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Security type – Standard  
Availability Options – No infrastructure redundancy required

Images – see all images – select Free SQl Server Licence: SQL server 2022 Developer on windows 2022

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size – see all sizes – standard b2ms (4 vcps and 8gib memory)(hourly)

give admin and password

public inbound ports – all selected ports

select inbound port – RDP port A screenshot of a computer

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go to SQL Server setting -- enable SQL authentication

Review and deploy

It might take 5-10 mins

Now go to overview and connect

Download download RDP File

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Open the remote machine from download , if ur using mac download window remote desktop from apps

And in server Manager , for IE Enhanced Security Configuration , turn off and user (off)

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Open Microsoft edge in Vm, and download Integration Runtime 5.5 latest version

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Copy the key from synapse and paste it here (i.e. in VM , where u downloaded IR , giving this key register it)

After registering with the key , Self hosted IR should be up and running in synapse( where u created the Selfhosted IR in the first place )

And if we stop the VM , Selfhosted IR should stop running in synapse

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Open Microsoft SQL Server Management and give the same details which u given in VM creation , encryption --- option

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Now first create a Database called Onpremsqldb

Create database onpremsqldb ------ sql query to create database

Under Database , now create a table

create table dbo.product

(

PID INT,

PNAME VARCHAR(100),

PCOLOR VARCHAR(100)

)

INSERT INTO dbo.product (PID, PNAME, PCOLOR)

VALUES

(1, 'Laptop', 'Silver'),

(2, 'Smartphone', 'Black'),

(3, 'Tablet', 'Gold'),

(4, 'Smartwatch', 'Blue'),

(5, 'Headphones', 'Red');

-- Verify insertion

SELECT \* FROM dbo.product;

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Description automatically generatedOur main goal is to bring data from Virtual machine to cloud

Now create a pipeline , where source is SQL server

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Create a linked service for sql server , give all the details like the DB , IR , username and password and test connection(VM should be running )A screenshot of a computer

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And select the table name from the dropdowm

Now go to sink(select adls gen2 storage account to store the table )