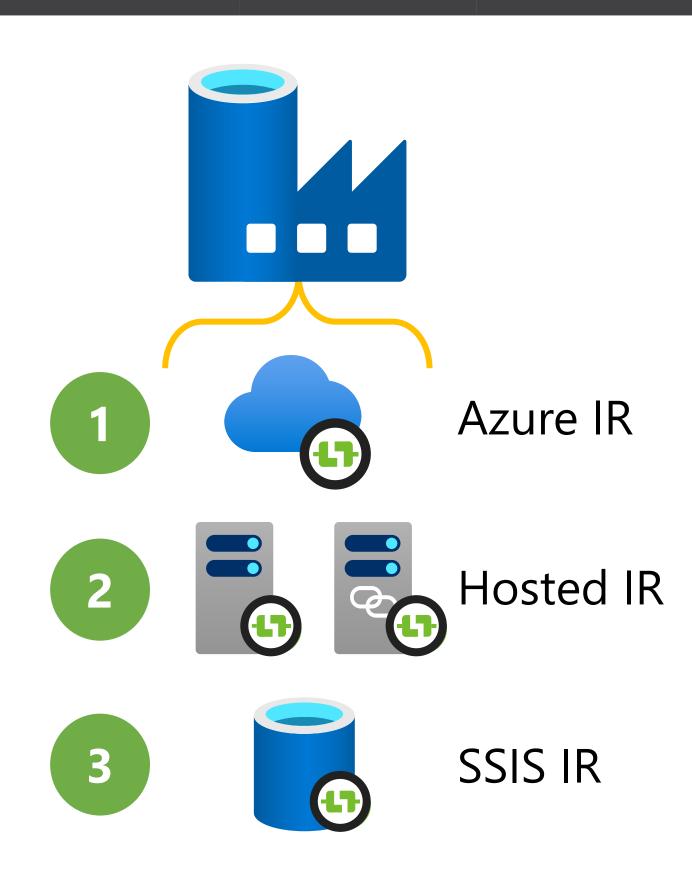


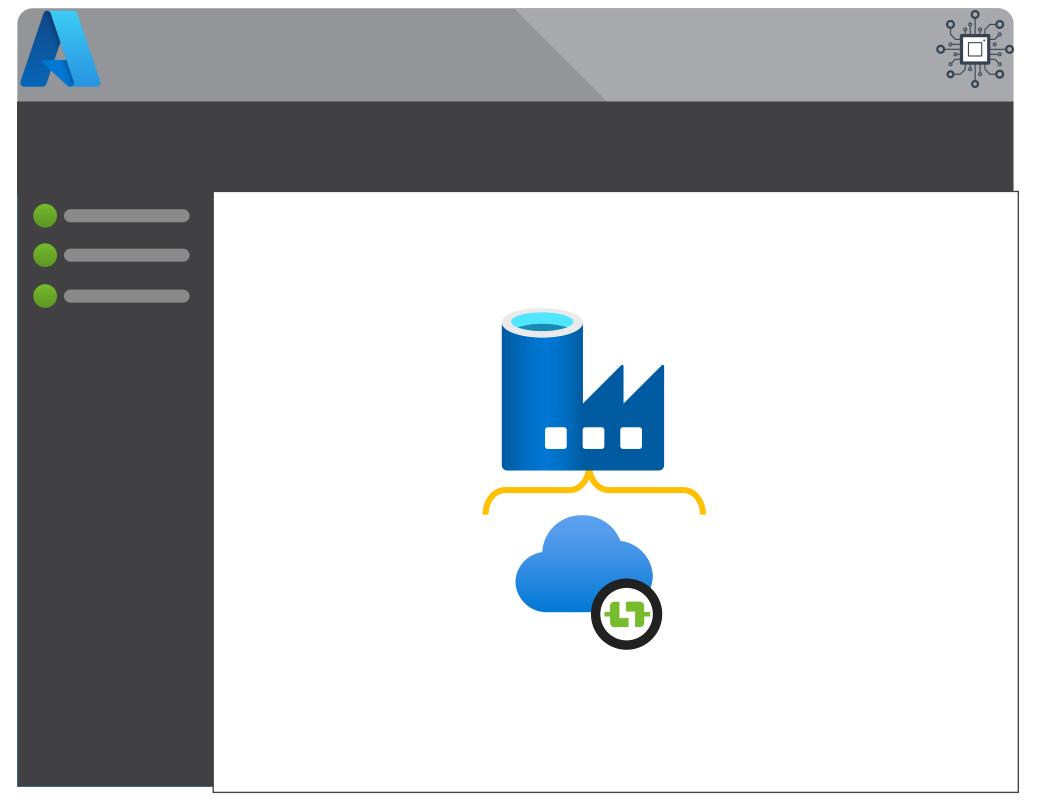


#### What can an Integration Runtime do?





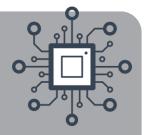




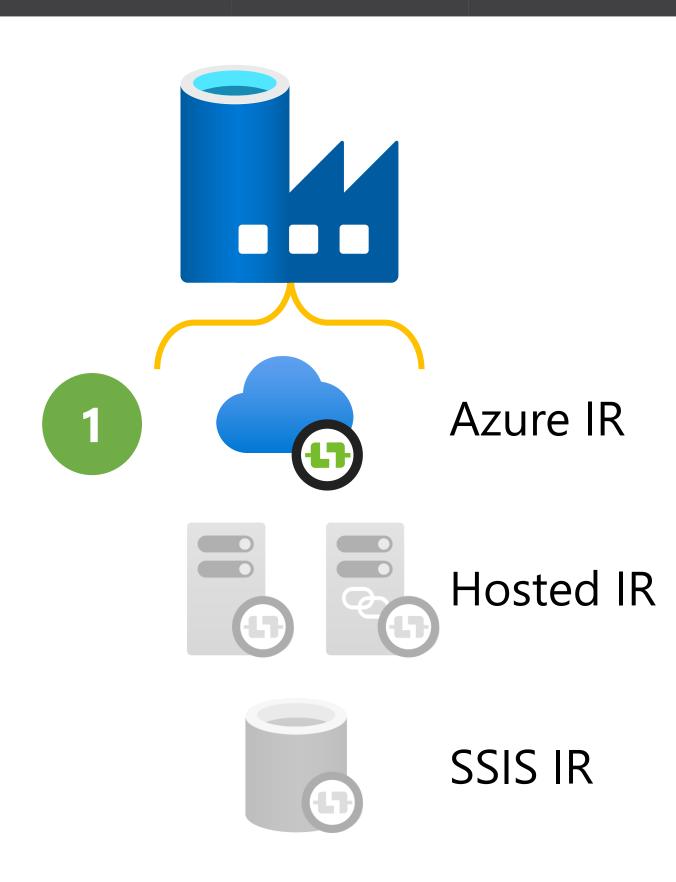
- Compute Types
  - Azure
  - Hosted
  - SSIS
- Patterns & Configuration



