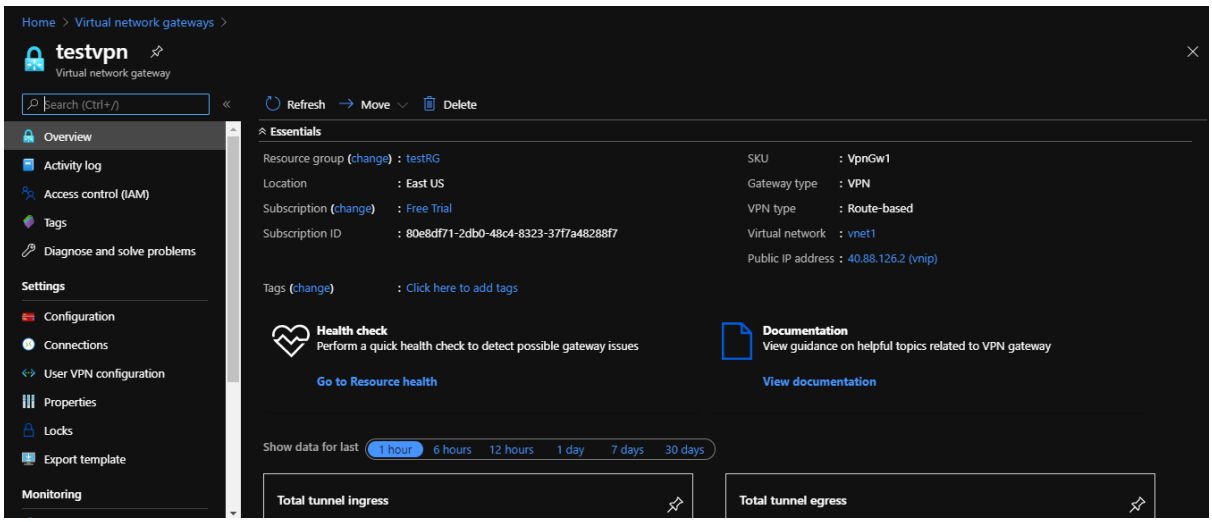
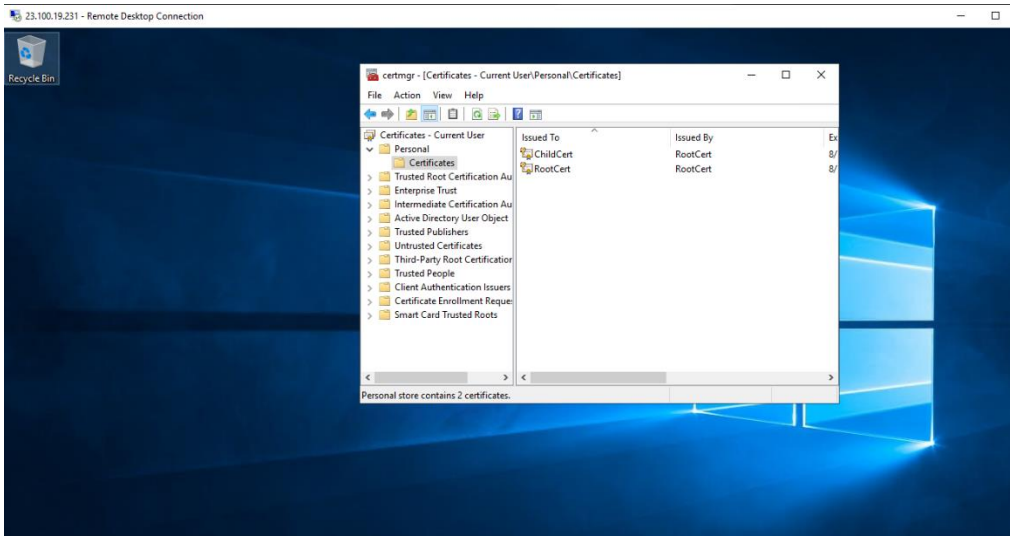
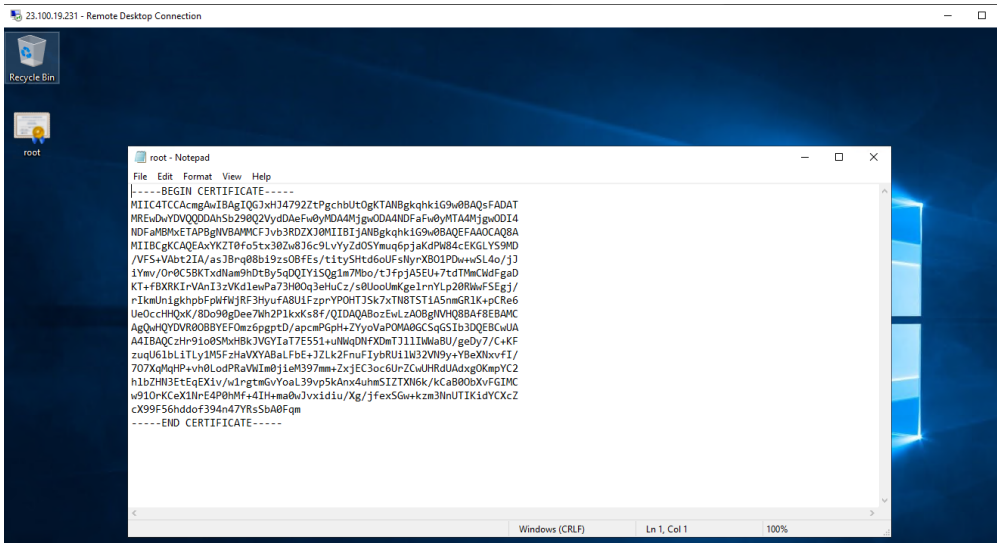
ASSESMENT-2

1. Create a P-T-S VPN and attach a VM to it

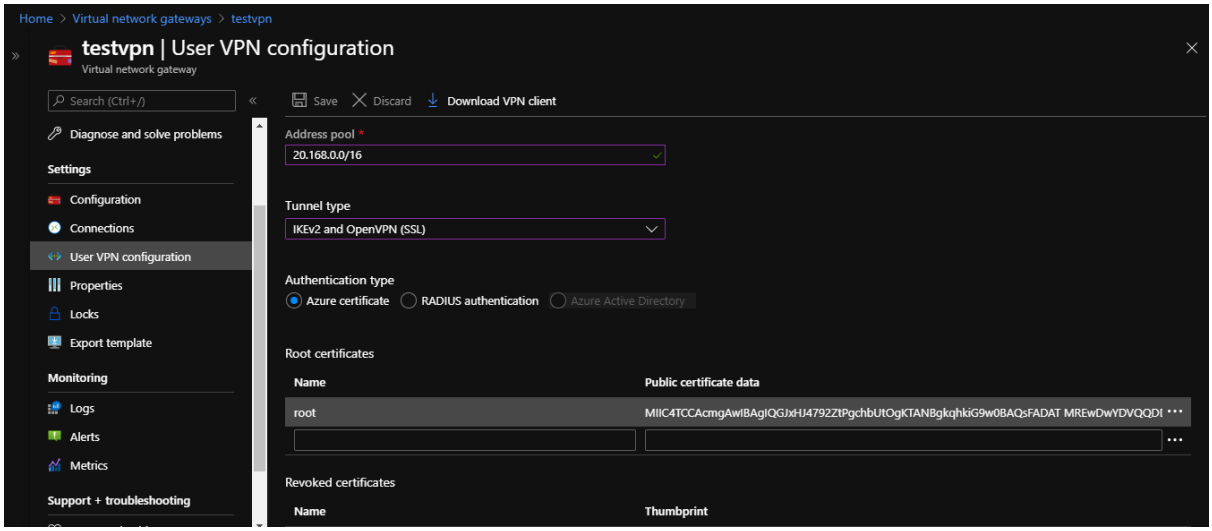


Here first I create a VPN named **testvpn** using virtual network vnet1. Then I go to user VPN configuration to configure point to site vpn. After that I create client and root certificates using power shell in one of the vm which I created in another vnet.

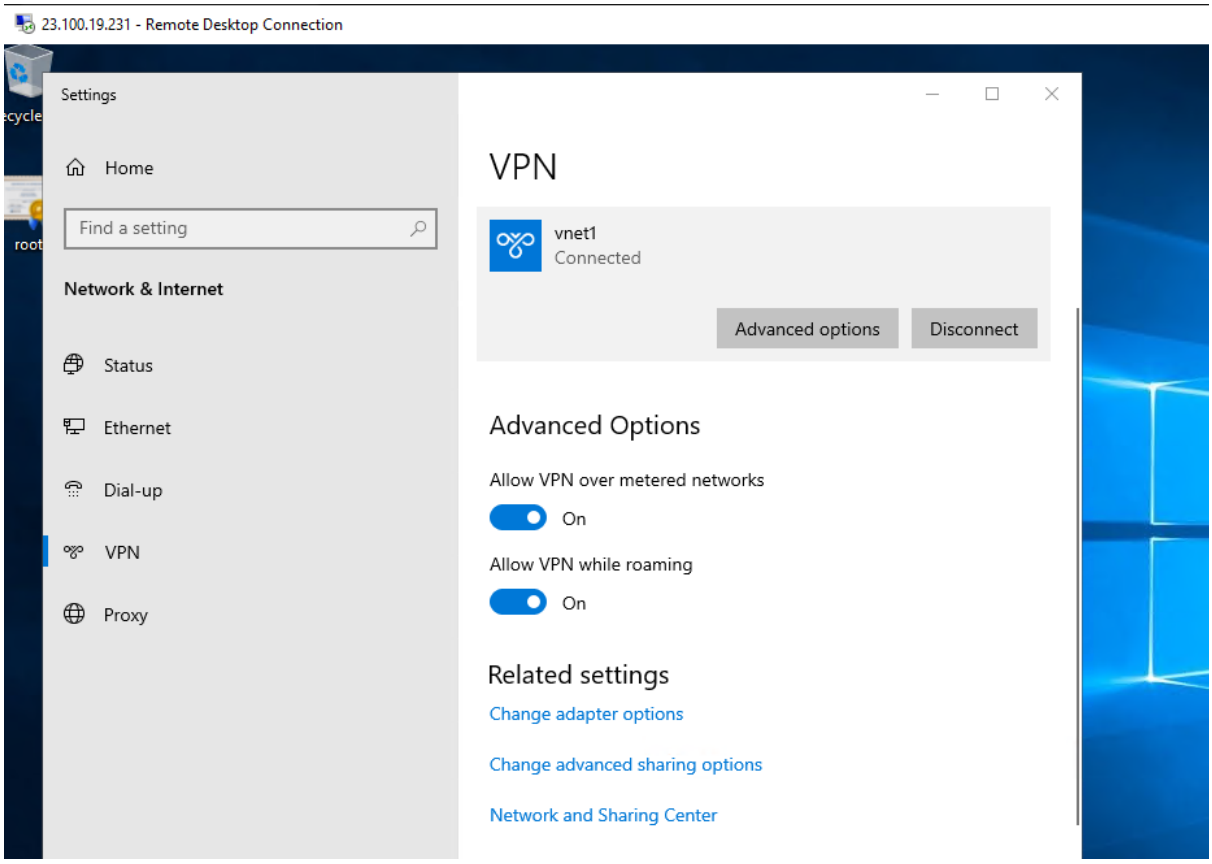




In the above snip I export the root certificate and copy the certificate data.

