Azure Subscription

Resource Group

Resources

SQL Server

DB Schema

Key Vault

Log Analytics

Storage Account - File and Blob storage services of logs in the form of xel

Roles

- Reader

- Contributor

To get the contributor role, we have to raise PIM request

PIM - Privilege Identity Management

Azure Data Studio is used to connect the Azure SQL DB Service

- We need to add a firewall rule at server level -> we need to whitelist our IP address

- Just add our IP address displayed in the Azure Portal

Two types of user credentials

PCF AAD User - Connecting DB from applications deployed in PCF

SQL AAD Admin - Managing DB through Azure YAML pipeline

- Reset Password Pipeline (Azure YAML based pipeline ) will be run monthly as cron job

- Create a temp user credentials

Connections are made at DB server level, not at the DB schema level

Check about DTUs about the time frame - whether it is per second ?

Monitoring

Alerts - set the alert on the cost

Metrics - Different types of metrics like CPU Utilisation Percentage, DTU Percentile

Data Migration

- Get Access to Jump and Production VM where DB is located in DMZ

- Configure the firewall for Outbound requests towards Azure Portal

- Create and configure Azure Data Factory pipeline

- As part of this configuration , install SHIR - Self Host Integration Runtime

- SHIR will act as an agent in VM in DMZ to connect to Oracle DB

- ADF pipeline on the other side will connect to target DB , i.e. Azure SQL DB