### What can an Integration Runtime do?

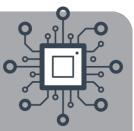


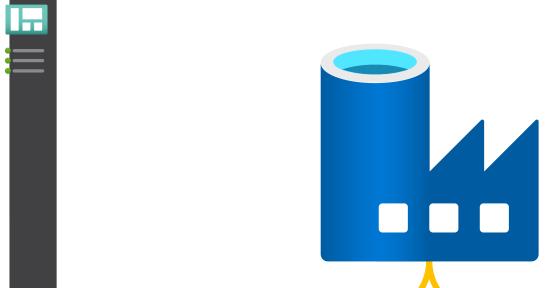






#### What is an Integration Runtime?







Orchestrator



Fixed Region

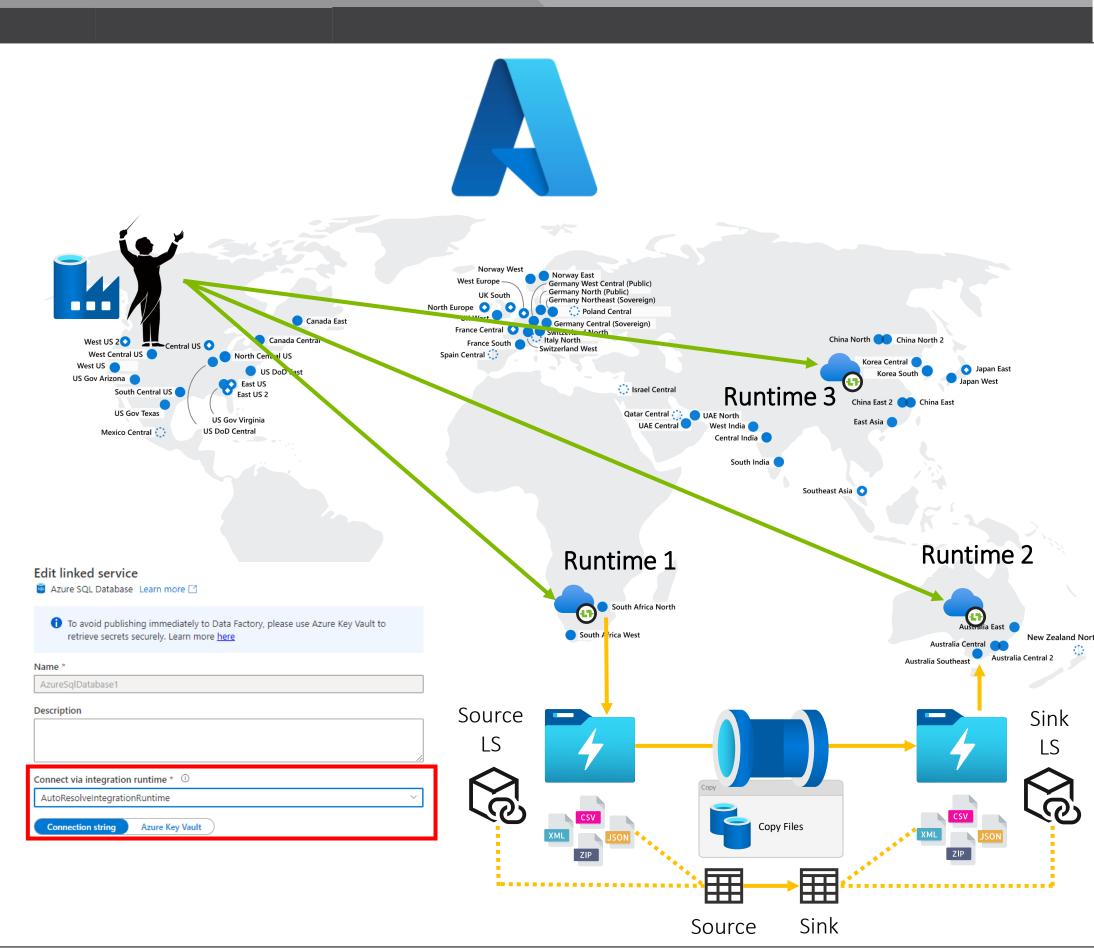


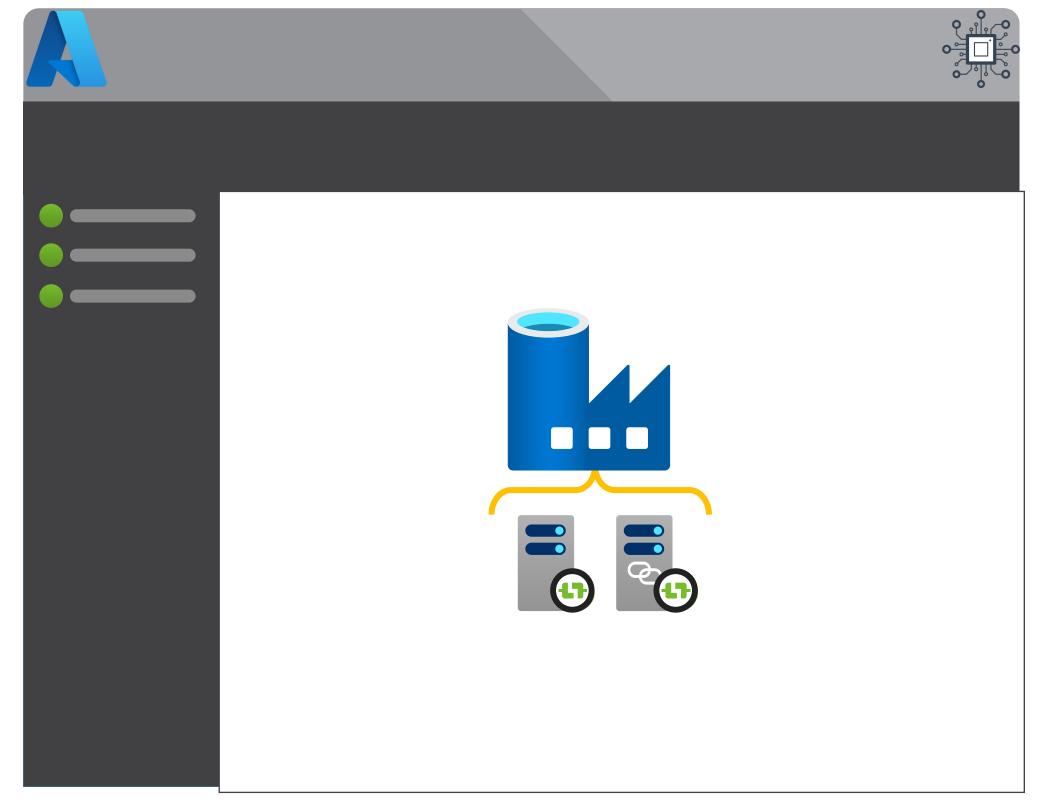
Runtime

Flexible Location



AutoResolveIntegrationRuntime

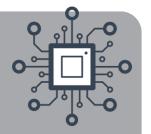




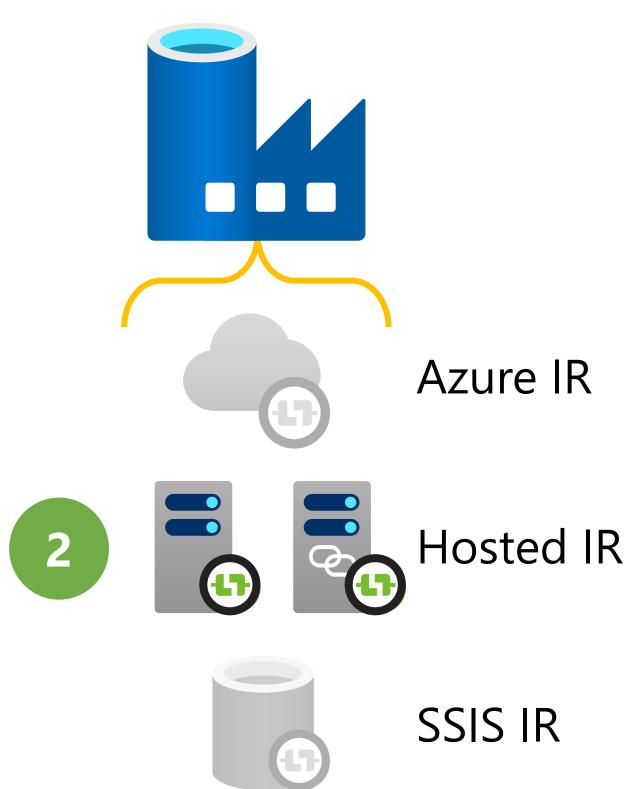
- Compute Types
  - Azure
  - Hosted
  - SSIS
- Patterns & Configuration