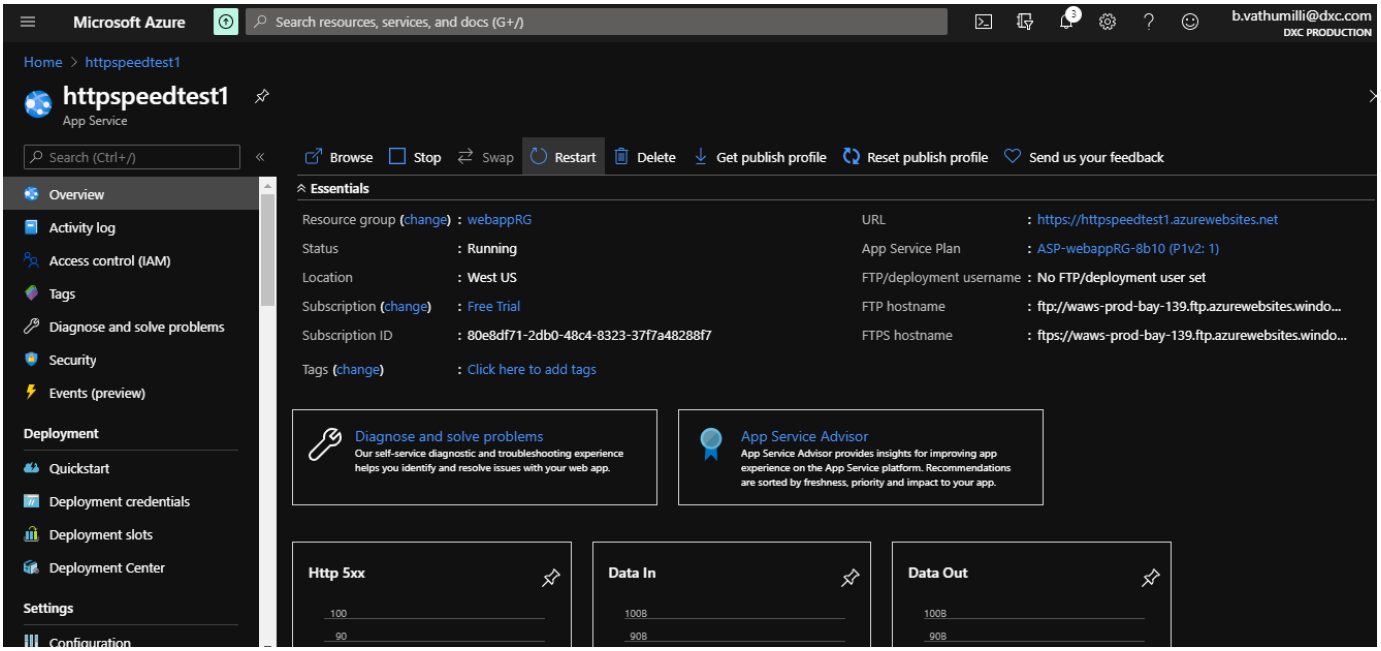


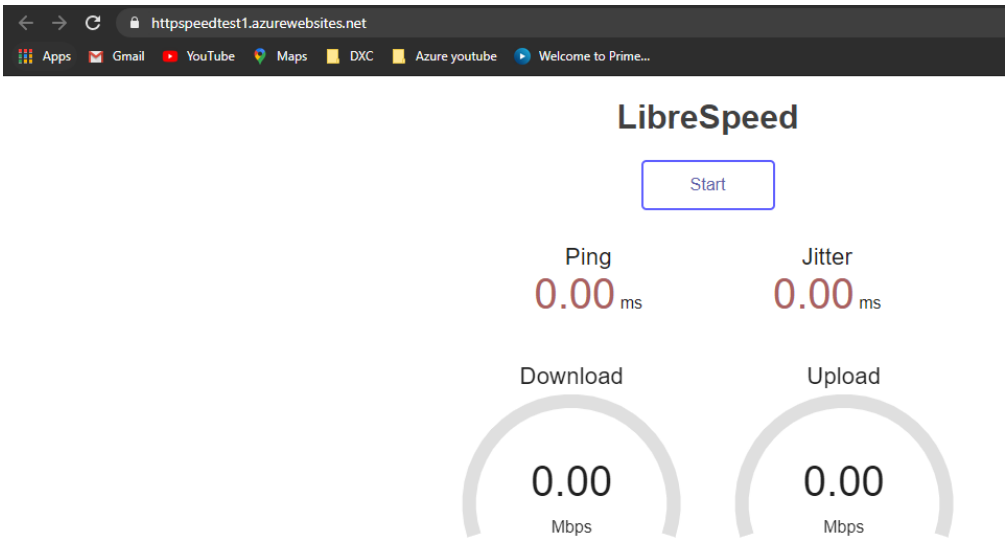
Here I gave my root certificate details and then I save it.



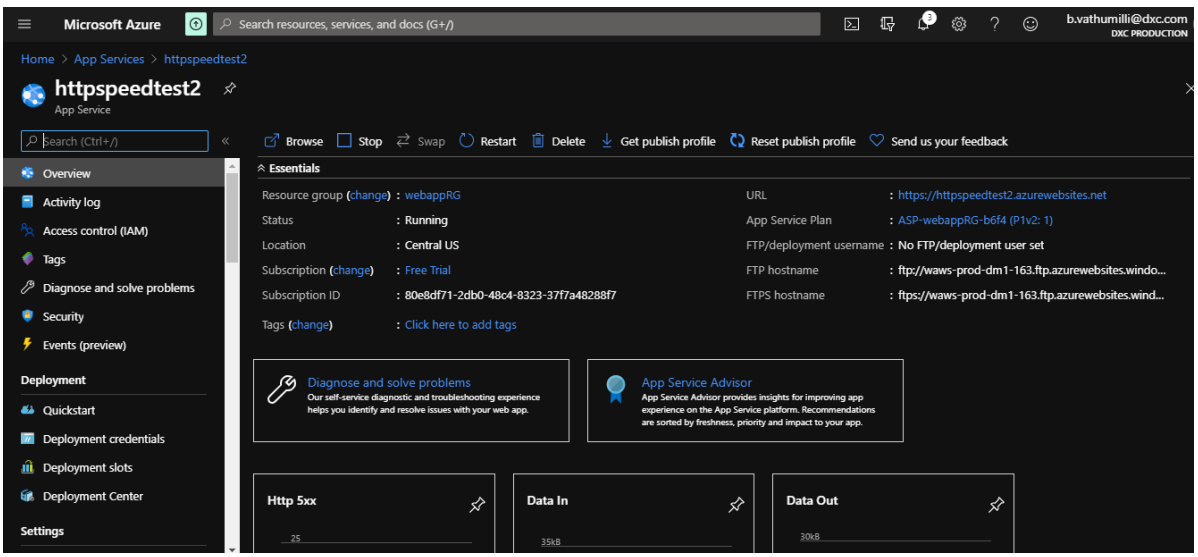
After that I install the vpn client in vm and try to connect it worked perfectly.

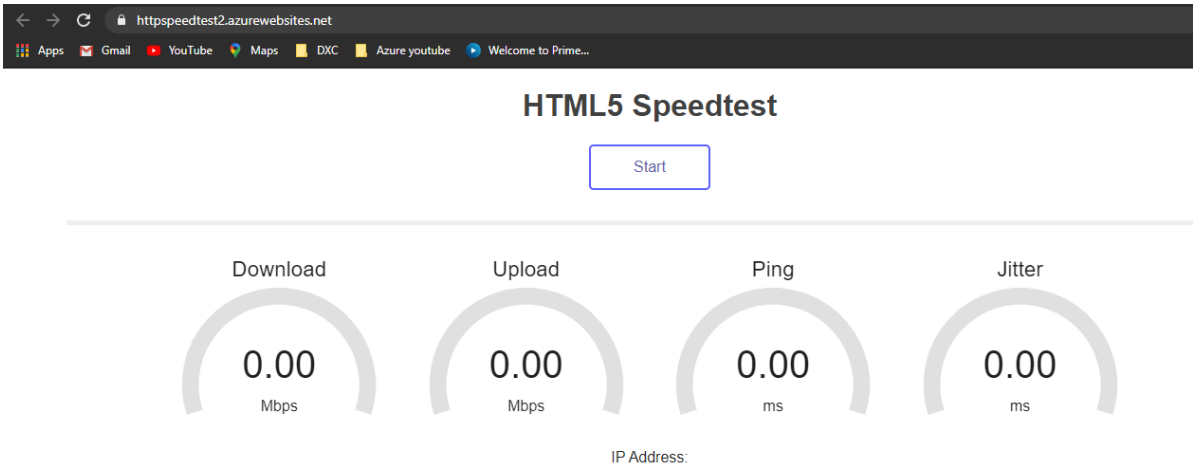
2. create a two web application in west us and central Us then attach to the traffic manager with Priority routing method



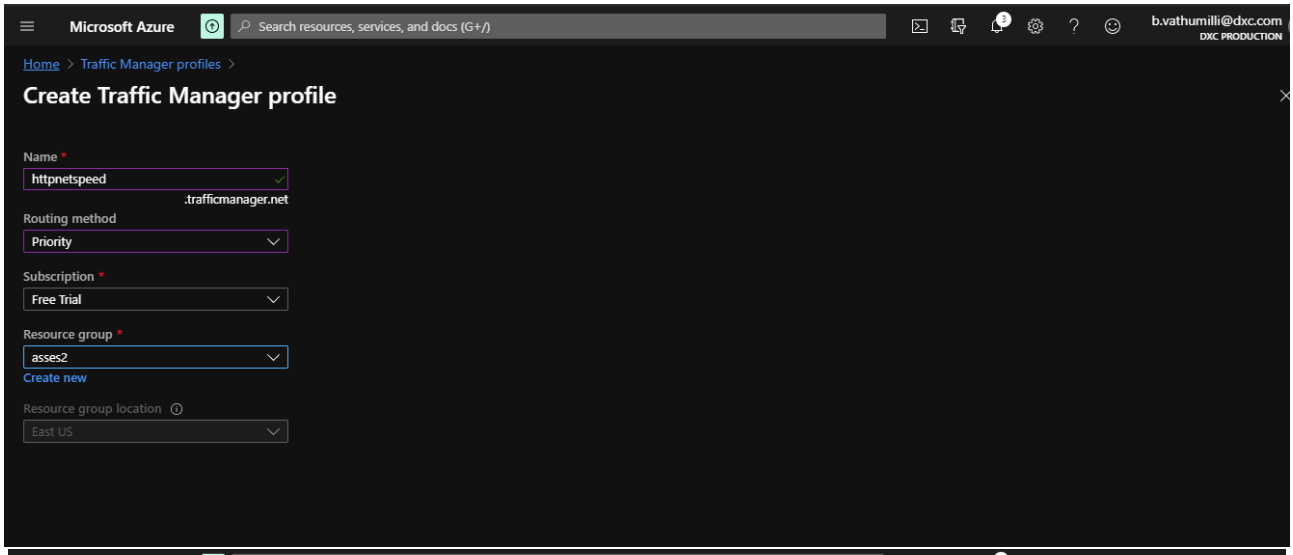


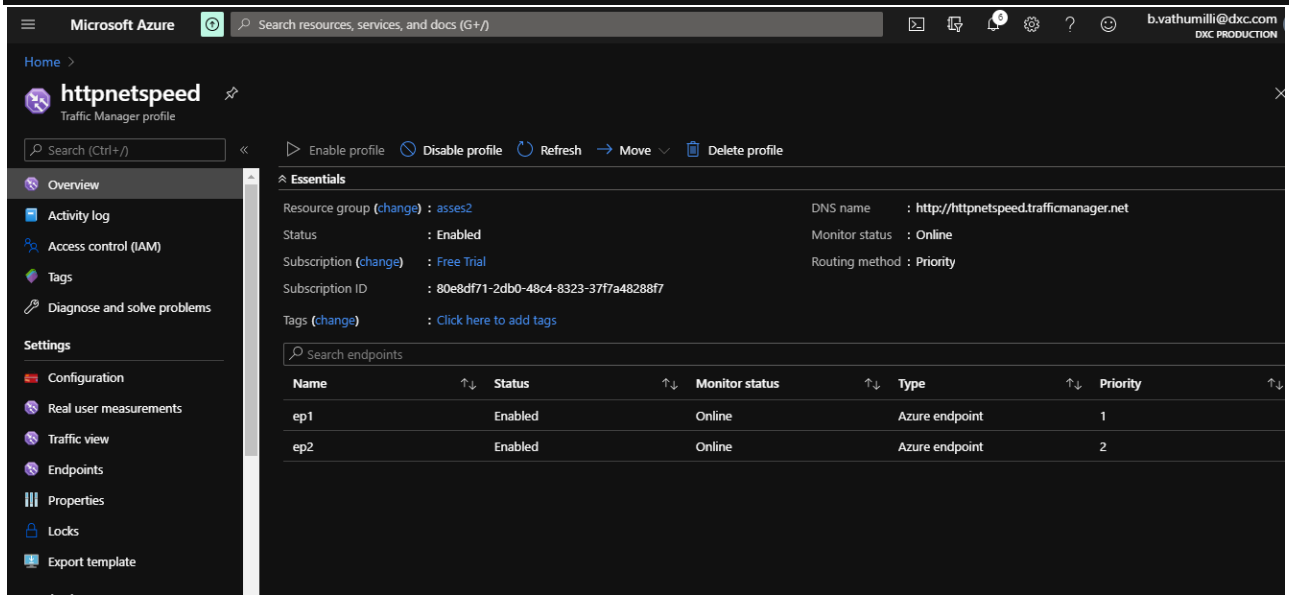
First I create a webapp named **httpspeedtest1** in westUS location using docker container.



