Set up failover for power bi refreshes high availability

Step 1 create 2 Azure SQL VM name = ‘vm01’ ,’vm02’

Graphical user interface, application

Description automatically generated

Step 2 open vm01 install On-premises gateway

Graphical user interface, application, website

Description automatically generated

Link for download

<https://go.microsoft.com/fwlink/?LinkId=698861>

A screenshot of a computer

Description automatically generated with medium confidence

Step 2.1 install these applications in “vm01”. Click on check box and install button

Graphical user interface, text, application

Description automatically generated

Step 2.2 before this 2 pop up will appear select yes option

Graphical user interface, application, Word

Description automatically generated

Step 2.3 Enter you email id and sign in.

Graphical user interface, text, application, Word

Description automatically generated

Step 2.4 select account and click on it.

A screenshot of a computer

Description automatically generated with medium confidence

Step 2.5 Select Register option and click next button.

A screenshot of a computer

Description automatically generated with medium confidence

Step 2.6 Enter gateway name enter passwords and click on configure button

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

2.7 click on close button

Graphical user interface, application

Description automatically generated

Step 3 open power bi web Platform Click on schedule refresh

Application, table

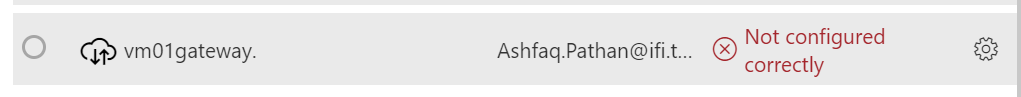
Description automatically generated with medium confidence

3.1 you will get the blow screen click on gateway connection

Graphical user interface, text, application

Description automatically generated

3.2 we have to configure vm01 gateway in power bi



3.3 click on 3 dot hover on your gateway and add a new data sources.

Graphical user interface, text, application, email

Description automatically generated

3.4 Click on Add Data Source

Graphical user interface, application

Description automatically generated

3.5

Graphical user interface, text, application, email

Description automatically generated

Step 4 install on-premises data gateway in vm02 Click on check box and install button

Graphical user interface, text, application

Description automatically generated

Step 4.1 before this 2 pop up will appear select yes option

Graphical user interface, application, Word

Description automatically generated

Step 4.2 Enter you email id and sign in.

Graphical user interface, text, application, Word

Description automatically generated

Step 4.3 select account and click on it.

A screenshot of a computer

Description automatically generated with medium confidence

Step 4.4 Select Register option and click next button.

A screenshot of a computer

Description automatically generated with medium confidence

Step 4.5 Enter gateway name and click on check box **add to an existing cluster** and click on configure button.

Graphical user interface, text, application

Description automatically generated

Step 5 check for the gateway cluster using power-shell in ‘vm01’

5.1 install packages

Install-Module -Name OnPremisesDataGatewayHAMgmt

5.2 run this

Get-Command -Module OnPremisesDataGateway\*

Graphical user interface, text

Description automatically generated

5.3 login into PowerShell

Login-OnPremisesDataGateway

Text

Description automatically generated

5.4 check the cluster

Get-OnPremisesDataGatewayClusters

Text

Description automatically generated with medium confidence

5.5 we can see the vm01 and vm02 is in the same cluster group

Text

Description automatically generated

5.6 the same thing you can check using admin porter

<https://admin.powerplatform.microsoft.com/ext/DataGateways>

Graphical user interface, text

Description automatically generated

5.7 open vm01gateway click on **i** button

Graphical user interface, text, application

Description automatically generated

As we can see both are on-line ill stop vm01 gateway and run the dataset refresh.

Step 6 stop vm01 gateway

Open service from windows

Graphical user interface, text, application

Description automatically generated

6.1 search for on-premise gateway and stop it

Graphical user interface, application

Description automatically generated

6.2 will check if vm01 is stopped using admin portal

Graphical user interface, text

Description automatically generated

As we can see now vm01gateway is offline

6.3 let’s run dataset refresh click on circle aero

Graphical user interface, text, application

Description automatically generated

6.4 Click on refresh history

Graphical user interface, text

Description automatically generated

6.5 Refresh history we can see the status is completed its because of 2nd vm02 gateway was online

Graphical user interface, text, email

Description automatically generated

https://admin.powerplatform.microsoft.com/ext/DataGateways