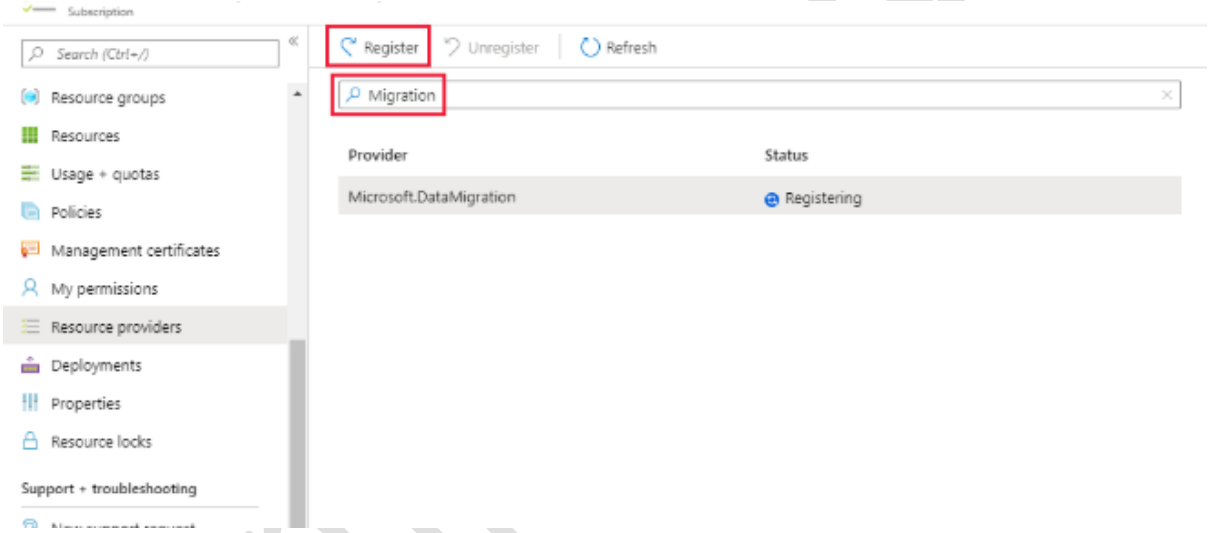
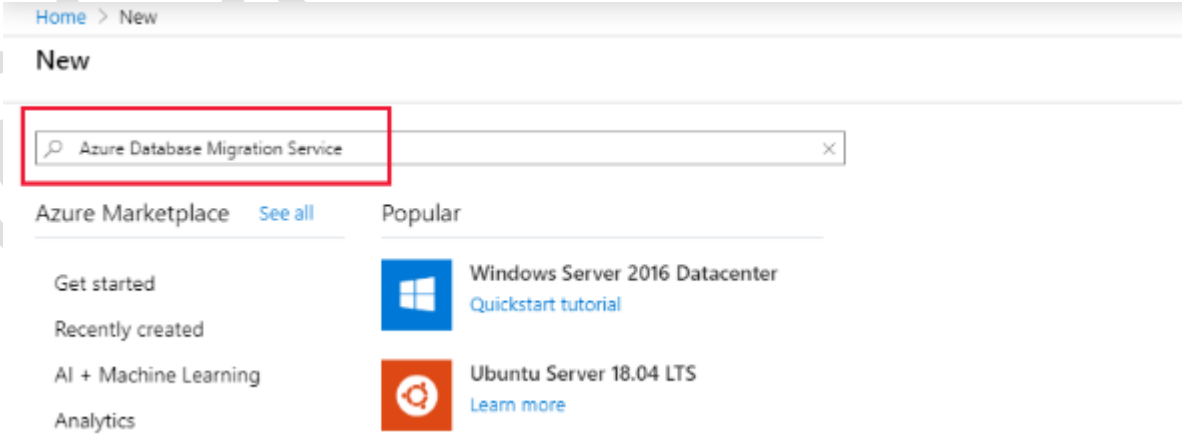
Azure DB Migration - #2 Using Azure DataMigration Resource Provider

STEP 6 – Using Azure Data Migration Resource Provider

1. Login to Azure Portal.
2. In the Search Bar, type “Subscriptions”
3. Choose Resource Providers in the adjoining panel, then key in “Migration” in the adjoining blade. Click Register.



4. In the Azure portal menu or on the **Home** page, select **Create a resource**. Search for and select **Azure Database Migration Service**.