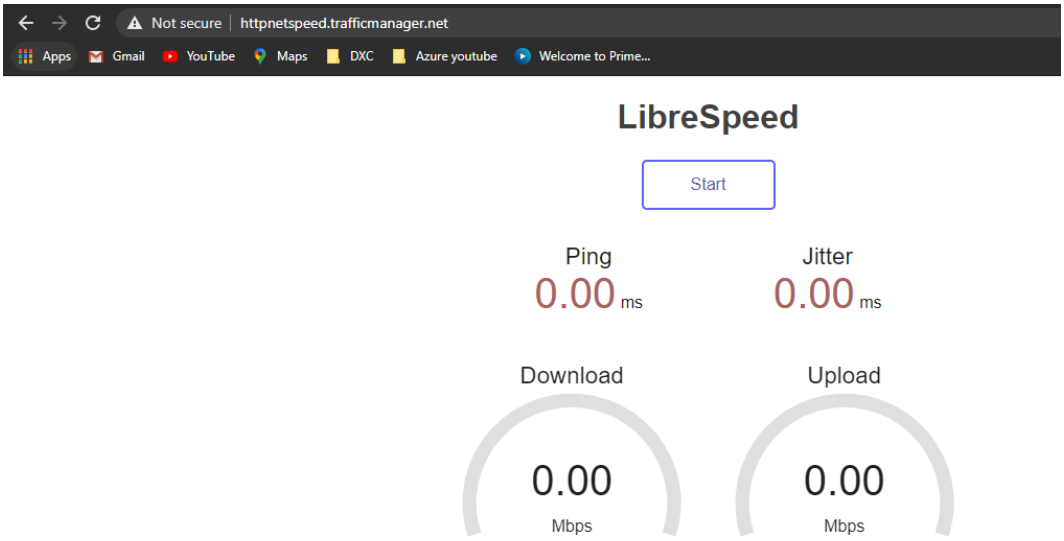


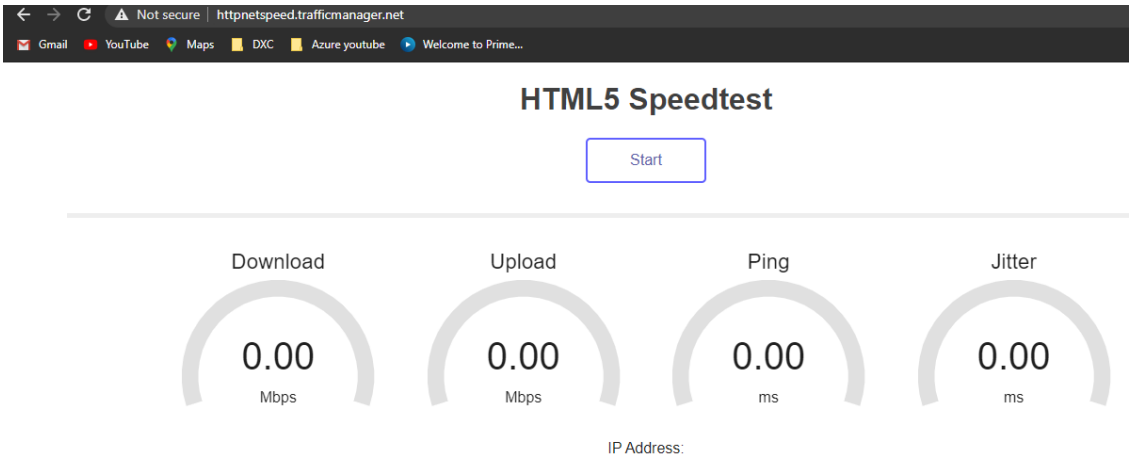
Next I create another webapp named **httpspeedtest2** in central us location using docker container.





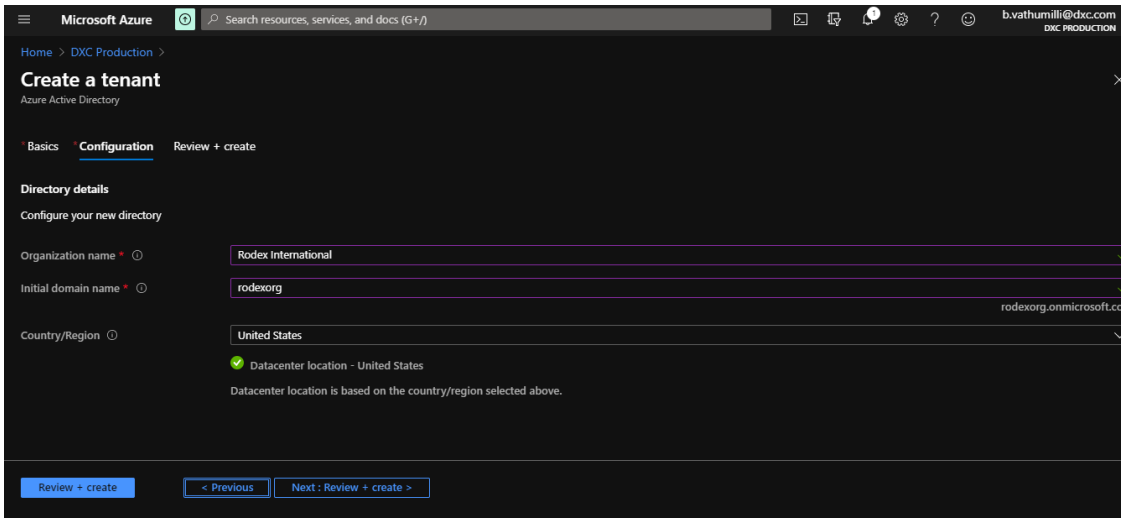
After that I create a traffic manager profile named **httpnetspeed** and I attach my two webapps using prority routing method.

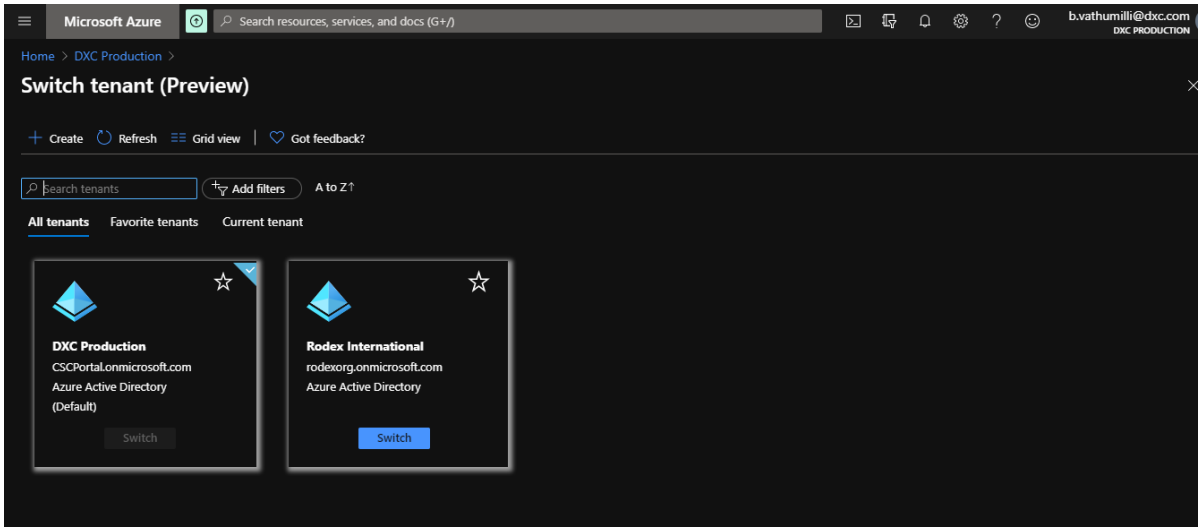




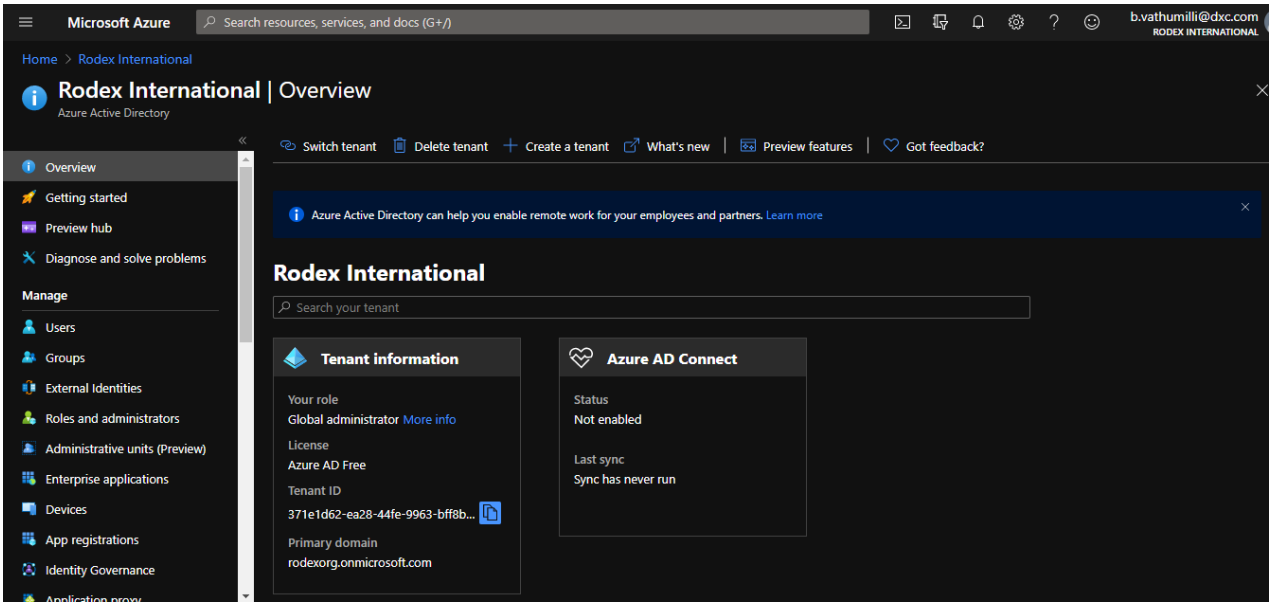
Here I just check whether the traffic manager working fine or not by accessing traffic manager url.