### What can an Integration Runtime do?



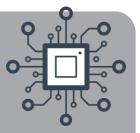


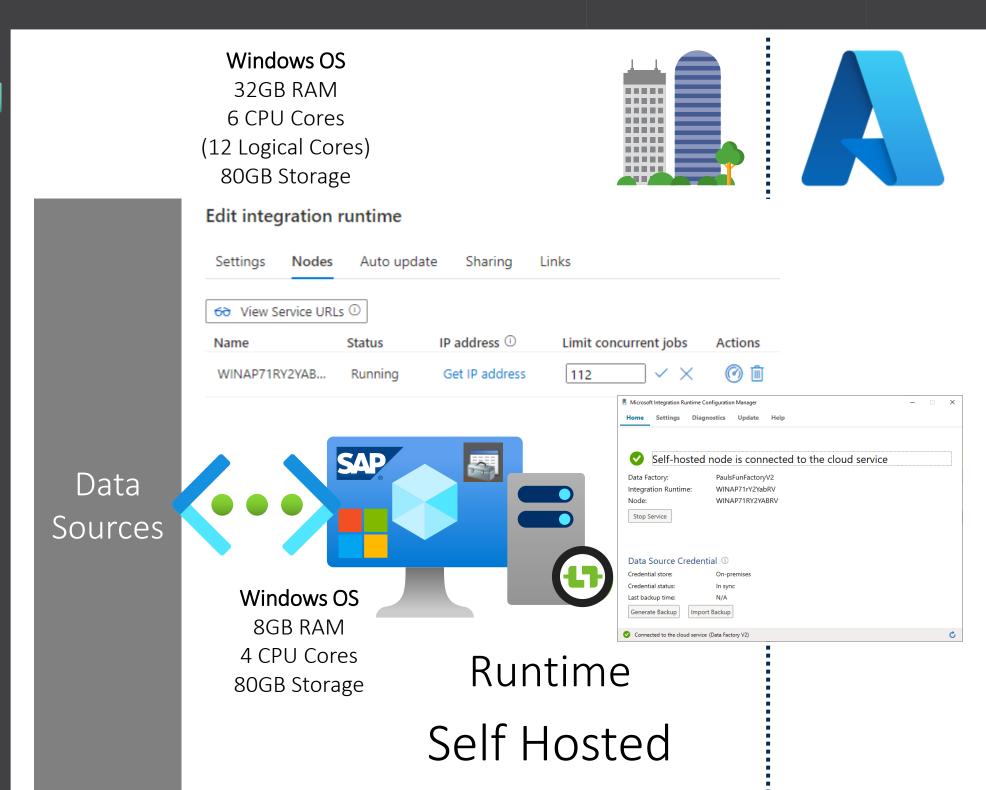


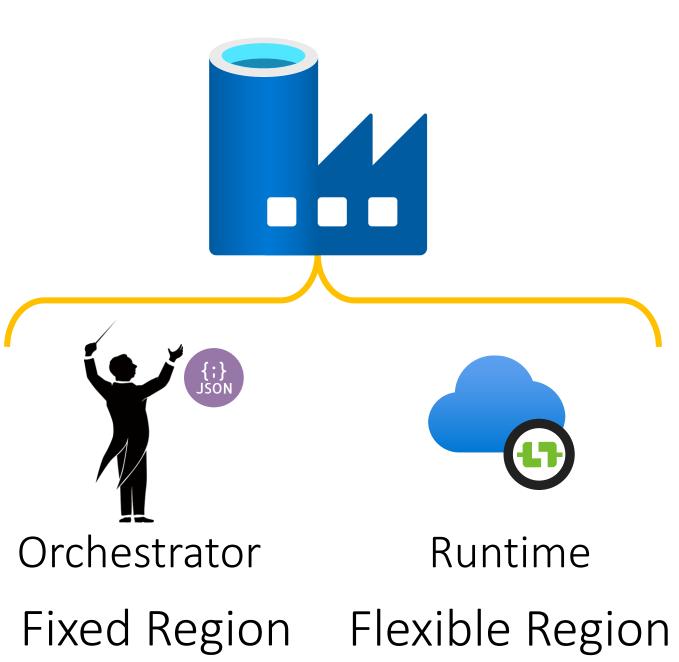




#### Hosted Integration Runtime

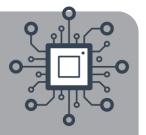


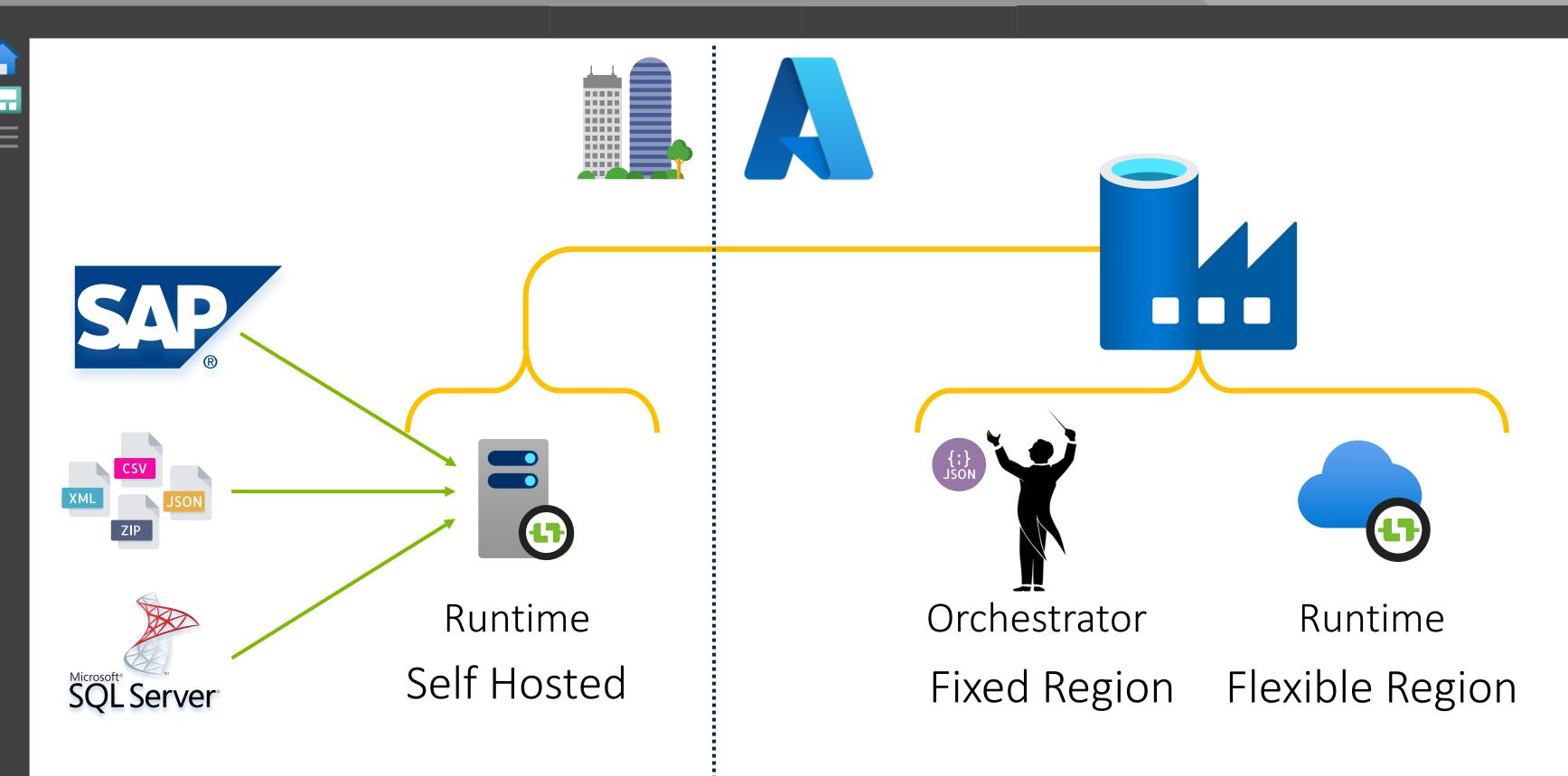






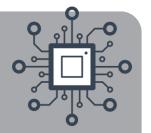
### Hosted Integration Runtime

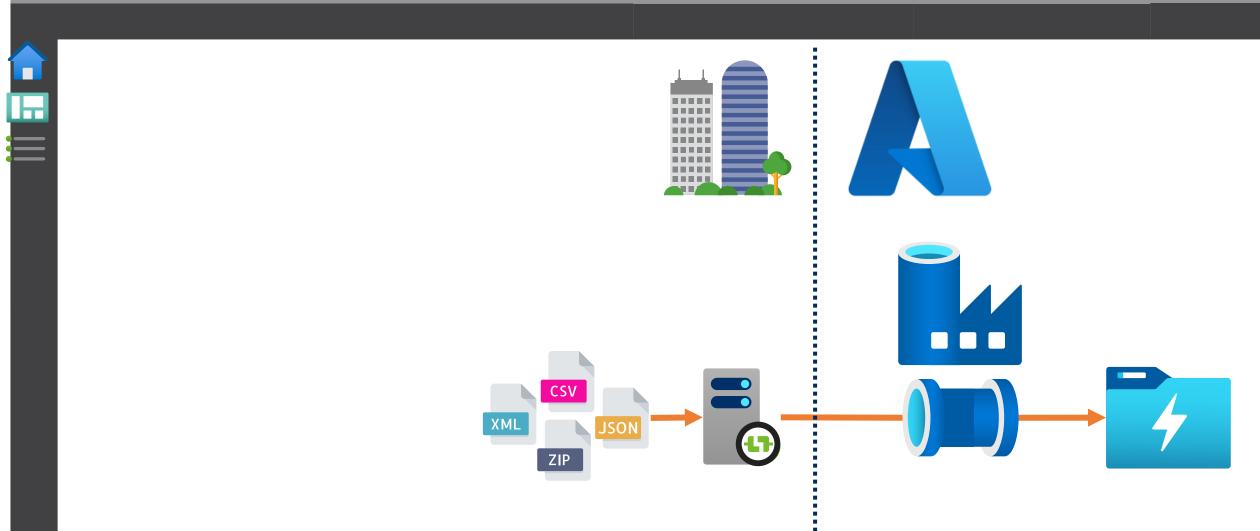






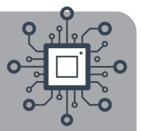
# Single Hosted IR

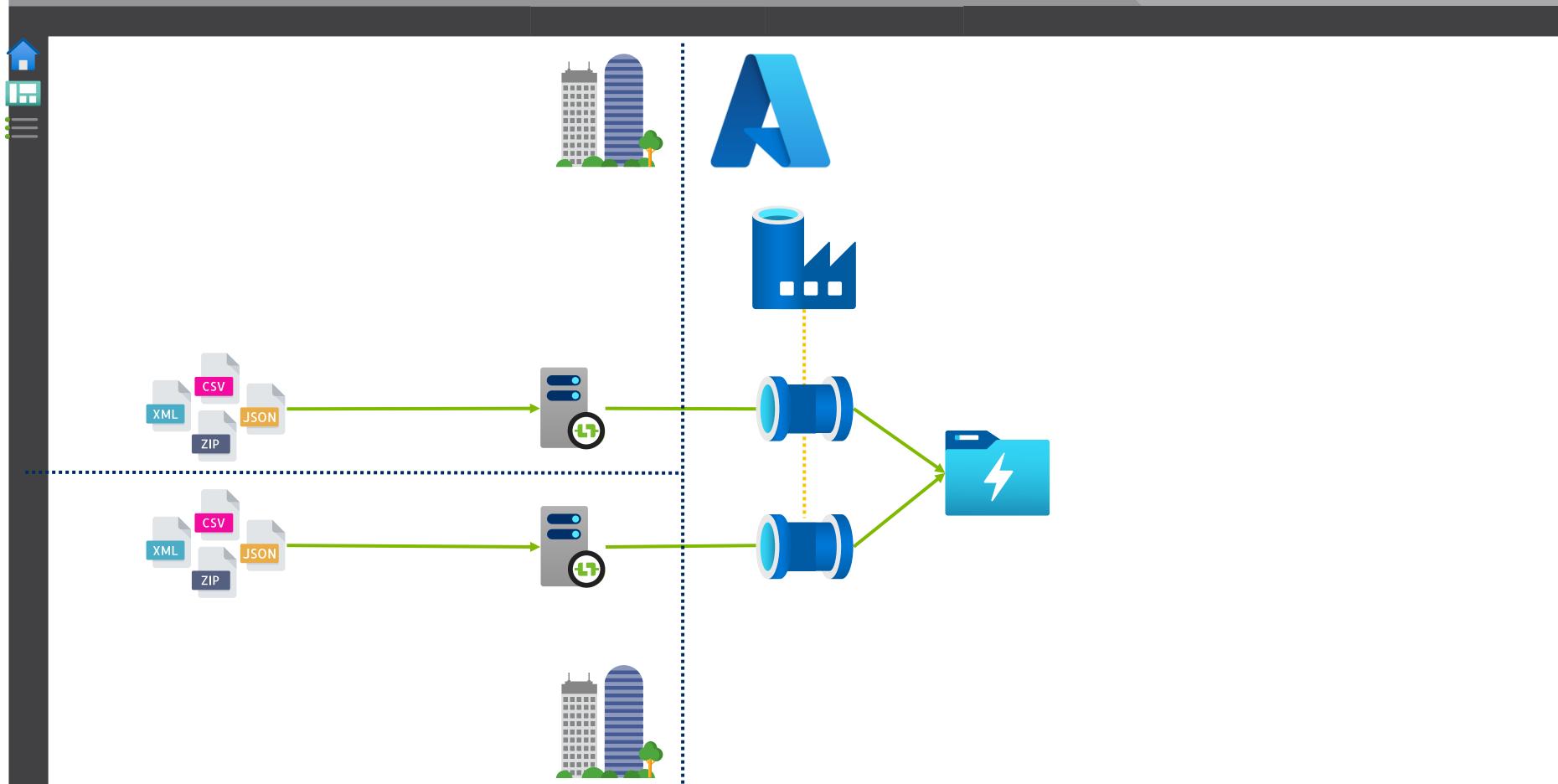


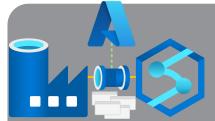




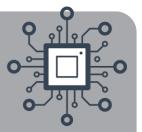
### Multiple Hosted IR's at Different Sites

