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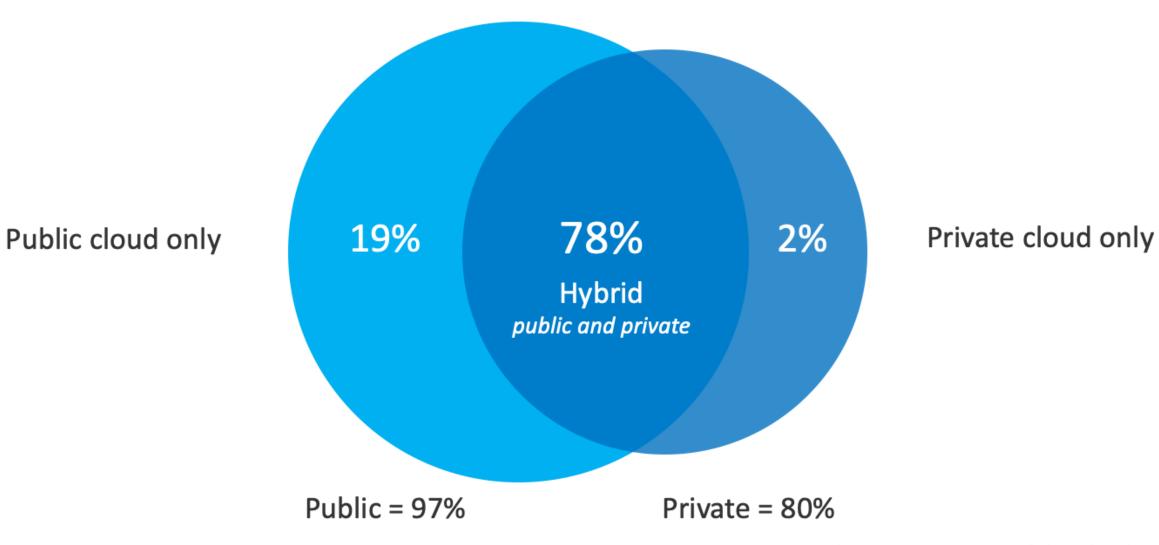
Why Azure Arc-Enabled Data Services?

Types of Clouds Used

% of all respondents

Public cloud only

19%

78%

Hybrid
public and private

2%

Private cloud only

Public = 97%

Private = 80%

Our Services Are Everywhere

Management is Everywhere

Azure Arc-Enabled Data Services Is Anywhere

Disconnected support
Cloud benefits for both disconnected and connected scenarios

Always current
Automated updates
Evergreen SQL

Elastic scale
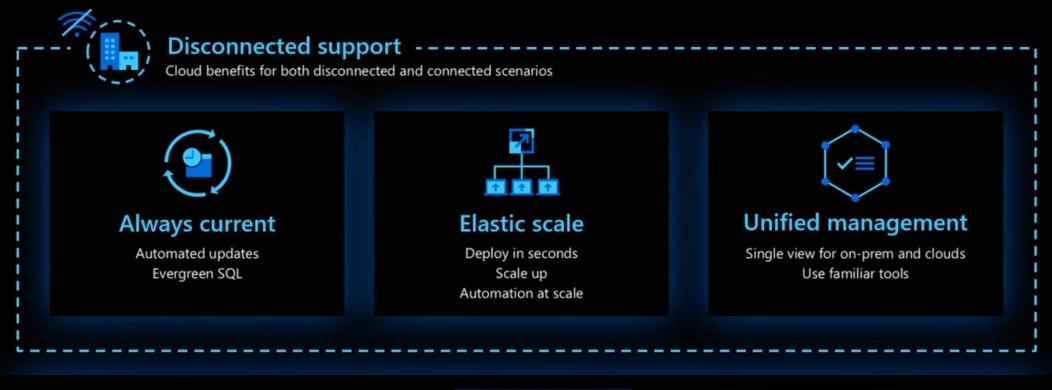Deploy in seconds
Scale up
Automation at scale