3. create a windows server with AD installed and integrate with Azure AD

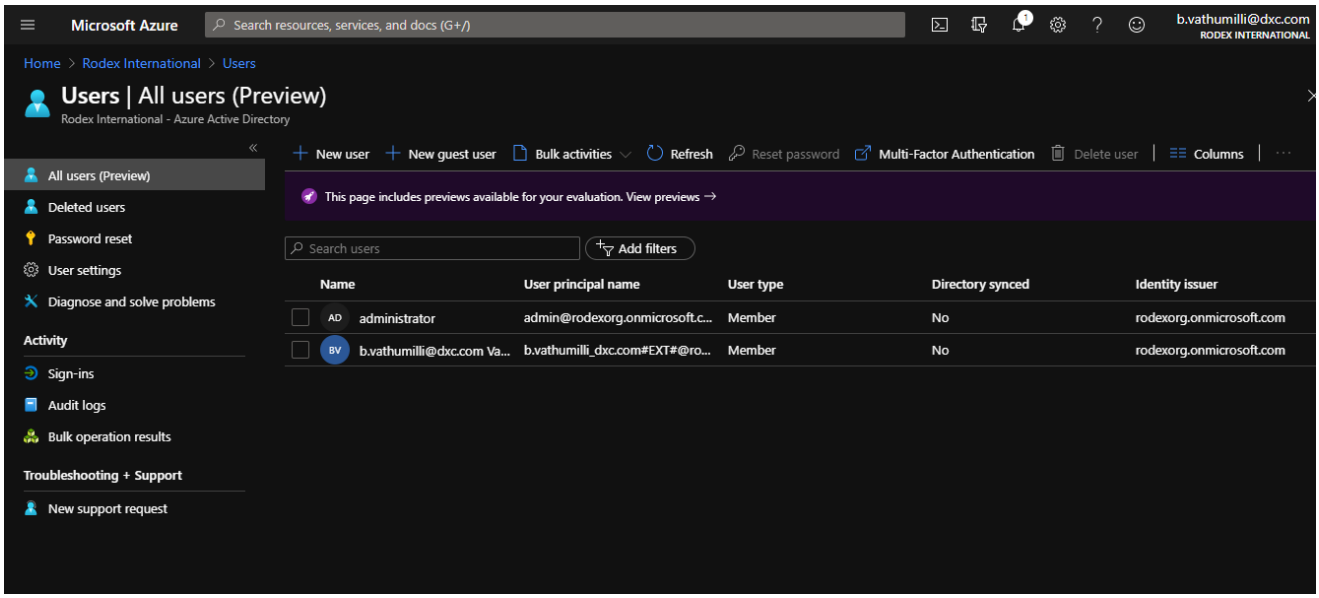


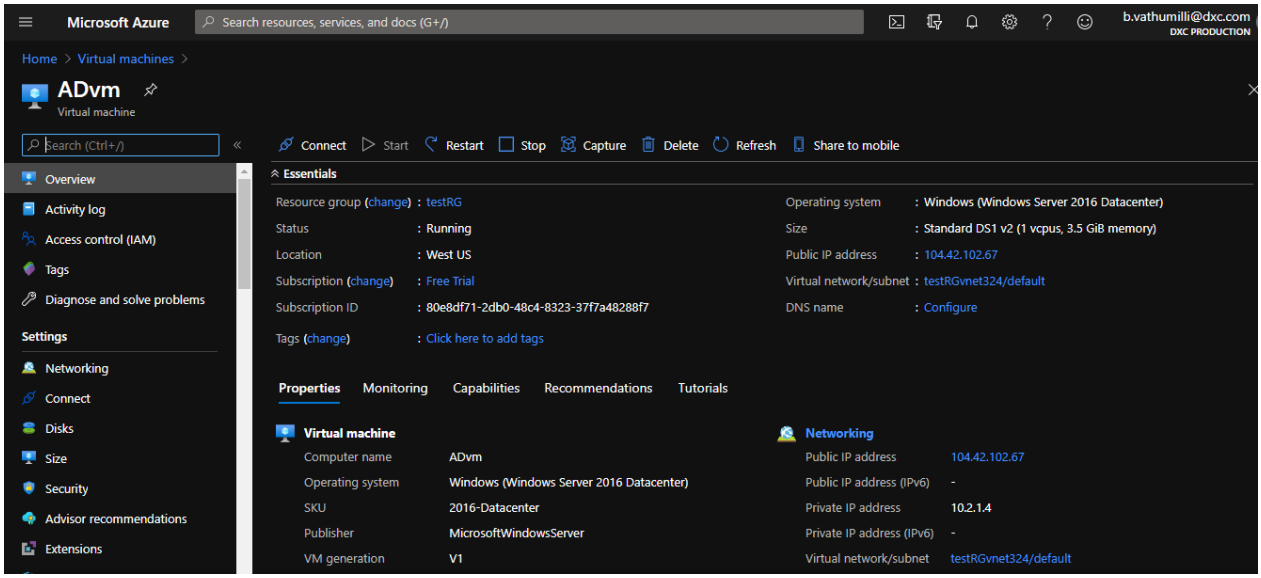


Here first I create a new tenant named **Rodex International** and I switch to that tenant from my DXC tenant.

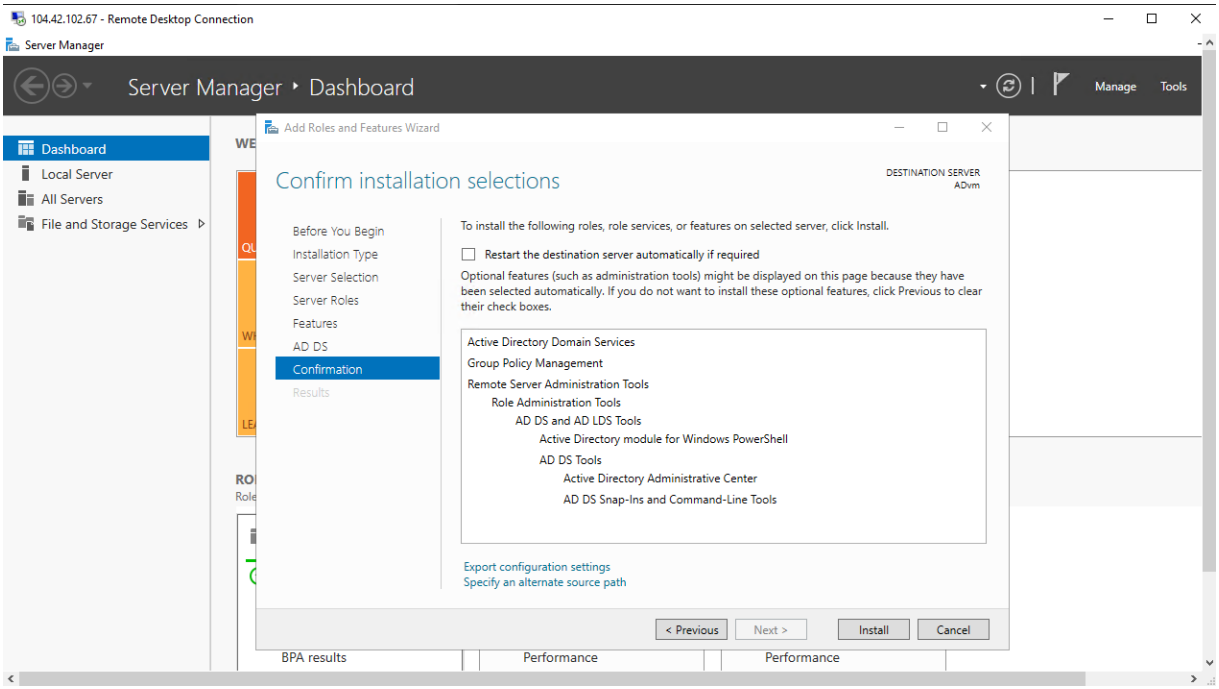


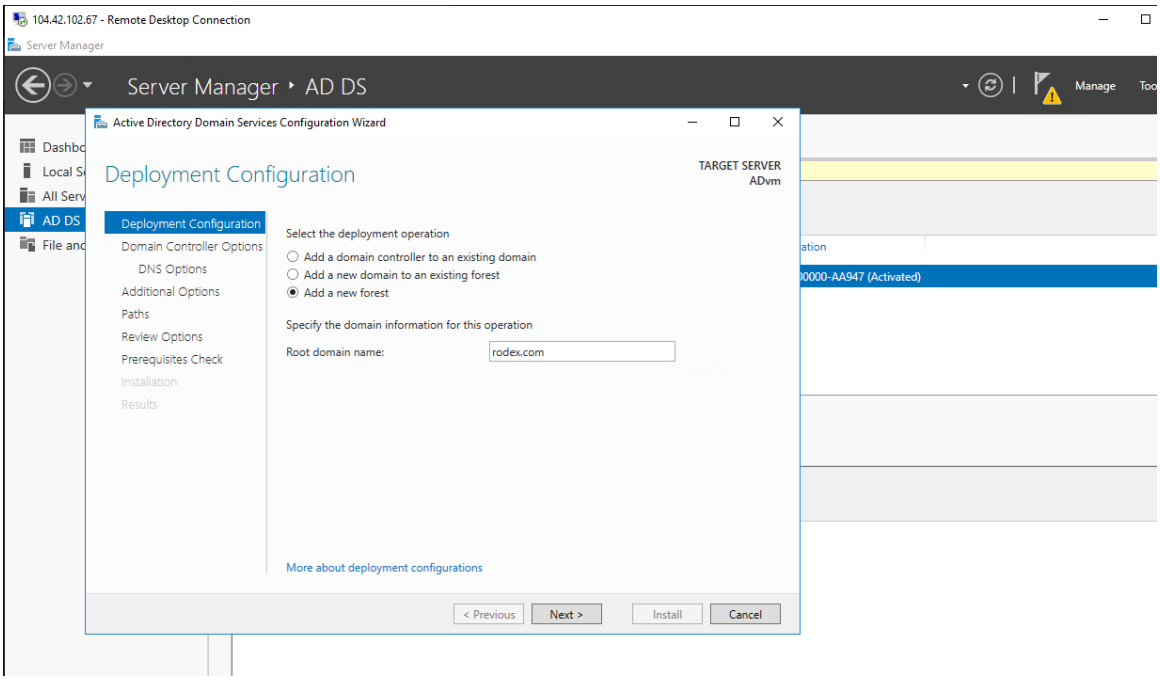
In this tenant I Integrate my vm windows Active directory server to Azure AD using Azure ad connect application for that I create a user named **administrator** with administrator control in my tenant.