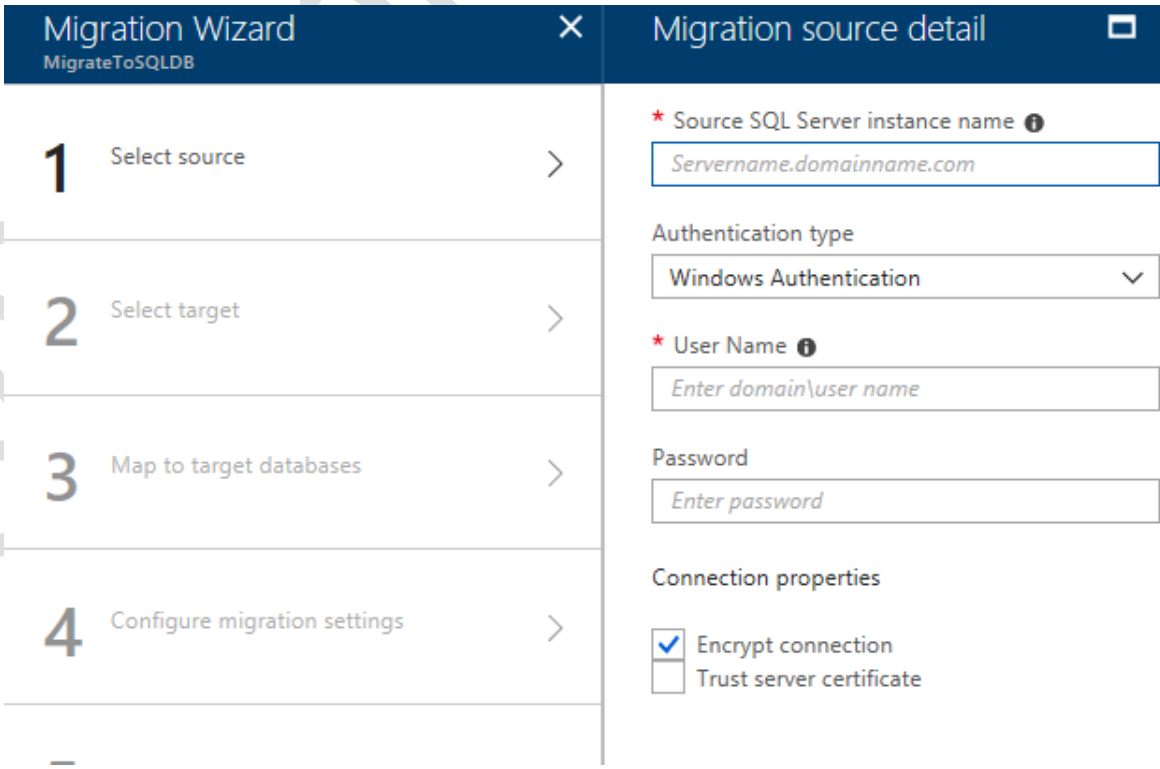


5. On the **Azure Database Migration Service** screen, select **Create**.
6. Fill in the details as follows
    a. Service Name: DMSTest
    b. Subscription: Free Trial
    c. Select ResourceGroup: MyResourceGroup (existing one..)

d. Location: EAST US
e. Virtual Network: MyVirtualNetwork
f. PricingTier: 1 vCore

7. Click Create
8. **Make sure your VPN connection is connected. (Check VPN settings in your machine's Control Panel)**

9. **SUBSTEP – Create Azure Migration Project**
    a. In the Azure portal menu, select **All services**. Search for and select **Azure Database Migration Services**.
    b. On the Azure Database Migration Services screen, select the Azure Database Migration Service instance that you created. Viz. **DMSTest**
    c. In the ajoining panel, Select **New Migration Project**.
    d. On the New migration project screen,
        i. specify a name for the project,
        ii. in the Source server type text box, select SQL Server,
        iii. in the Target server type text box, select Azure SQL Database,
        iv. and then for Choose type of activity, select Offline data migration
    e. Select **Create and run activity** to create the project and run the migration activity.
    f. Specify the Source & Target.



    g. The SQL Server Instance Name should be the Fully Qualified Domain Name of SQL Server instance. Since, we connected using the VPN, the IPAddress of your machine will also do.
    h. Open command prompt on your machine, type **ipconfig**

```
Ethernet adapter VMware Network Adapter VMnet1:

   Connection-specific DNS Suffix  . :
   Link-local IPv6 Address . . . . . : fe80::74f3:6d1a:f293:c0a9%10
   IPv4 Address. . . . . . . . . . . : 192.168.117.1
   Subnet Mask . . . . . . . . . . . : 255.255.255.0
   Default Gateway . . . . . . . . . :

Ethernet adapter VMware Network Adapter VMnet8:

   Connection-specific DNS Suffix  . :
   Link-local IPv6 Address . . . . . : fe80::812b:bd6e:5e3e:74ca%4
   IPv4 Address. . . . . . . . . . . : 192.168.80.1
   Subnet Mask . . . . . . . . . . . : 255.255.255.0
   Default Gateway . . . . . . . . . :

PPP adapter forDBMigration:

   Connection-specific DNS Suffix  . :
   IPv4 Address. . . . . . . . . . . : 172.16.23.2
   Subnet Mask . . . . . . . . . . . : 255.255.255.255
   Default Gateway . . . . . . . . . :

Wireless LAN adapter WiFi:

   Connection-specific DNS Suffix  . : harekrishna.net
   Link-local IPv6 Address . . . . . : fe80::4471:7efe:3b33:5997%17
   IPv4 Address. . . . . . . . . . . : 192.168.0.11
   Subnet Mask . . . . . . . . . . . : 255.255.255.0
```