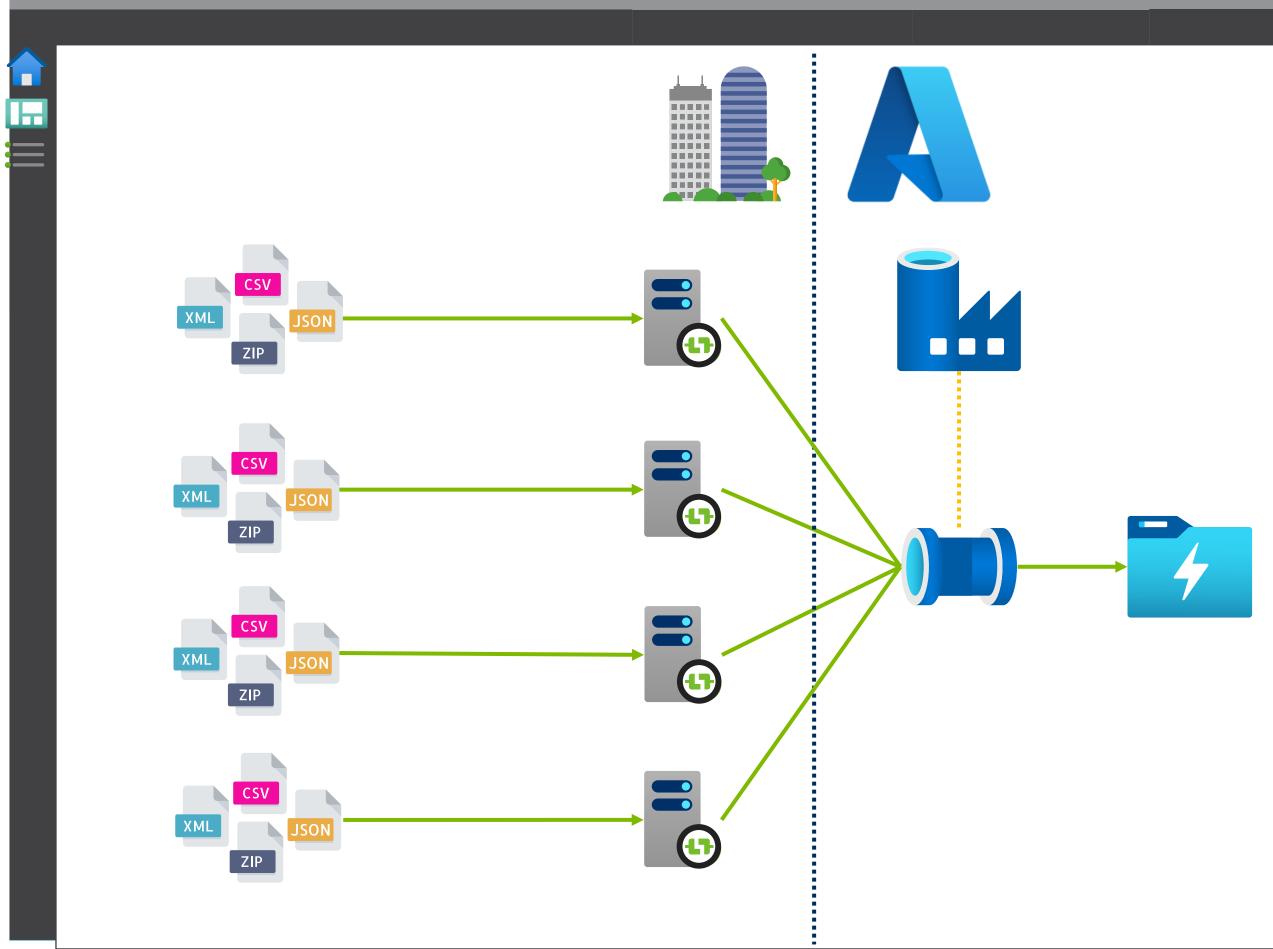






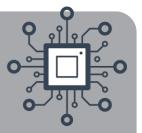
## Multiple Hosted IR's as Separate Endpoints

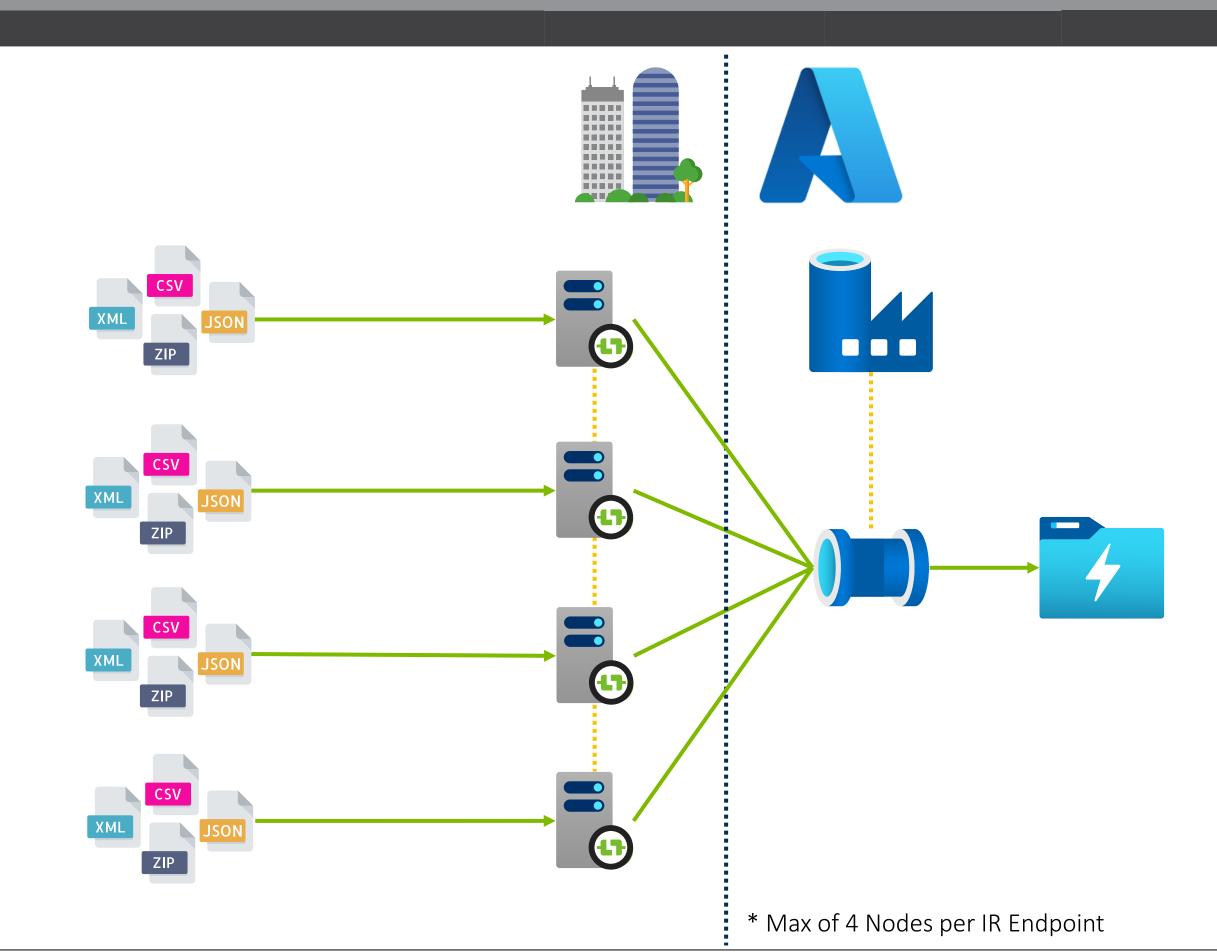






# Single Hosted IR with Multiple Nodes

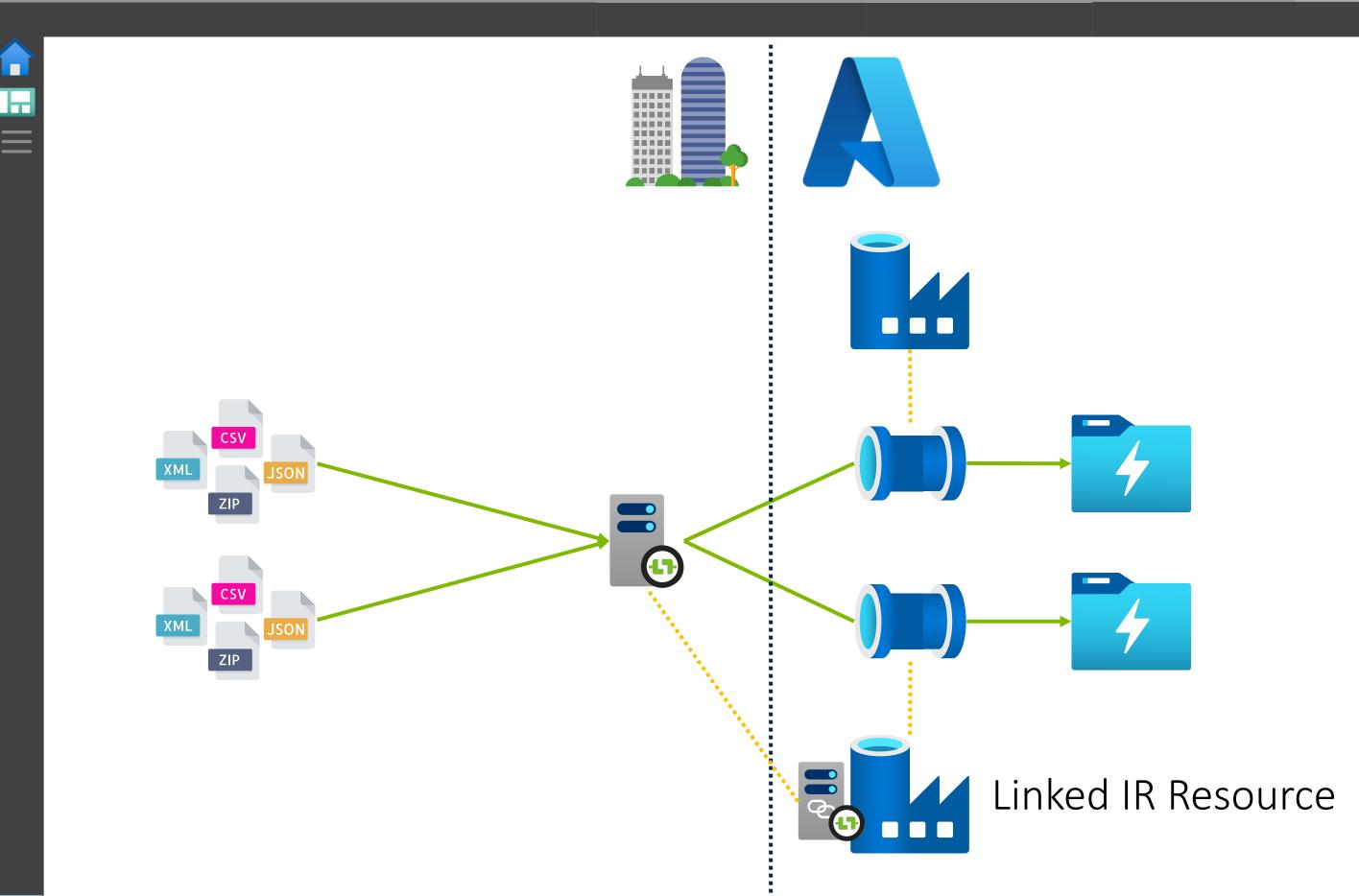






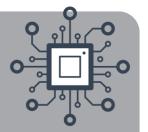
### Single Hosted IR Linked to Multiple Data Factories