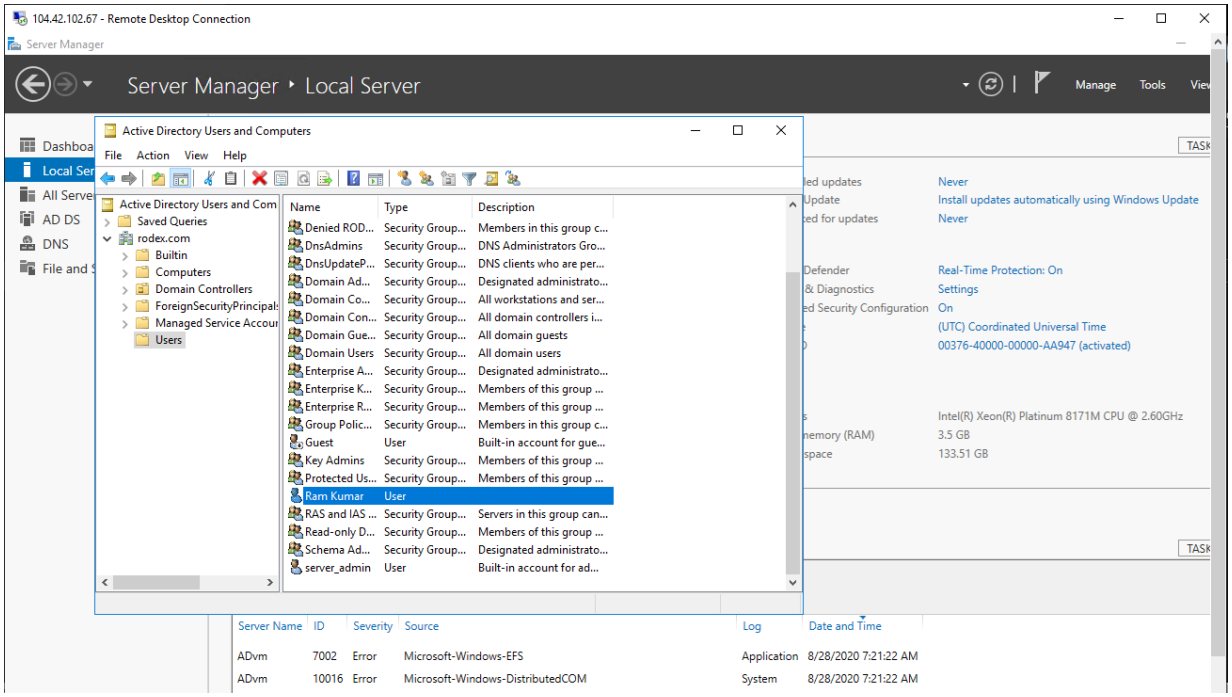


In this windows vm named **ADvm** I configure my windows AD server.

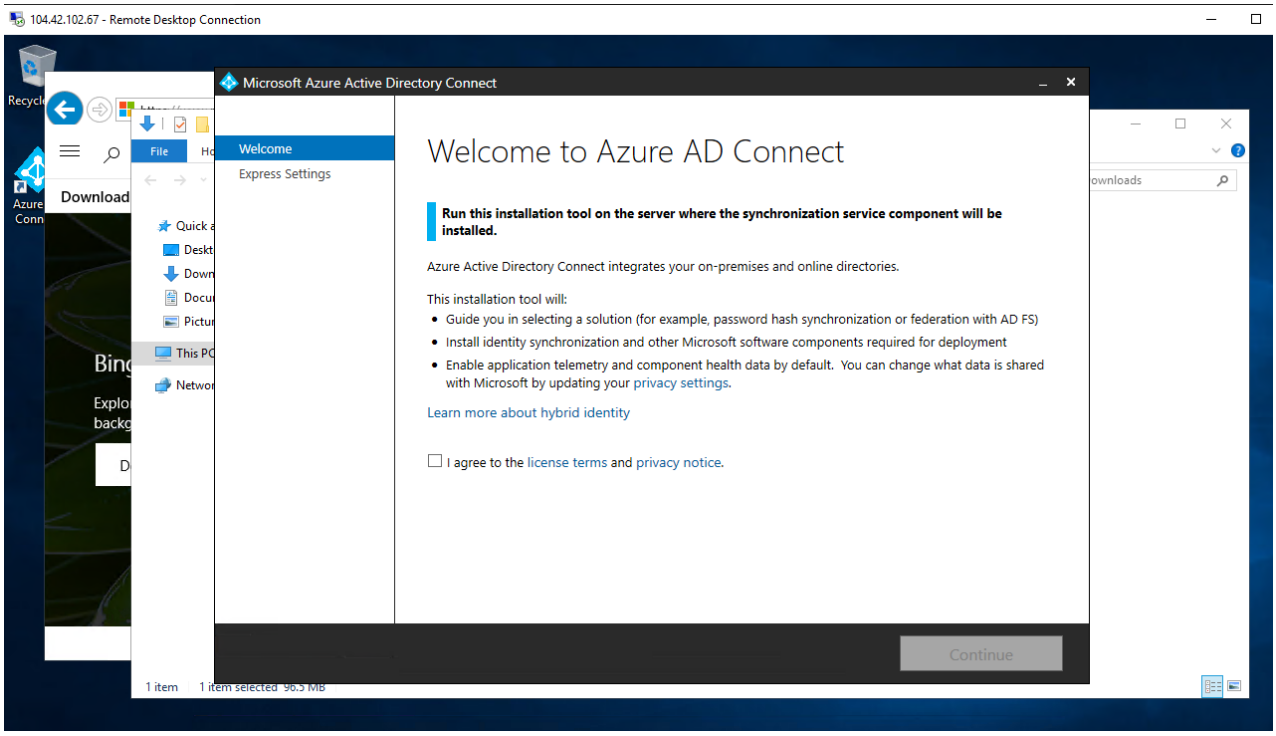


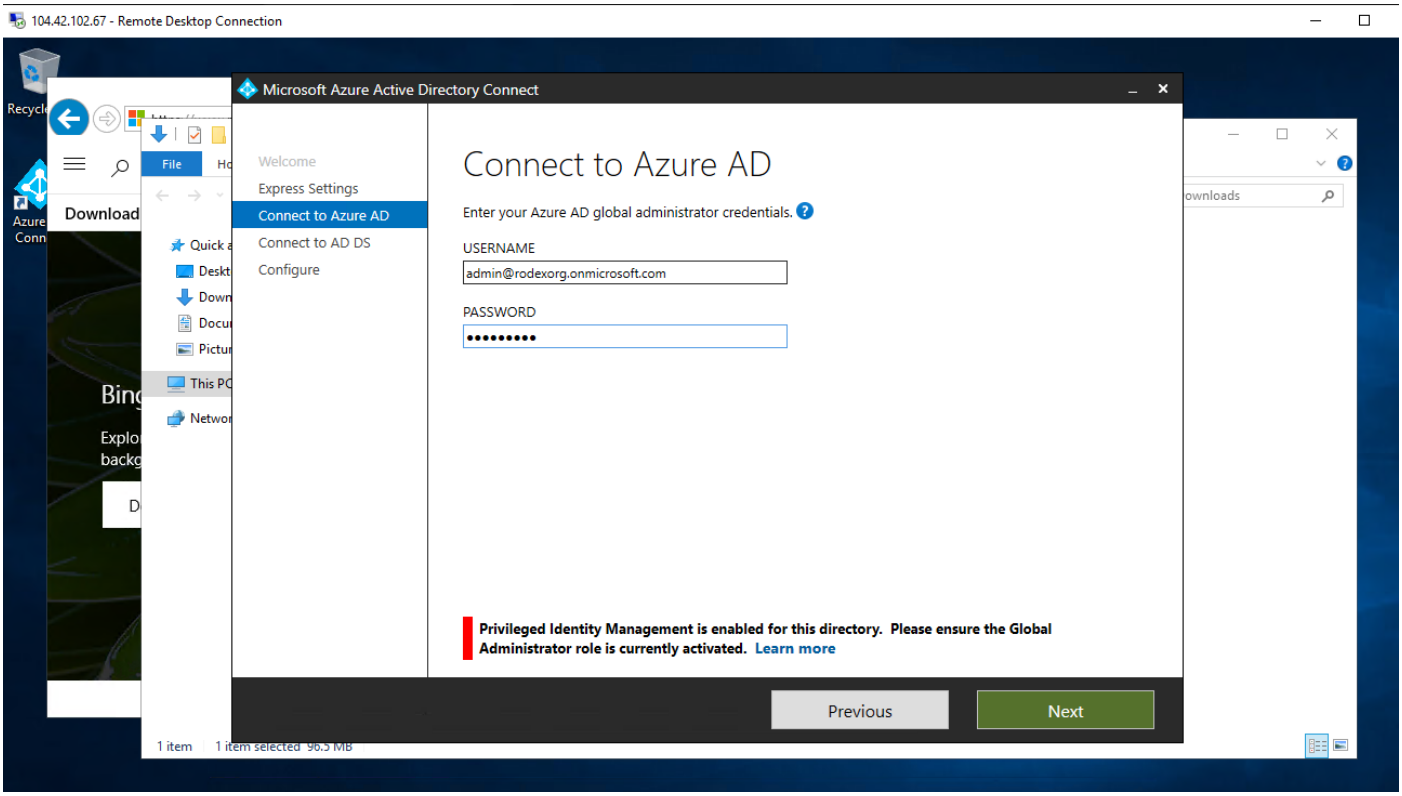


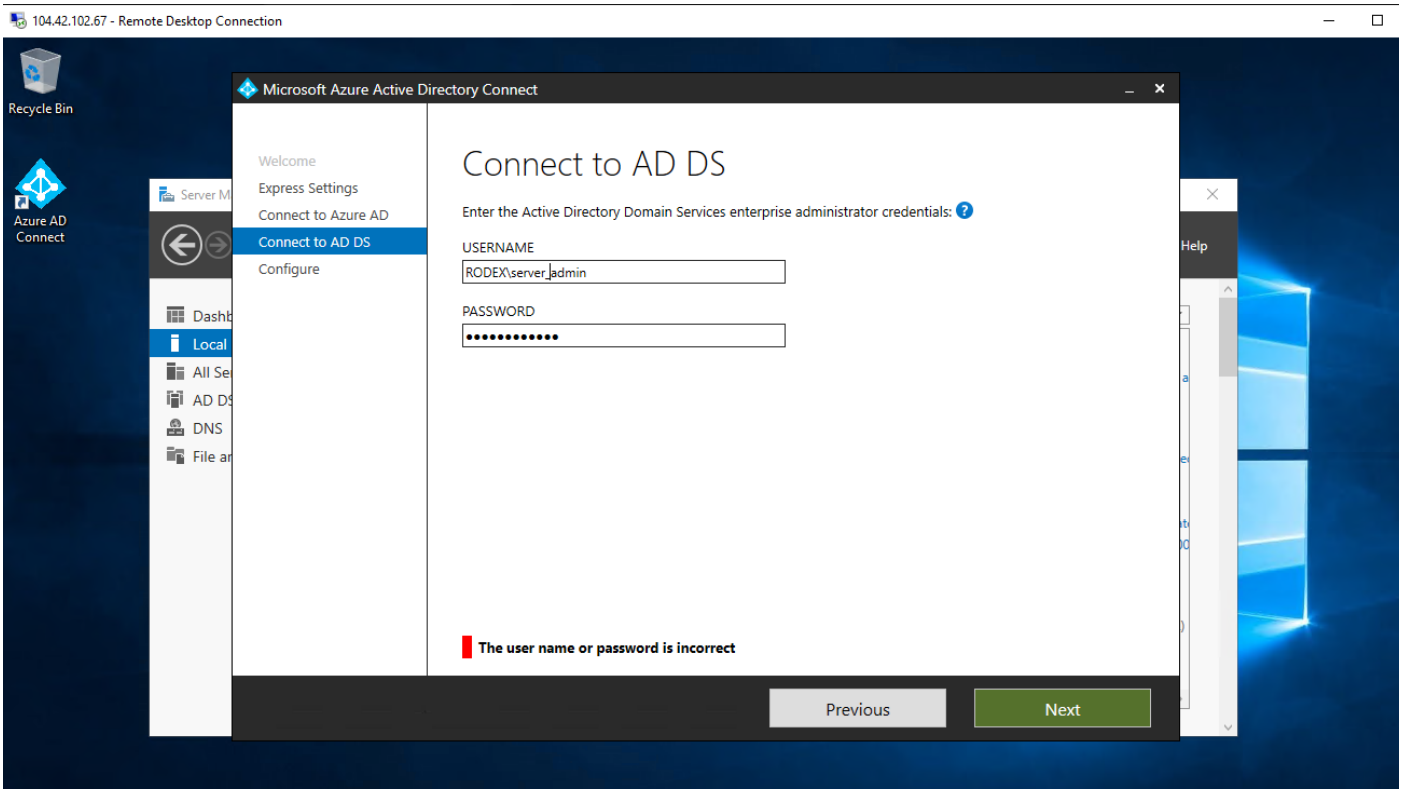
The above snips shows that I configure windows AD with domain name **rodex.com**