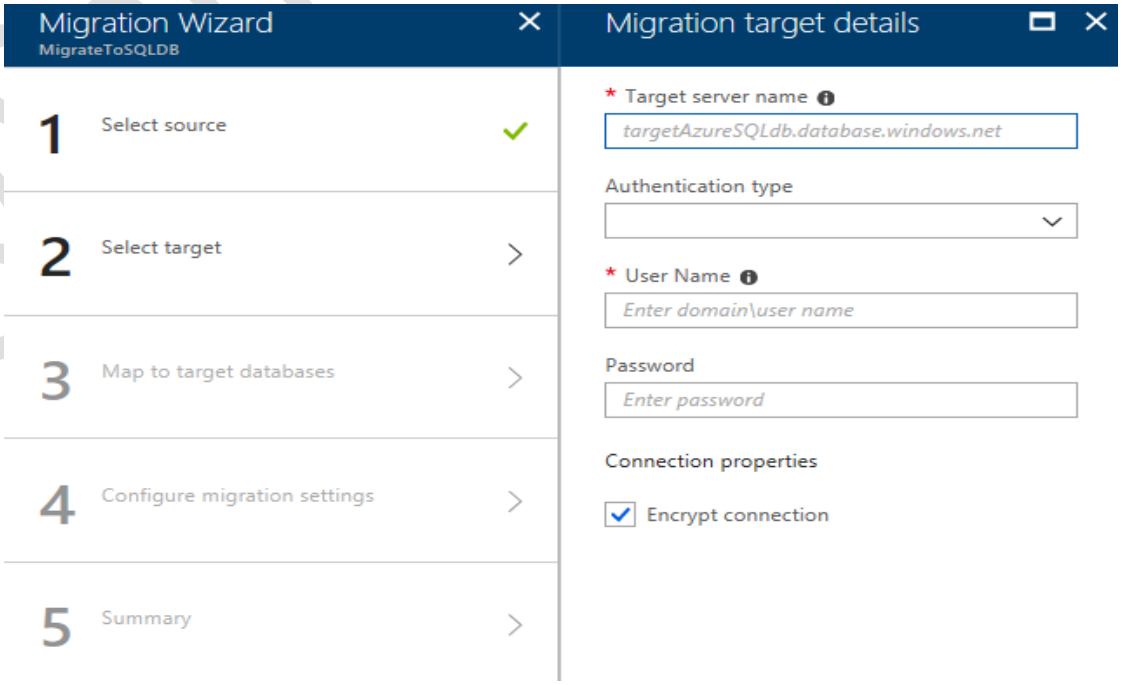
i.

j. Choose **SQL Authentication**

k. Key in the credentials

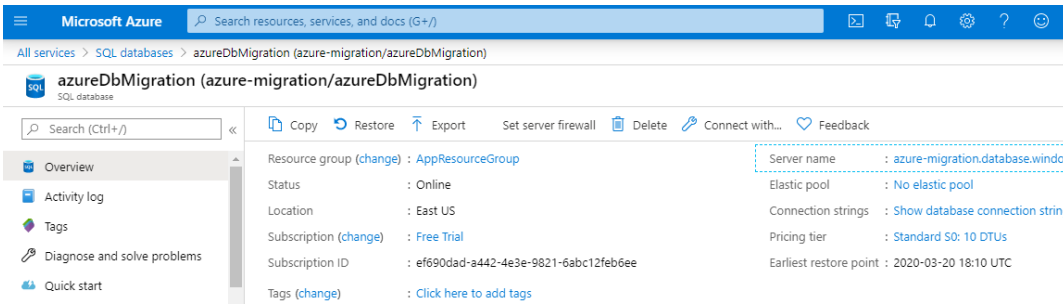
l. Be sure to choose **Encrypt Connection**, **Trust Certificate**

m. Next, fill in the target details



n. You can get the Target Server Name by

i. **Azure portal -> Azure Sql -> Choose your database -> In the blade -> Copy the Server Name**



ii. **In Map to Target Database, choose your database objects to be migrated and Map them to the correct tables**

iii. **Click Save and specify an Activity Name**

iv. **Expand Validation Options, choose Validate mydatabase**

v. **Click Run Migration**