Unified management
Single view for on-prem and clouds
Use familiar tools

Azure

aws   Google Cloud

Azure Arc-Enabled Data Services Is Anywhere

Disconnected support
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Unified management
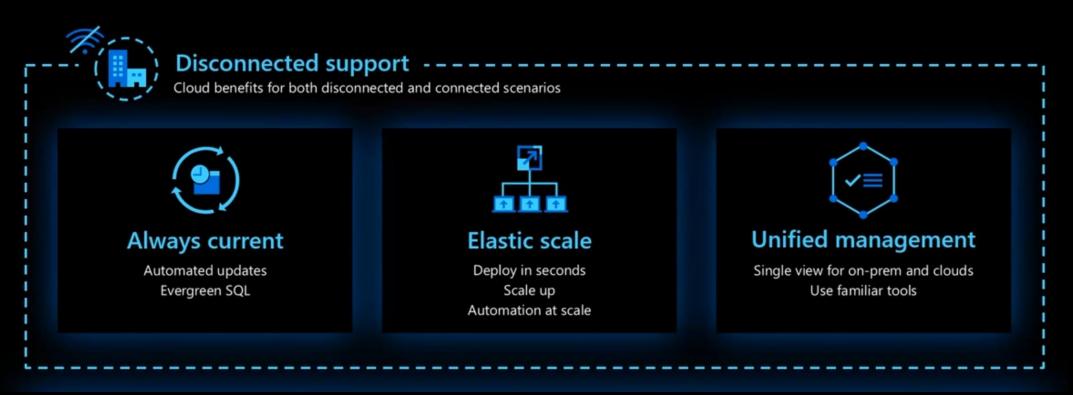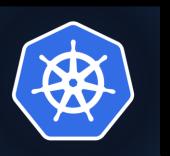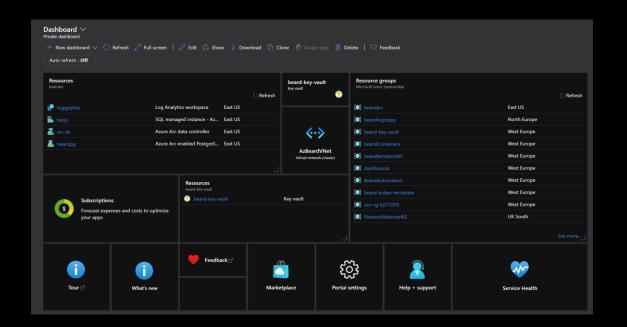Single view for on-prem and clouds
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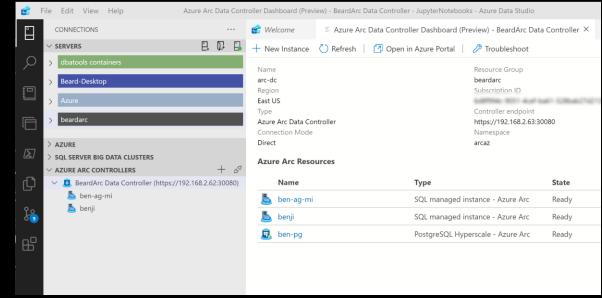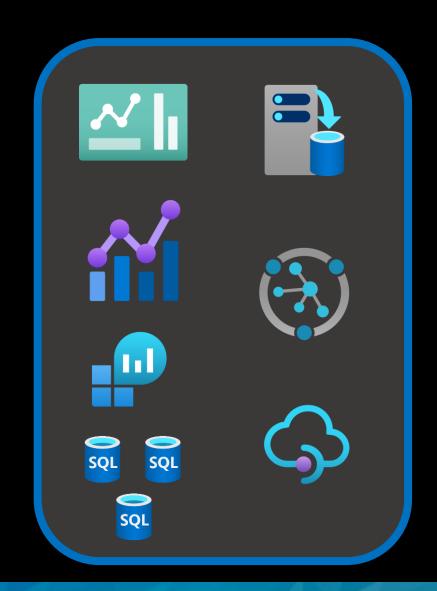
Azure Arc-Enabled Data Services Is Anywhere