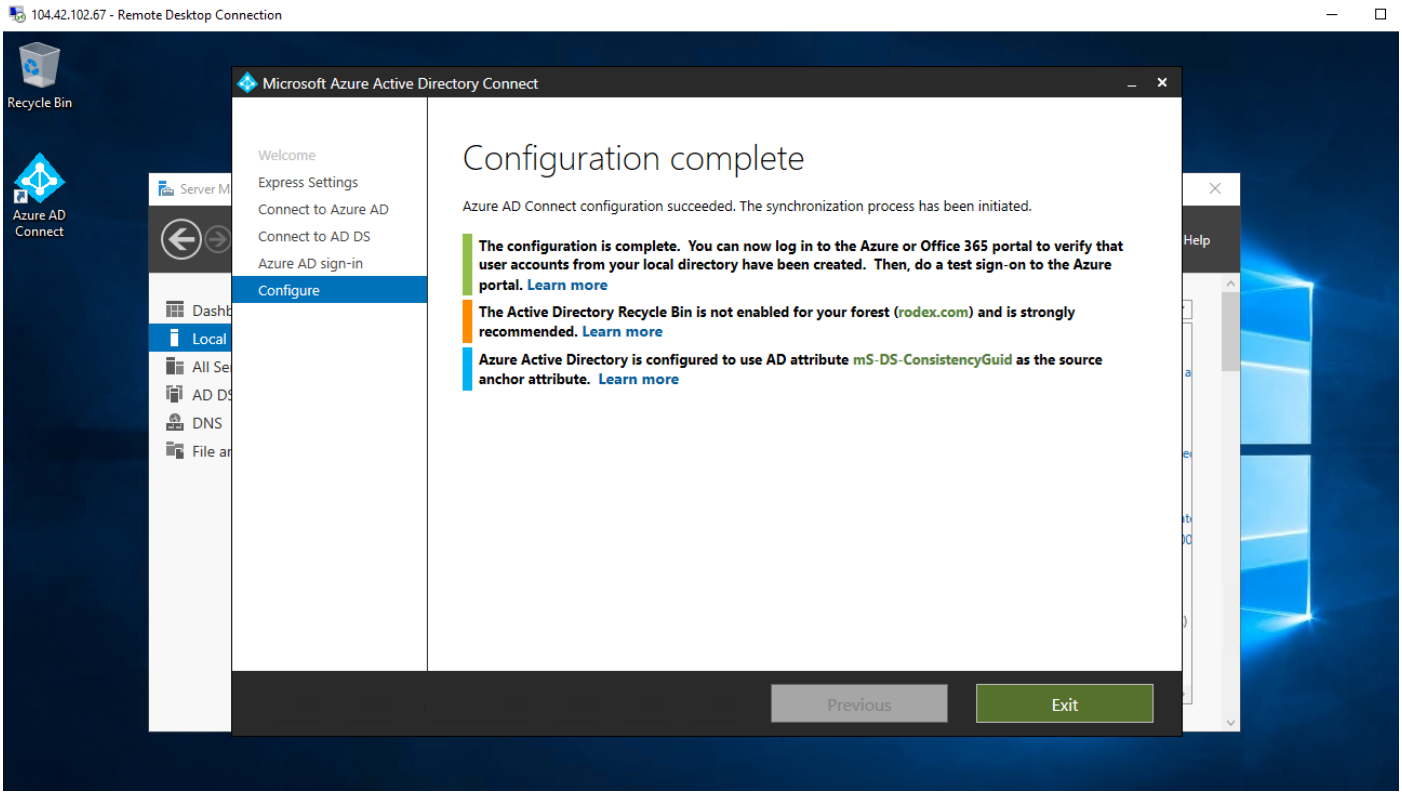


For Identification purpose I create a user named Ram Kumar in my AD users.

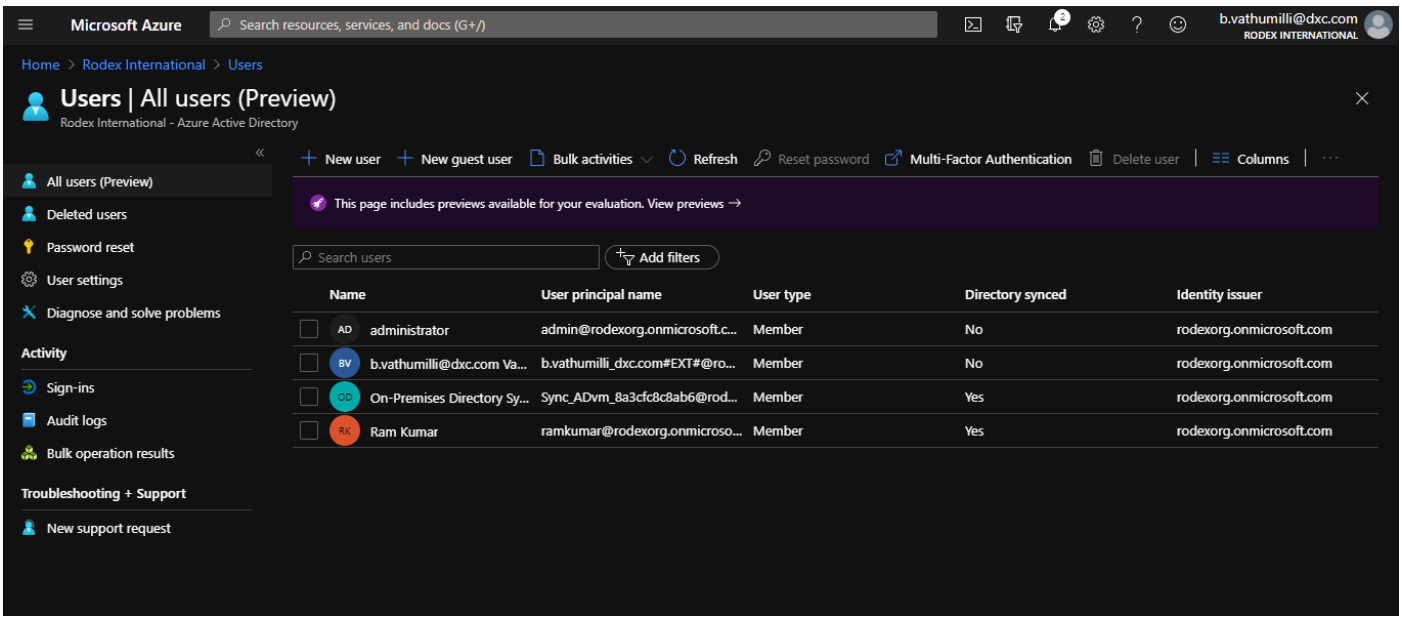



104.42.102.67 - Remote Desktop Connection
Microsoft Azure Active Directory Connect
Welcome
Express Settings
Connect to Azure AD
Connect to AD DS
Configure
Connect to Azure AD
Enter your Azure AD global administrator credentials.
USERNAME
admin@rodexorg.onmicrosoft.com
PASSWORD
Privileged Identity Management is enabled for this directory. Please ensure the Global Administrator role is currently activated. Learn more
Previous
Next


104.42.102.67 - Remote Desktop Connection
Recycle Bin
Azure AD Connect
Microsoft Azure Active Directory Connect
Welcome
Express Settings
Connect to Azure AD
Connect to AD DS
Configure
Connect to AD DS
Enter the Active Directory Domain Services enterprise administrator credentials:
USERNAME
RODEX\server_admin
PASSWORD
The user name or password is incorrect
Previous
Next



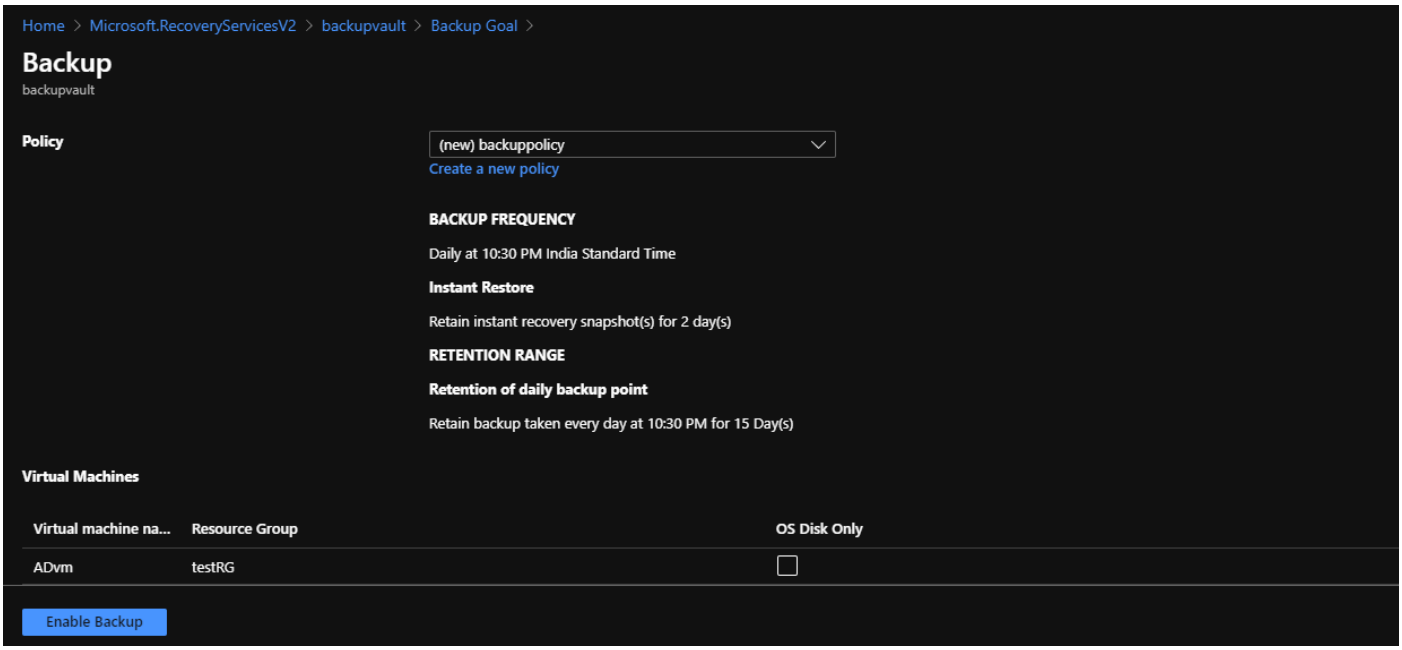
After that I configure azure AD connect in my VM