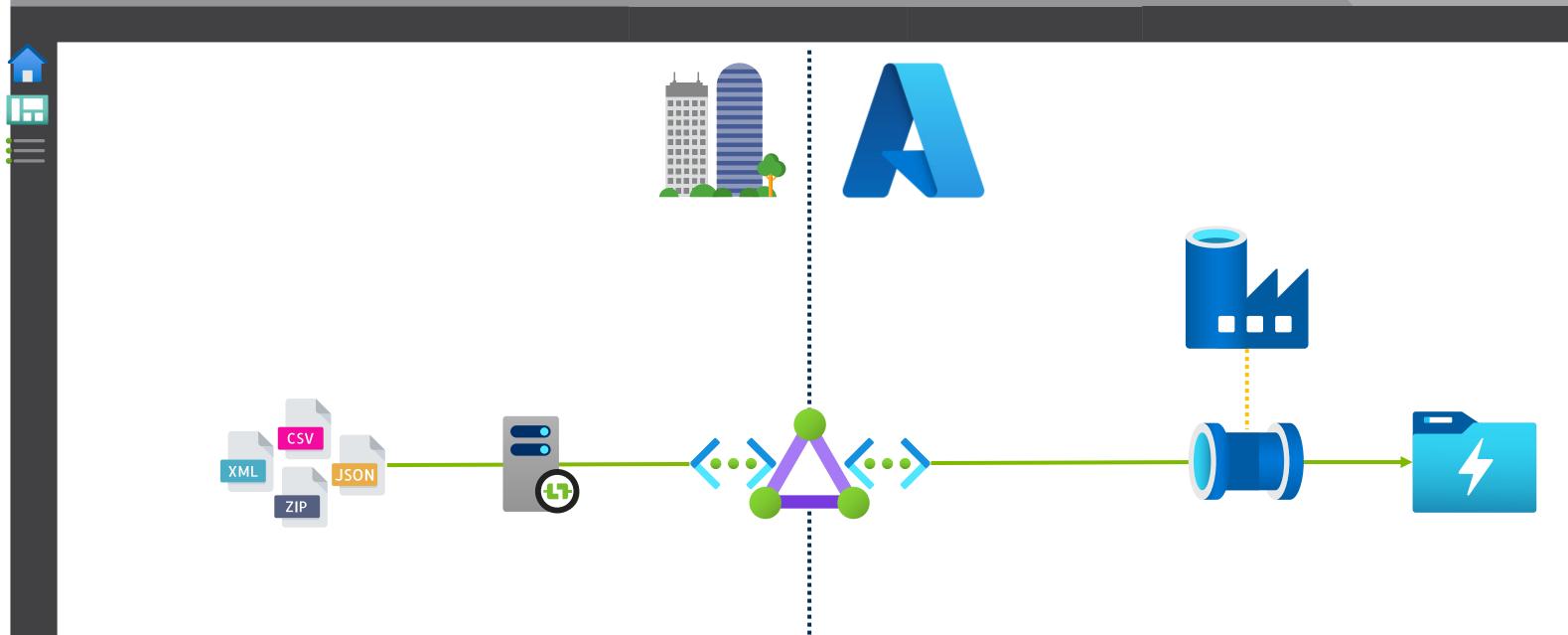






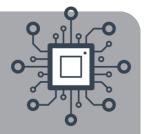
### Hosted IR's with Express Route Connections

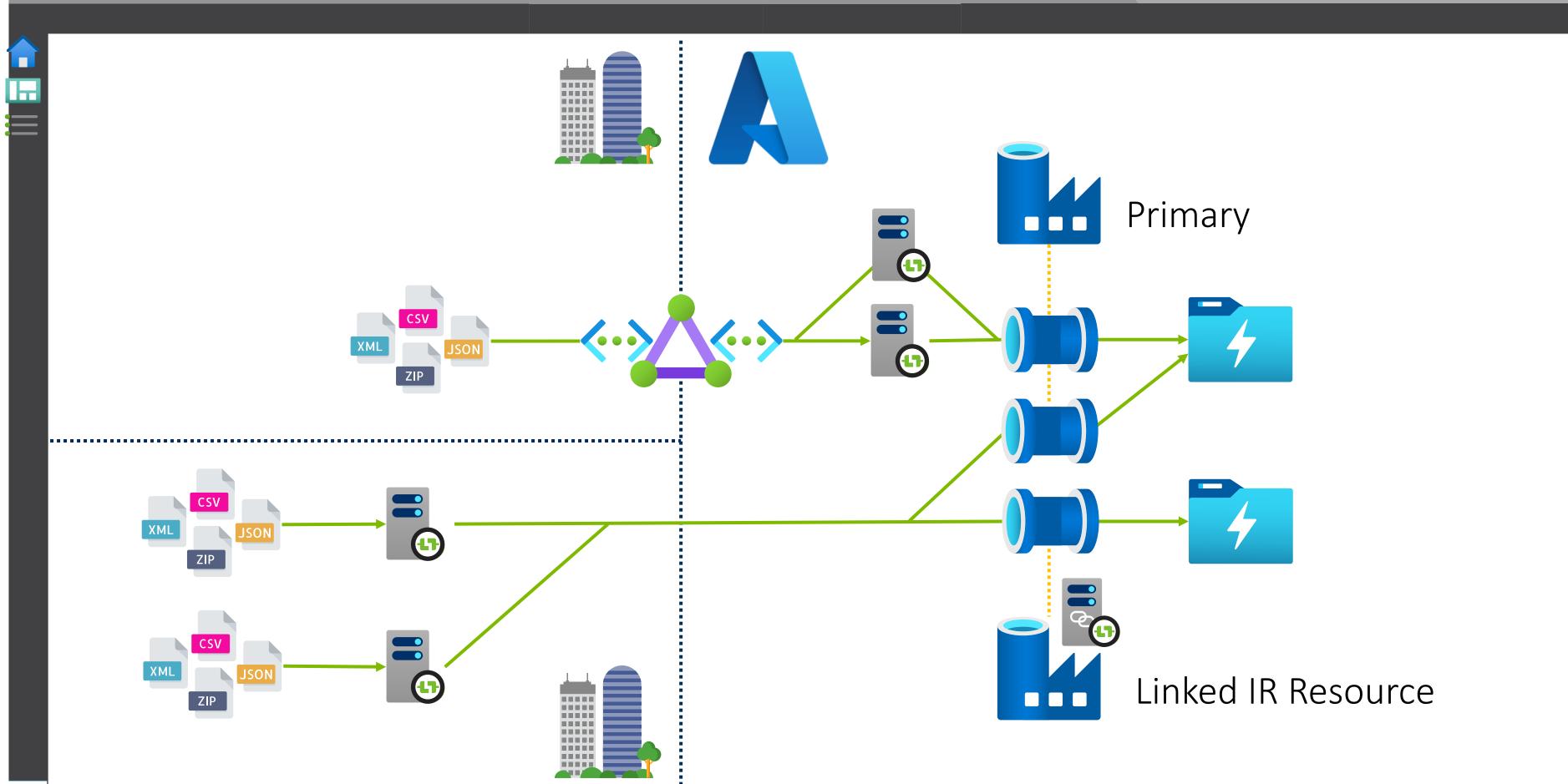


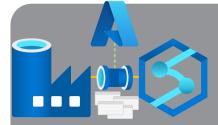




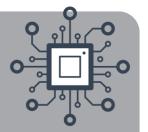
### Hosted IR Combinations

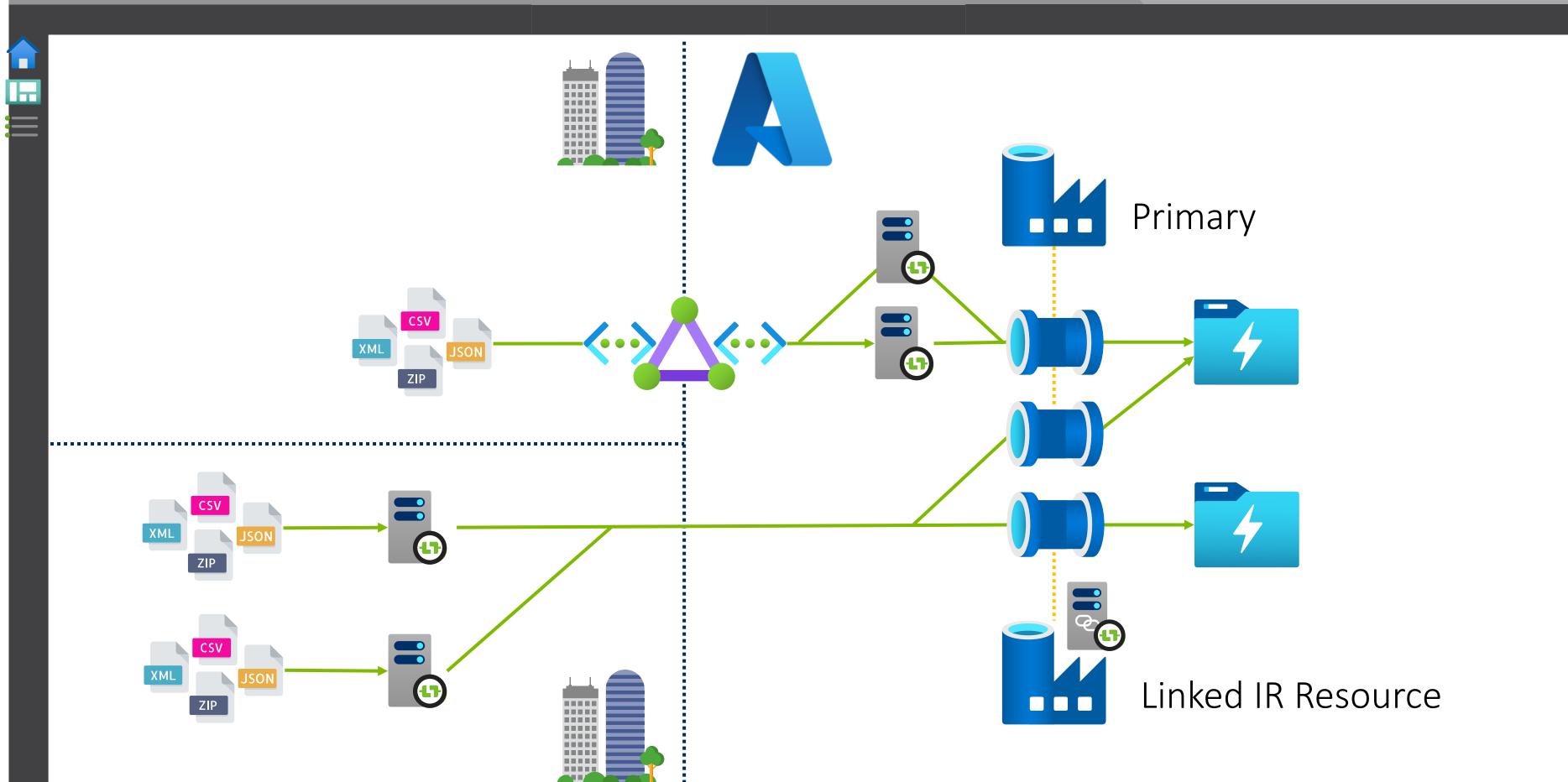






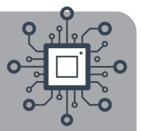
### Horizontal vs Vertical Environment Processing