The Data Controller

Azure

Dashboards
Metrics
Logs
Backup/Restore
High Availability
Provisioning
API

Connectivity Modes

Directly Connected

Indirectly Connected

https://docs.microsoft.com/en-us/azure/azure-arc/data/connectivity

Available Data Services

Azure Arc Enabled
Managed Instance

Azure Arc Enabled
PostgreSQL Hyperscale

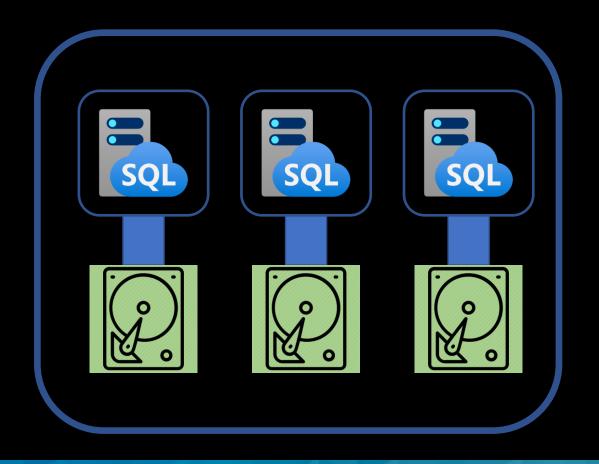# Deployment

Azure Data Studio

Azure Data CLI

Kubernetes

With more options planned

Storage

Kubernetes

Decouples the state of the database from the lifecycle of the pods
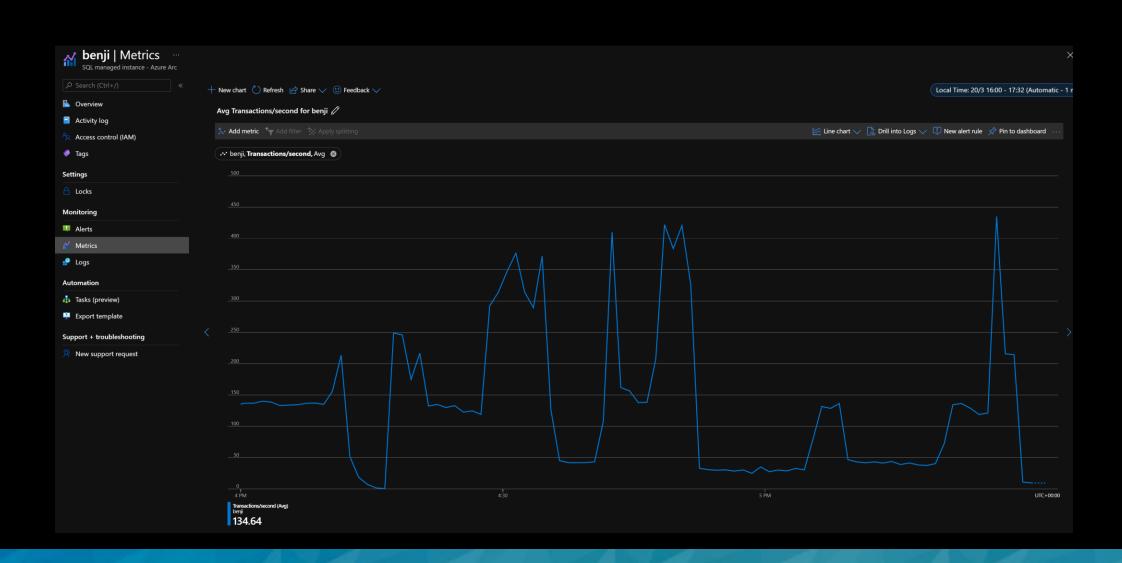
Persistent Storage allocated from Storage Class

Specify Storage Class for
- Data
- Logs
- App logs

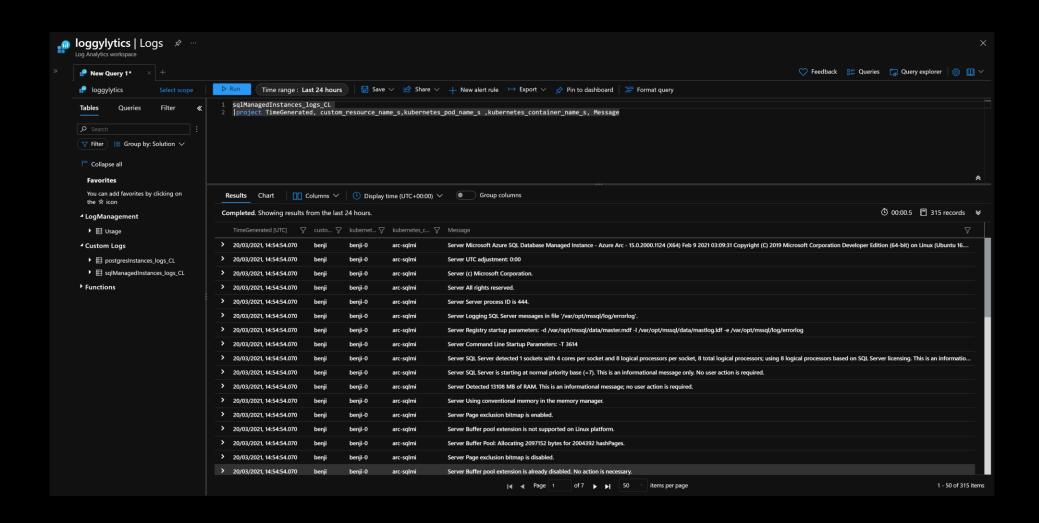Local Storage is on the Node
Remote Storage can be anywhere