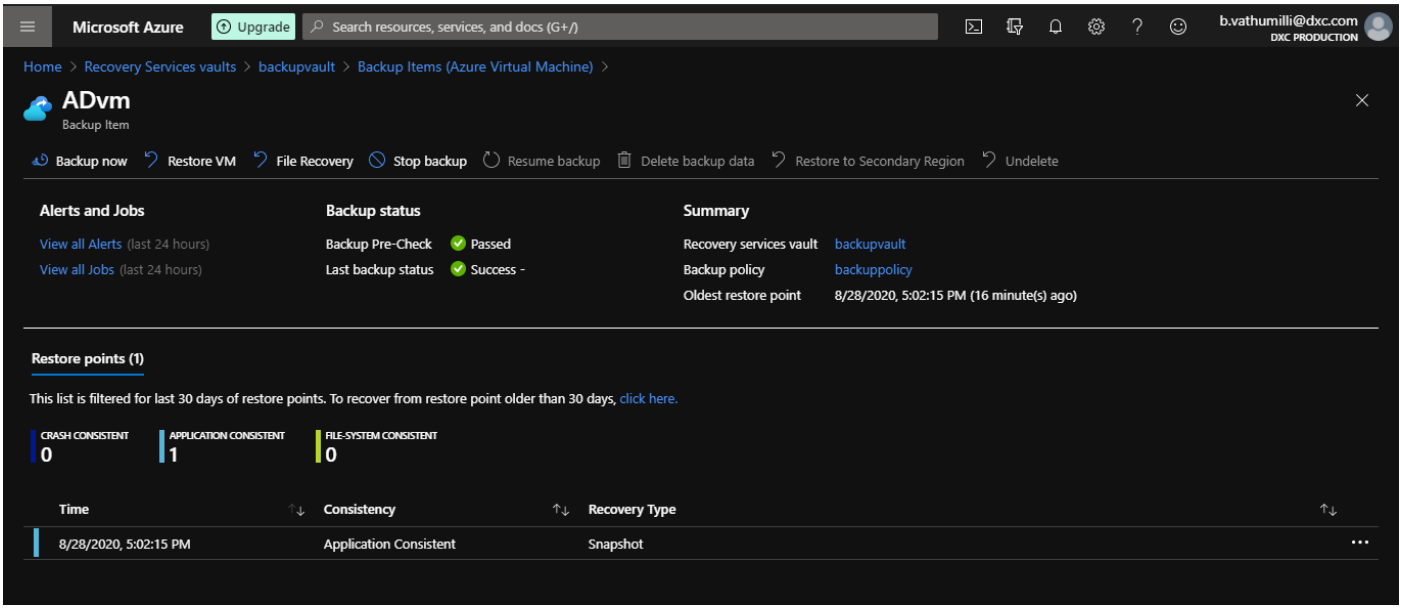
After Integration it shows that the users in the windows AD are visible in the tenant users.

4. configure a backup to the VM you installed AD

The Vm I used to create Windows AD is **ADvm.** Here I take the backup of that vm. For that I create a recovery service vault named **backupvault** and I configure backup in it.

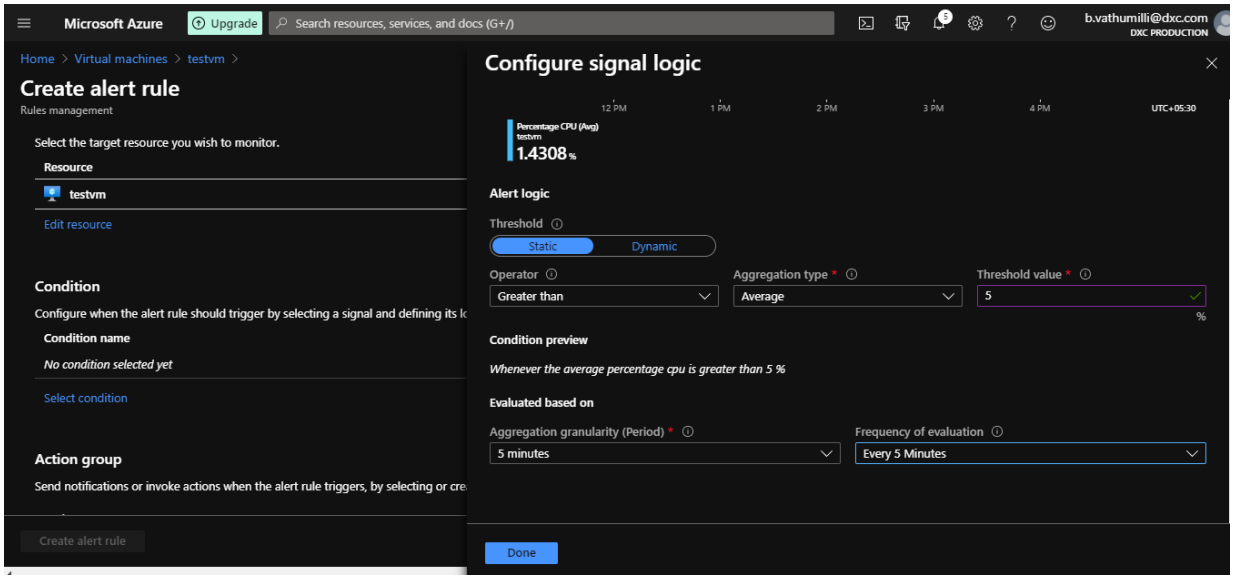


Here I add the vm and configure the backup policy with 15 days retention period.

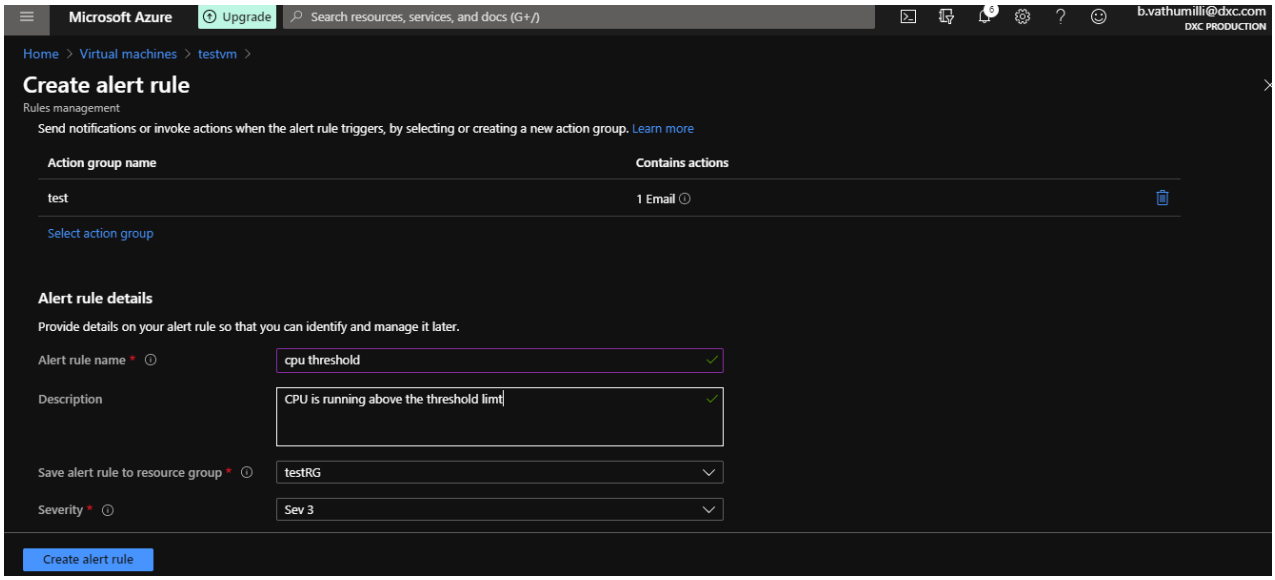


After that I took the Backup of that vm.

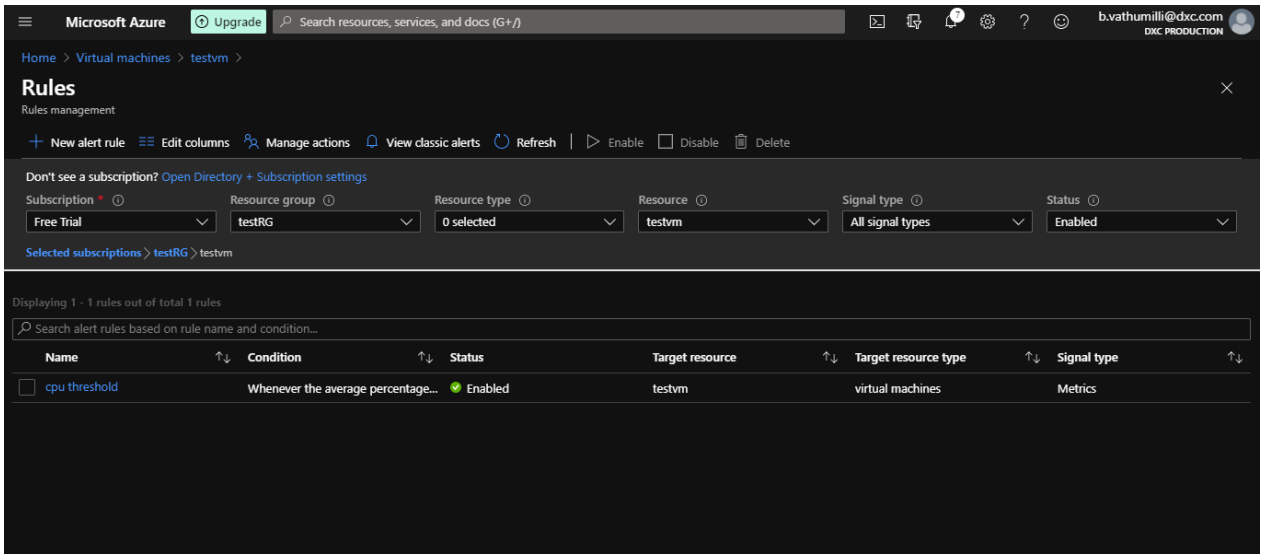
5. configure alerts for the VM



Here I configure alerts for the vm named **testvm.** I create alert rule for cpu threshold. It give alert to the admin when the cpu threshold is greater than 5%