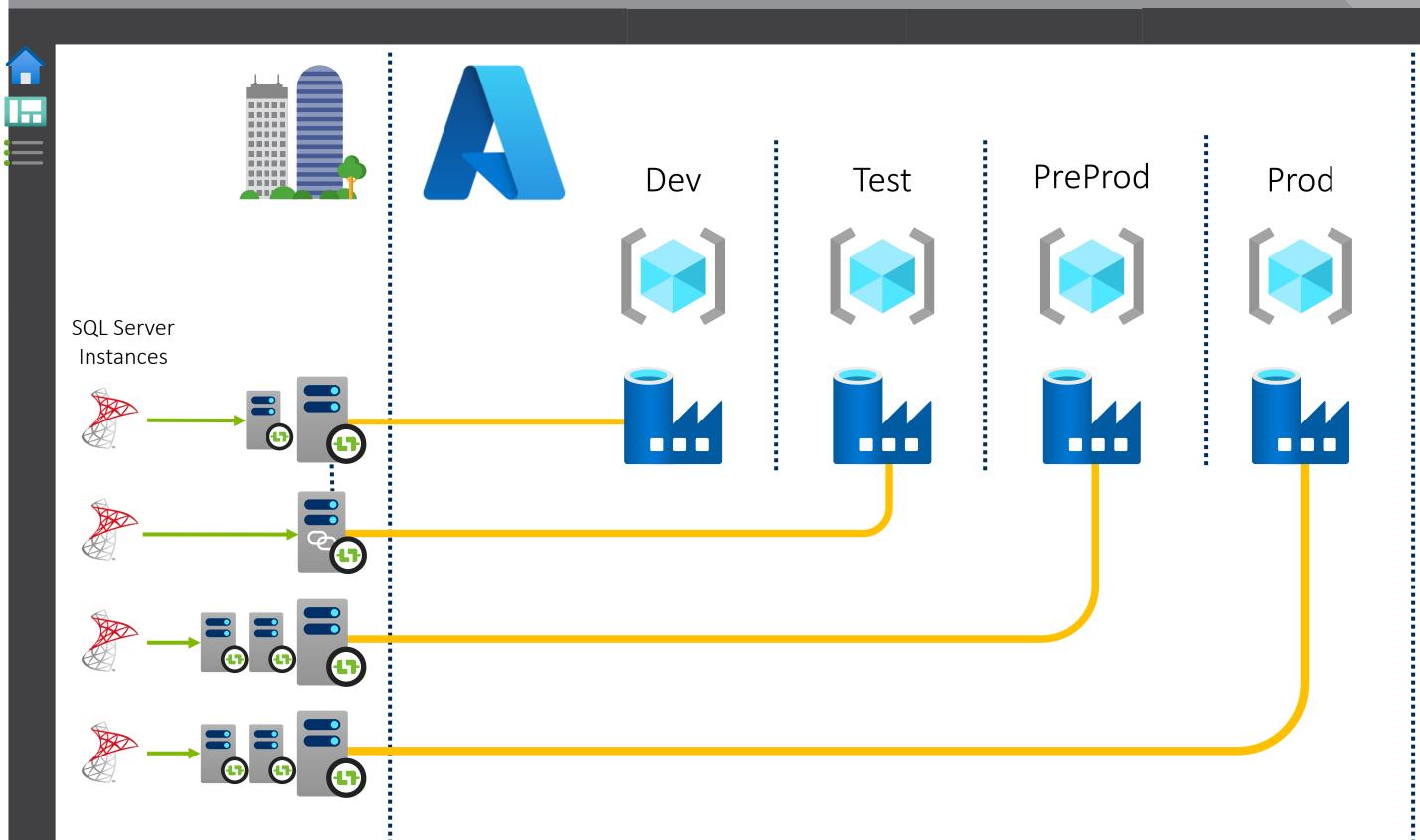






### Hosted IR's vs Environments





25x Sites4x Environments

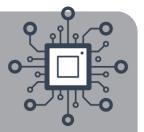
2x IR's for Dev 1x Linked IR for Test (from Dev)

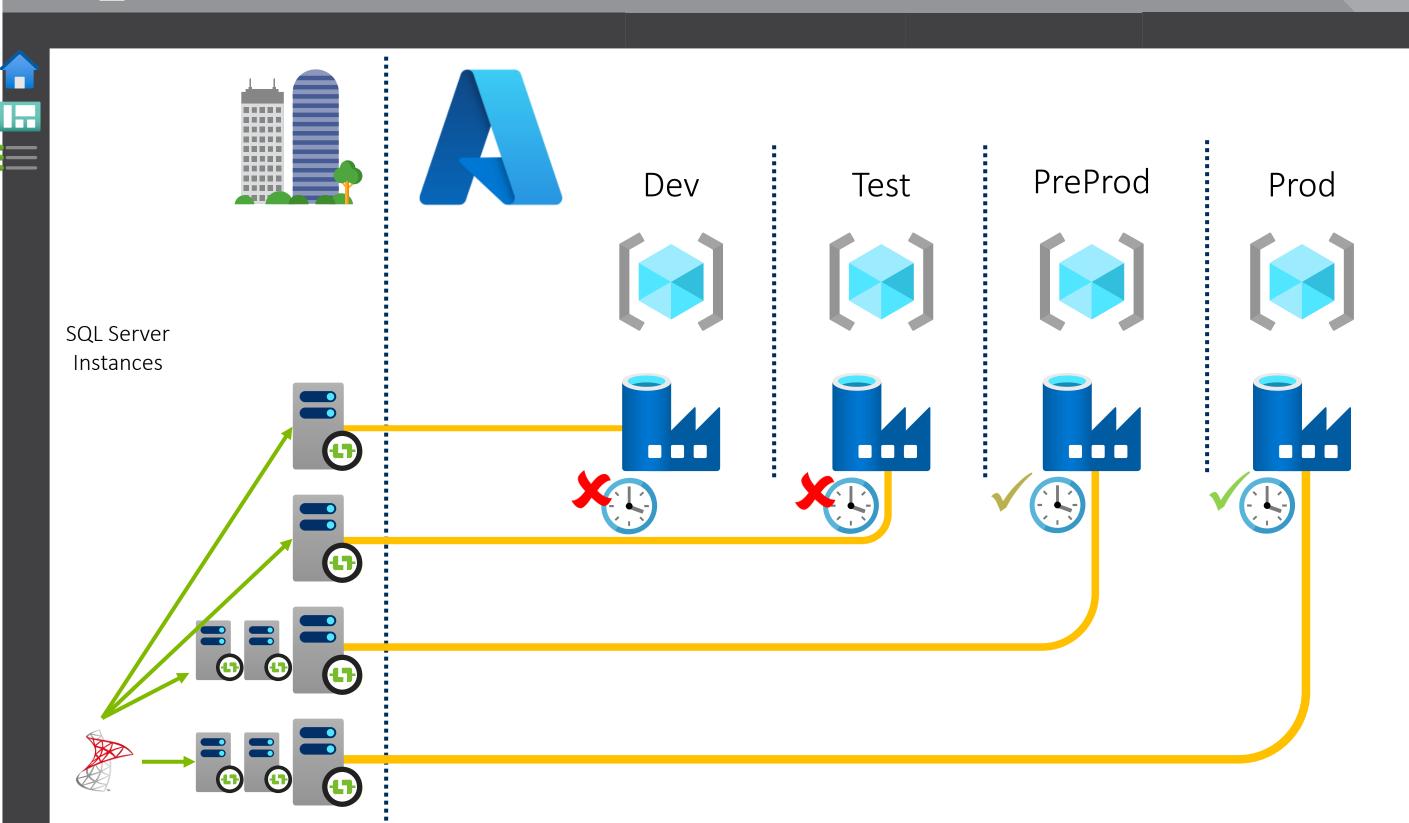
3x IR's for PreProd 3x IR's for Prod

8x Virtual Machines per Site 200x Virtual Machines Total



### Hosted IR's vs Environments





25x Sites4x Environments

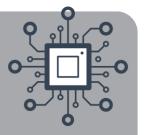
2x IR's for Dev 1x Linked IR for Test (from Dev)