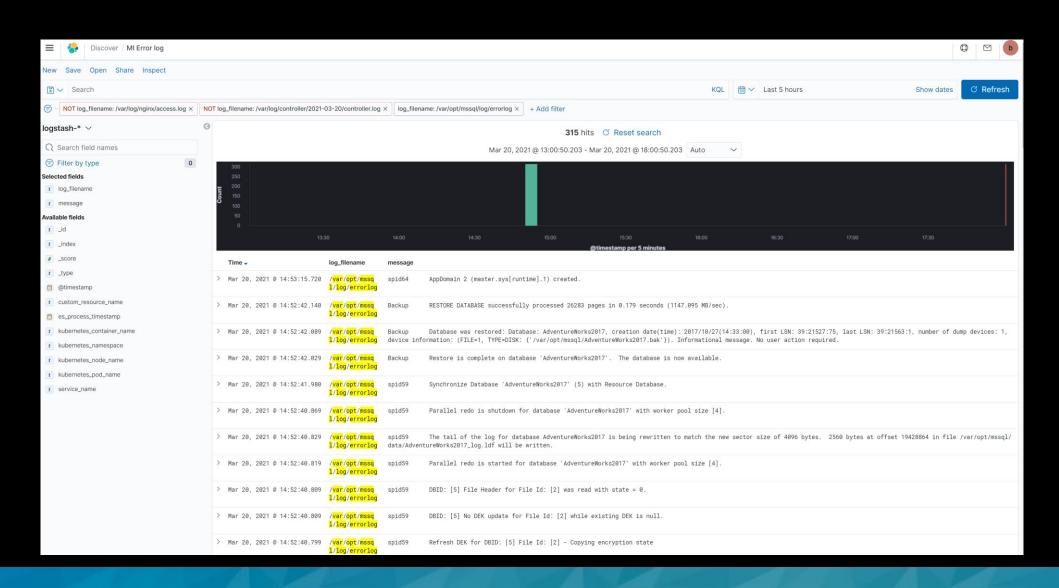**SQL** **SQL** **SQL**

Metrics In the Portal

Logs In the Portal

Metrics Built in

Logs Built in

A Developer and a DBA

DEMO TIME
beard.media/arcdemo
beard.media/Notebooks

Resources for you

Azure Arc jumpstart
https://azurearcjumpstart.io

Azure Arc enabled data services
https://docs.microsoft.com/en-us/azure/azure-arc/data/
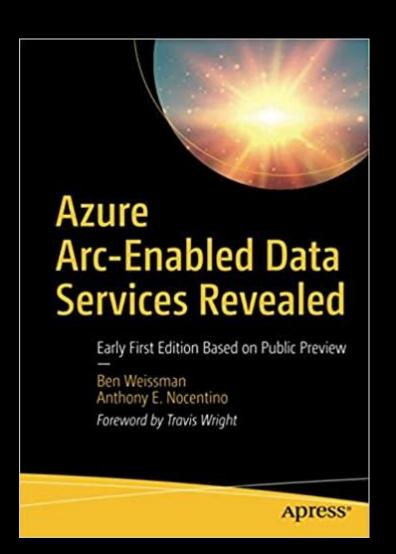
Azure Arc enabled SQL Managed Instance Overview
https://docs.microsoft.com/en-us/azure/azure-arc/data/managed-instance-overview

Azure Arc enabled PostgreSQL Hyperscale
https://docs.microsoft.com/en-us/azure/azure-arc/data/what-is-azure-arc-enabled-postgres-hyperscale

azdata reference
https://docs.microsoft.com/en-us/sql/azdata/reference/reference-azdata

Thank you

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