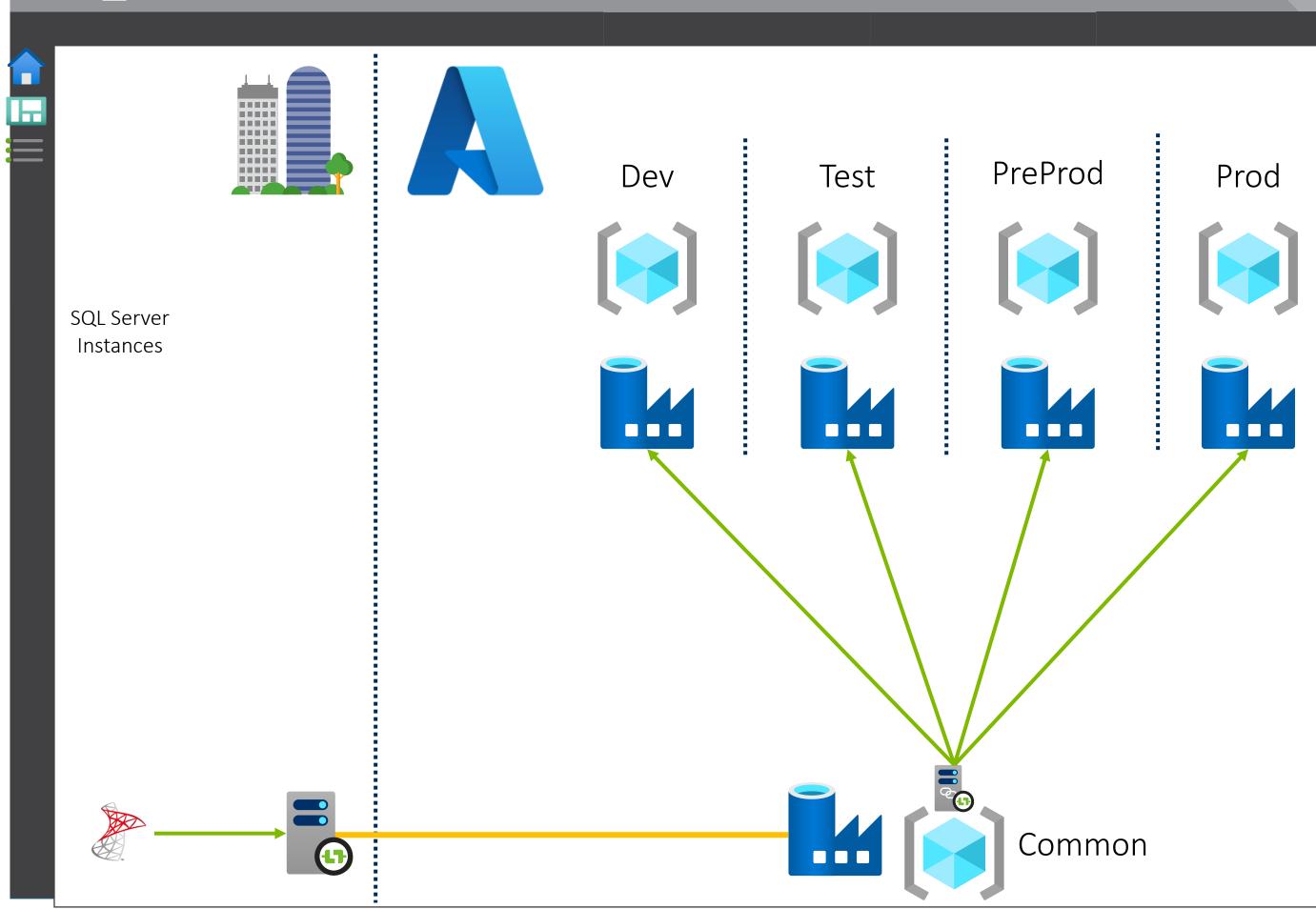
3x IR's for PreProd 3x IR's for Prod

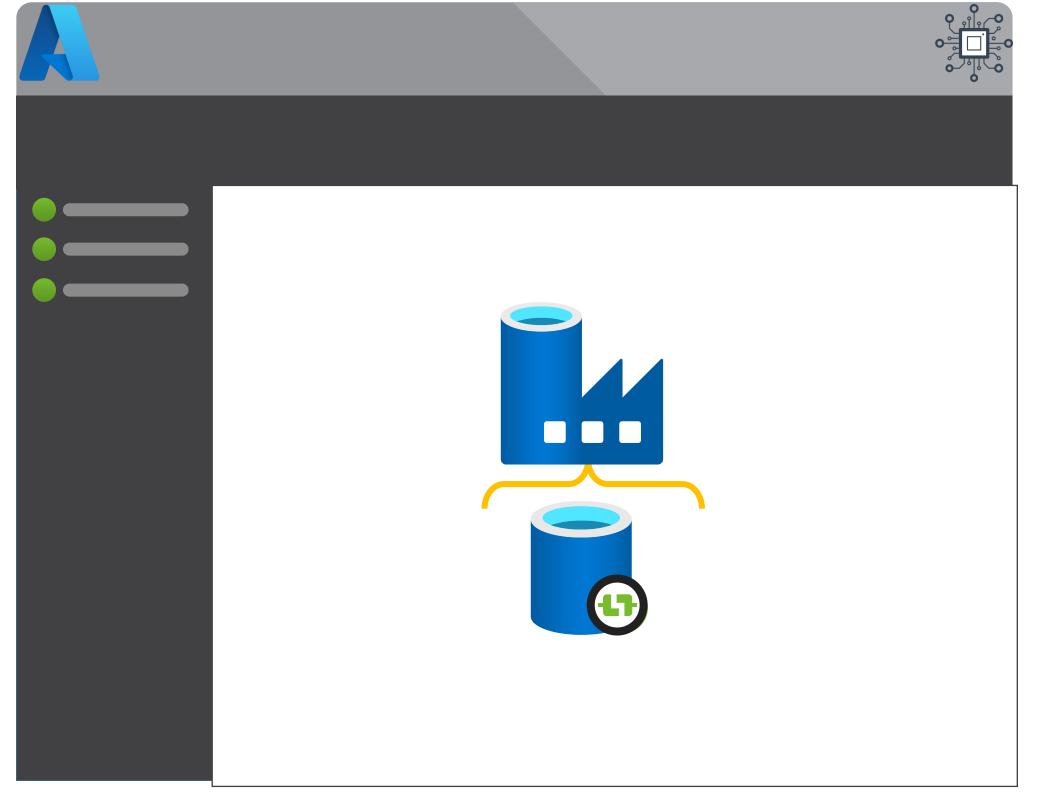
8x Virtual Machines per Site 200x Virtual Machines Total



### Hosted IR's vs Environments



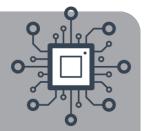




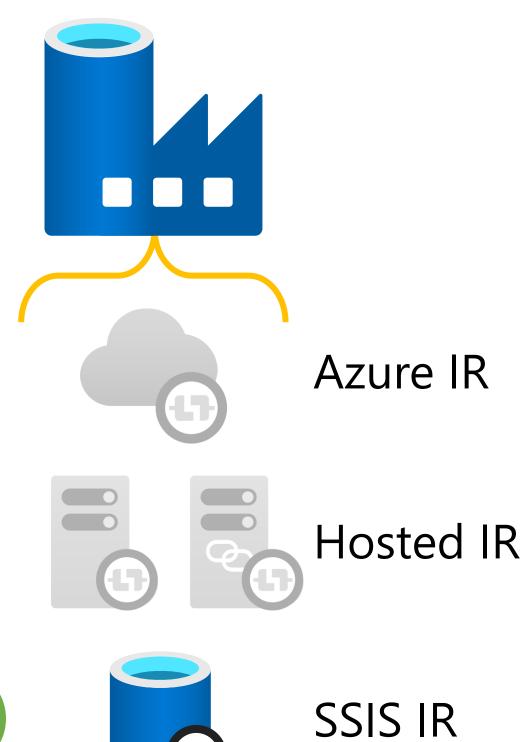
- Compute Types
  - Azure
  - Hosted
  - SSIS
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### What can an Integration Runtime do?





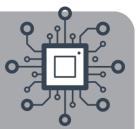








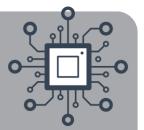
# Running an SSIS Package in Azure

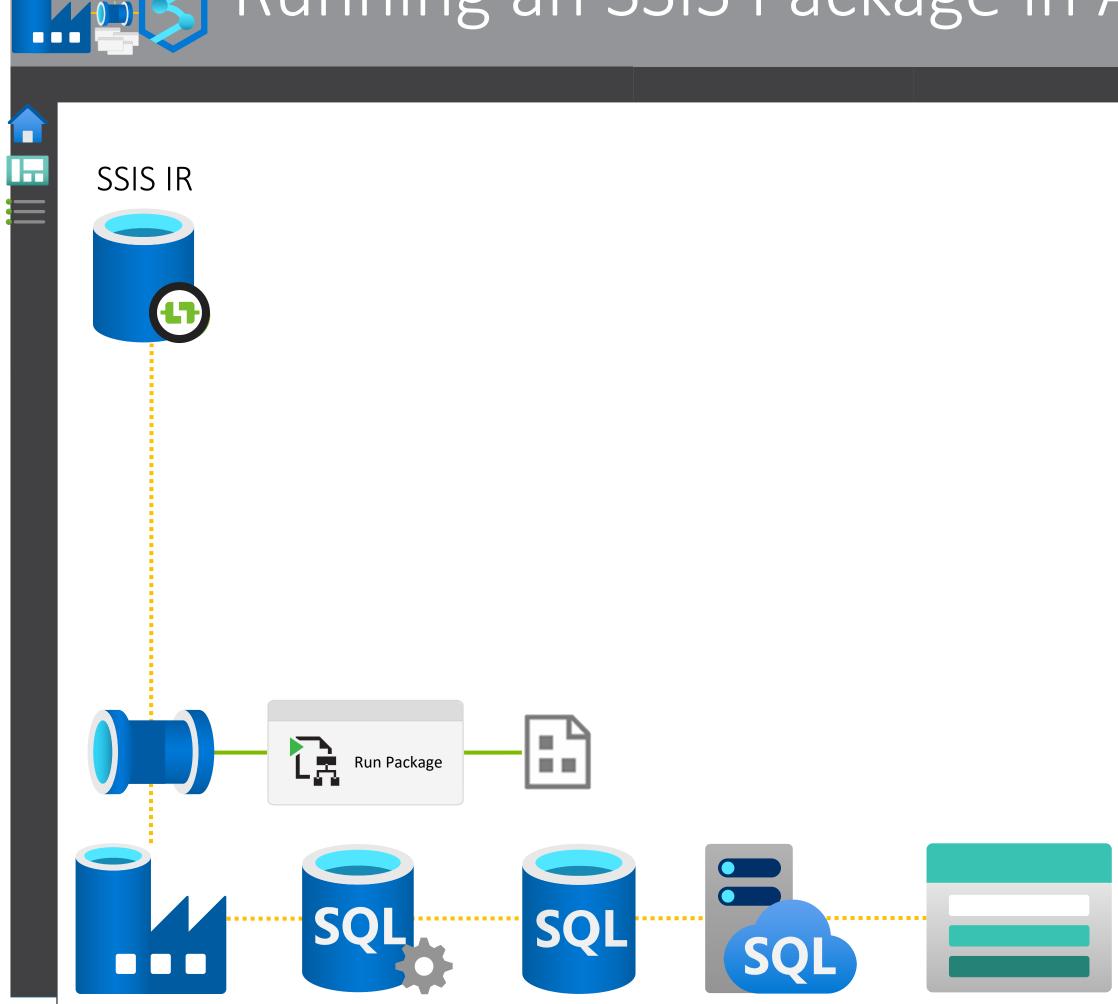






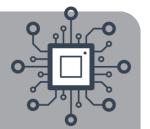
### Running an SSIS Package in Azure

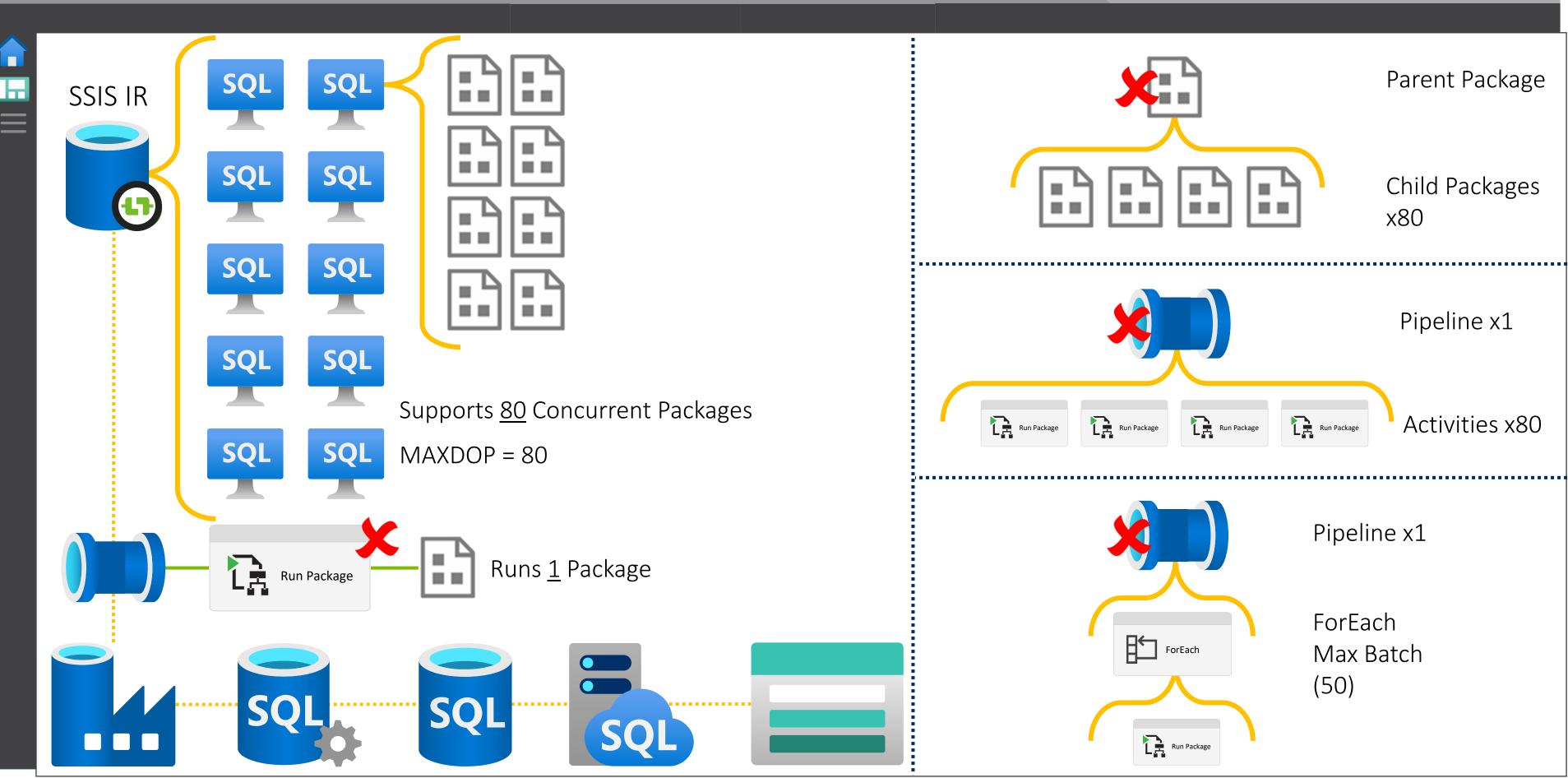


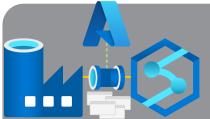




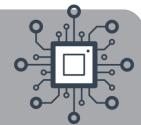
### Problem: Using All Of The SSIS IR Compute

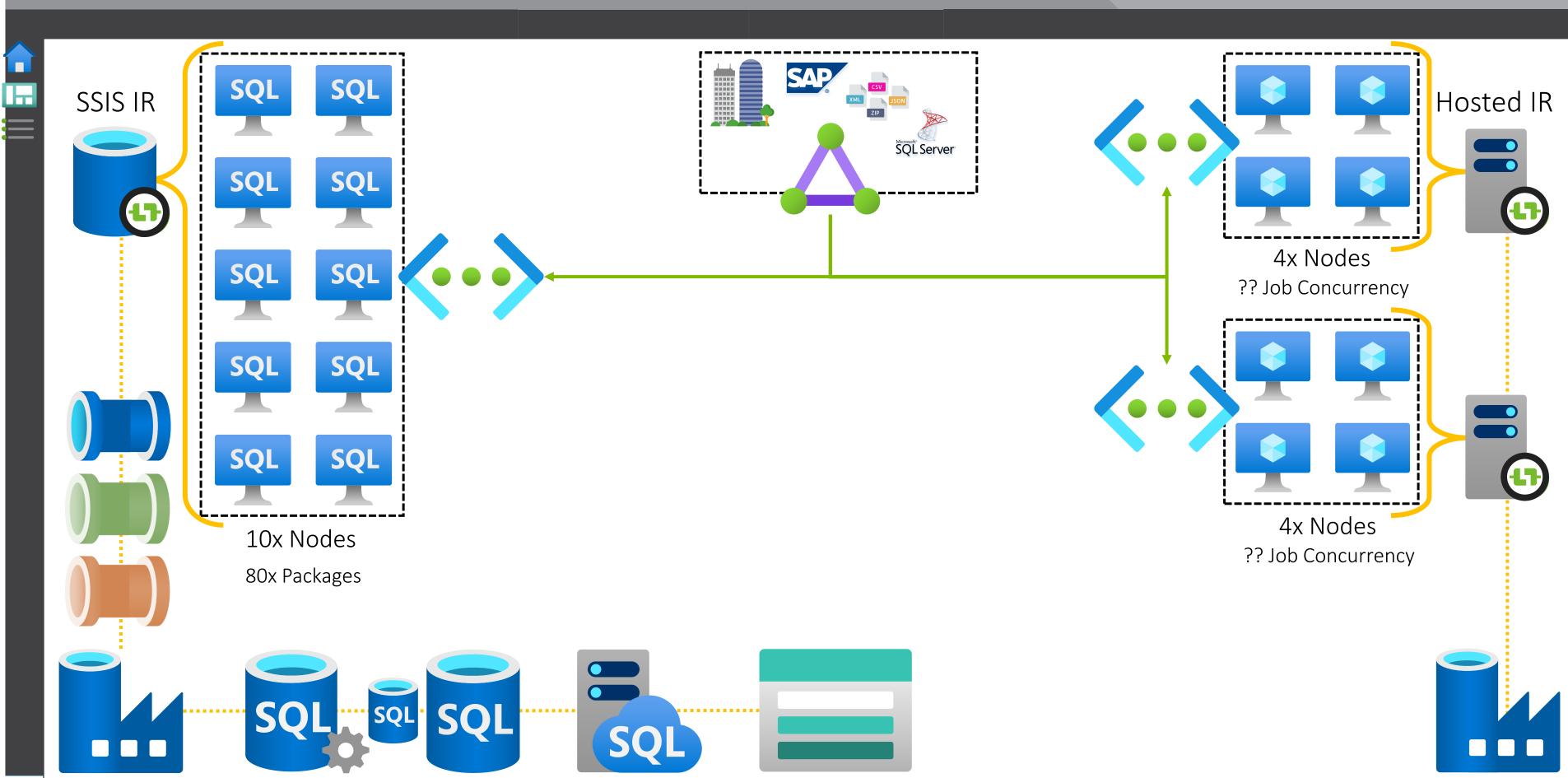


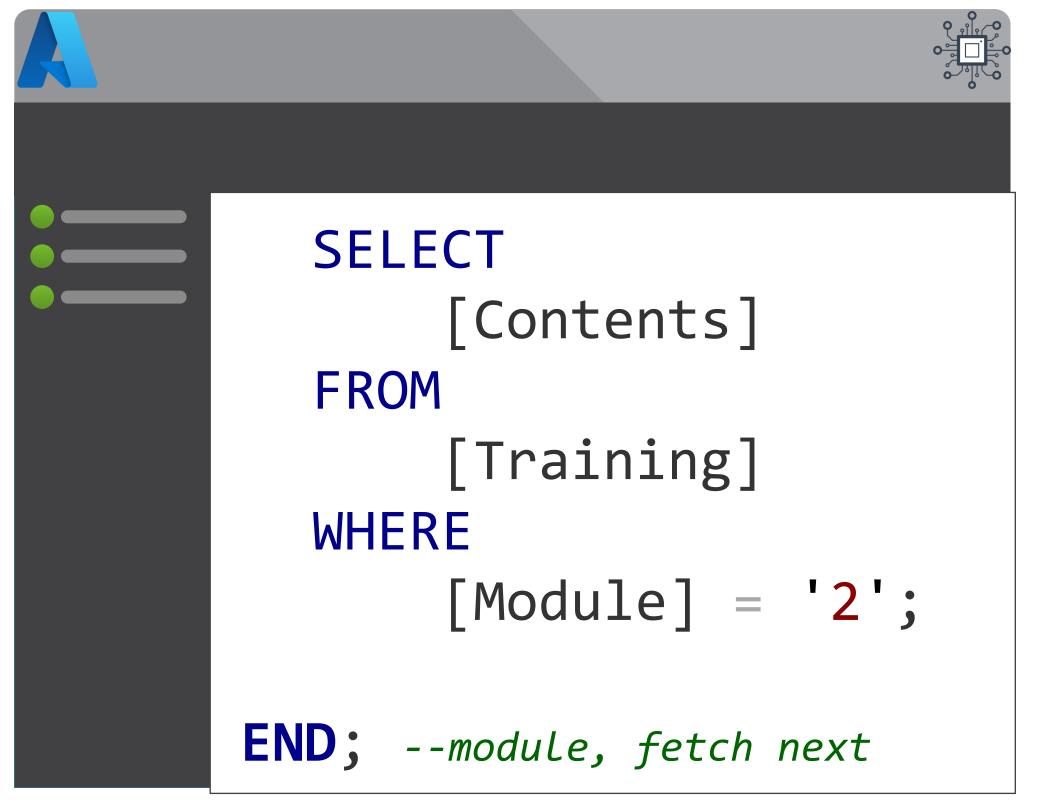




#### What are the advantages of using this pattern?







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