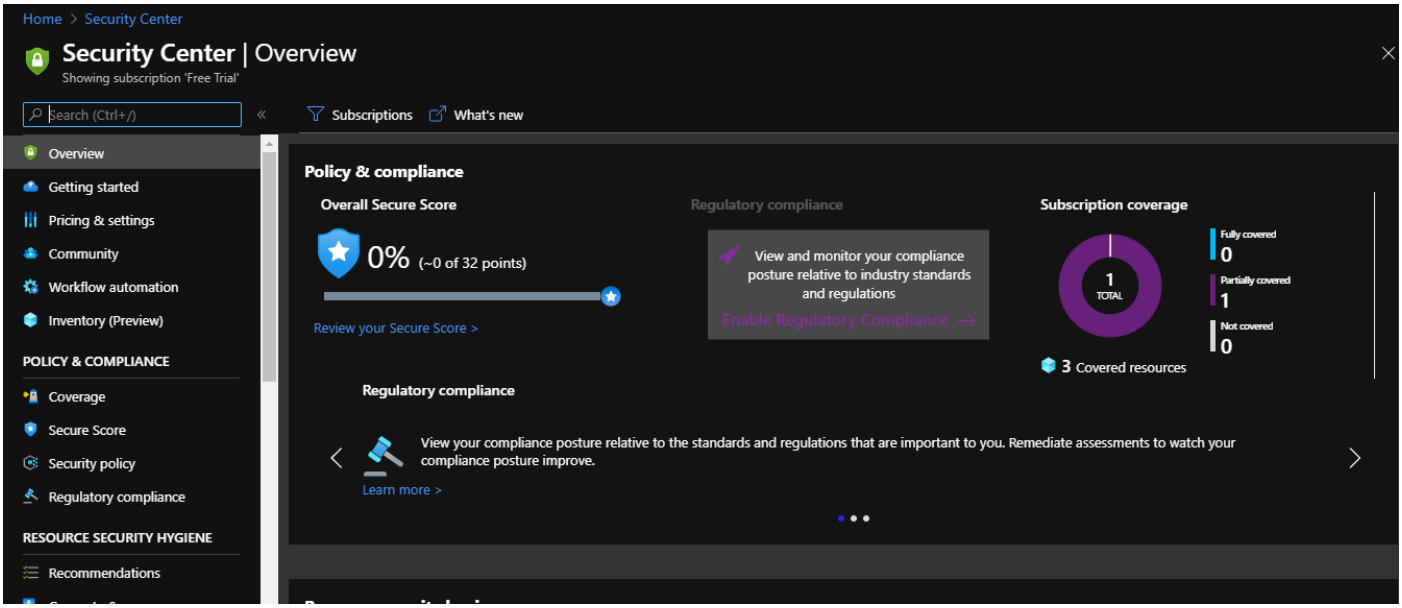


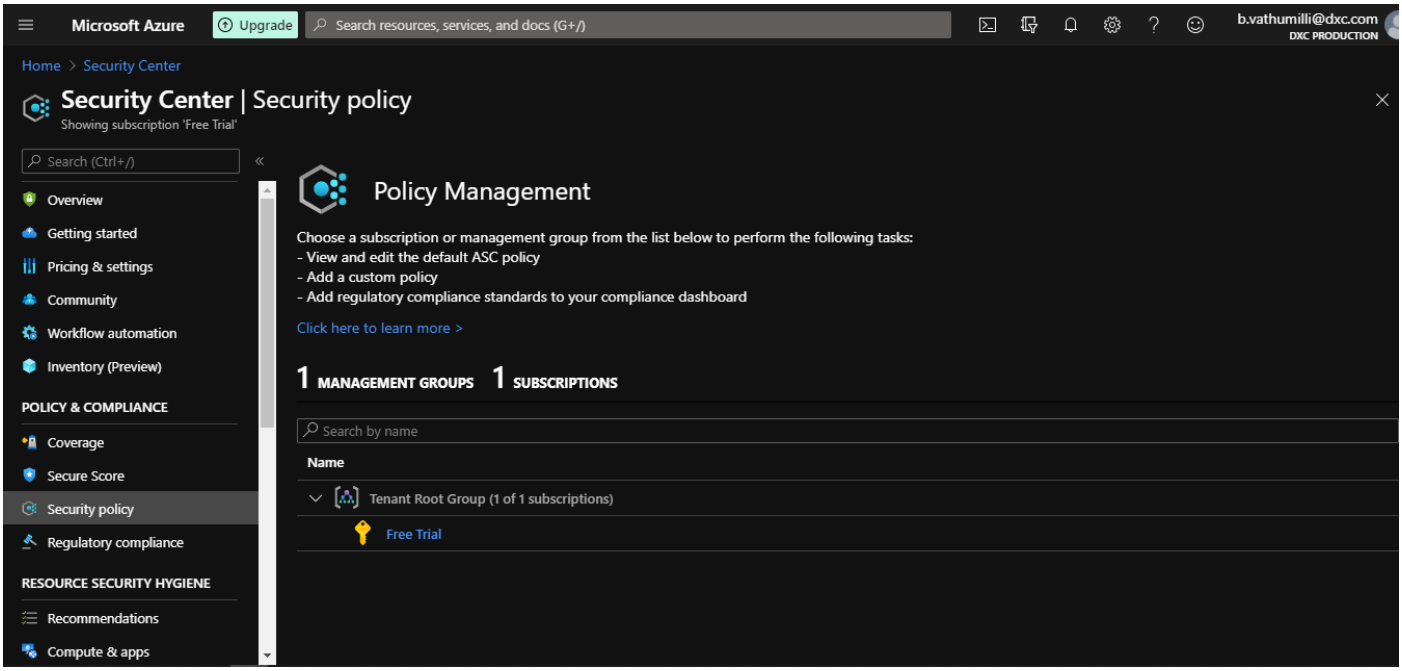
In the action group I gave my own mail id.



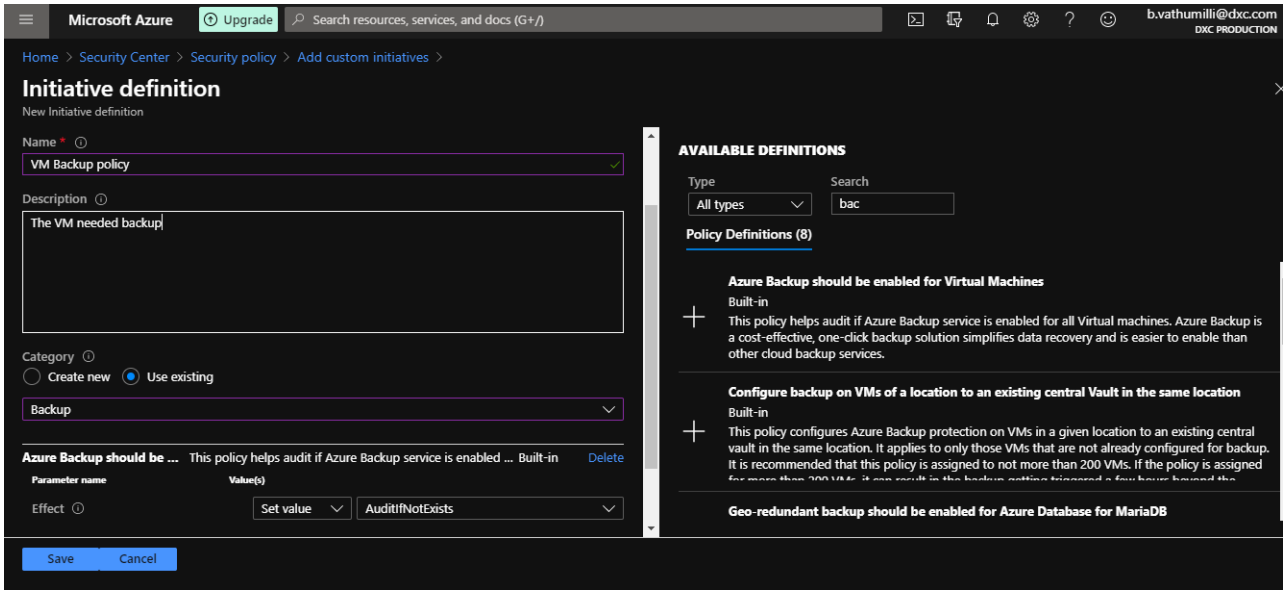
Finally I enable the alert rule.

6. Apply any security policy to the subscription

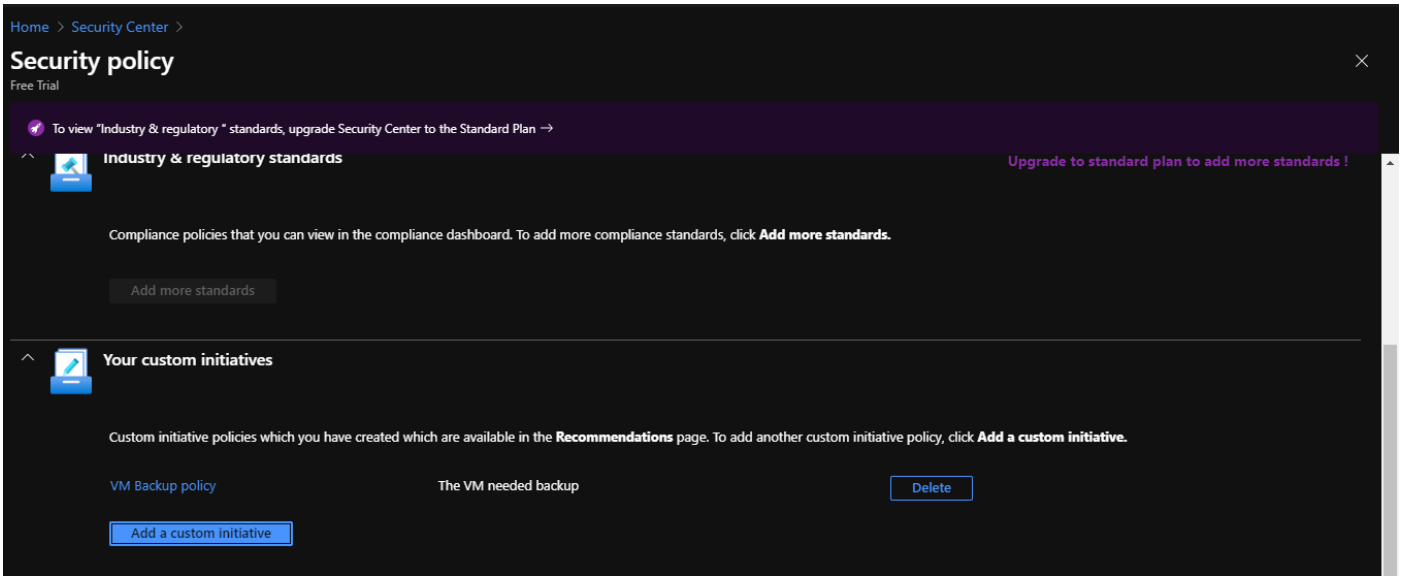




I go to my free trail subscription security center to create a new security policy.

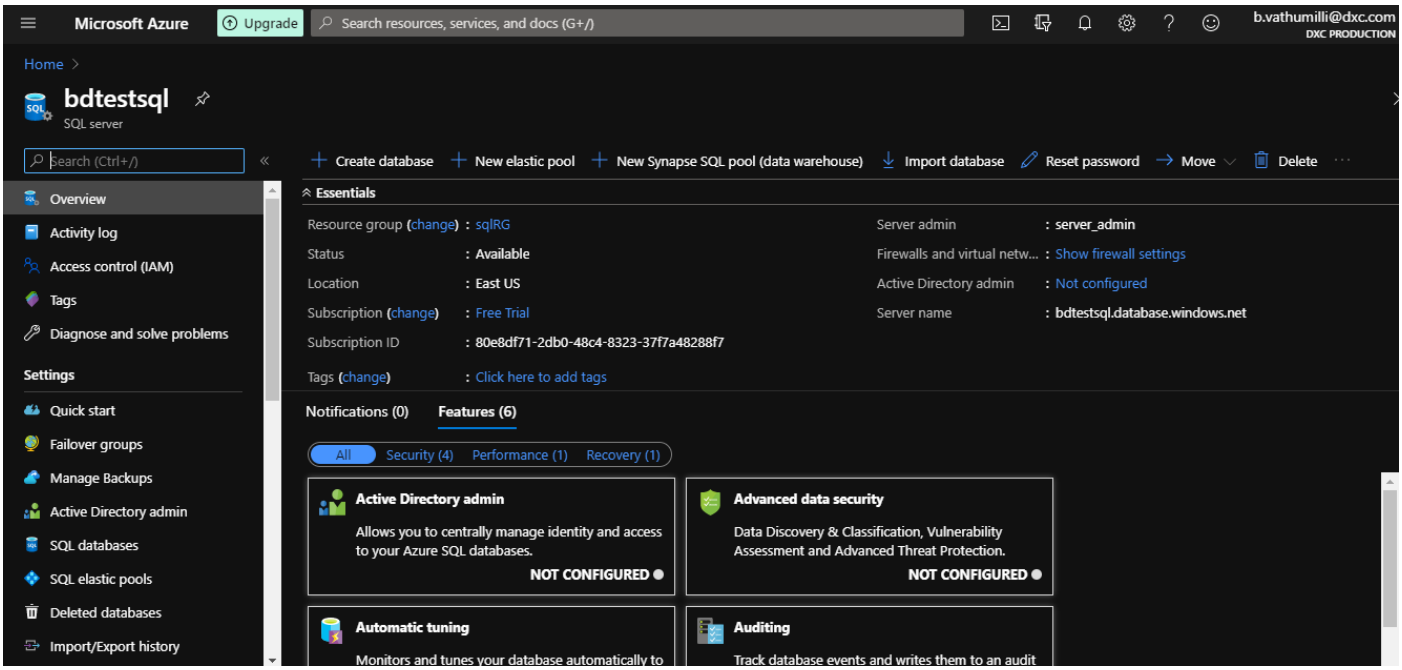


There in the Initiative definition by using available definition I create a **vm backup policy.**

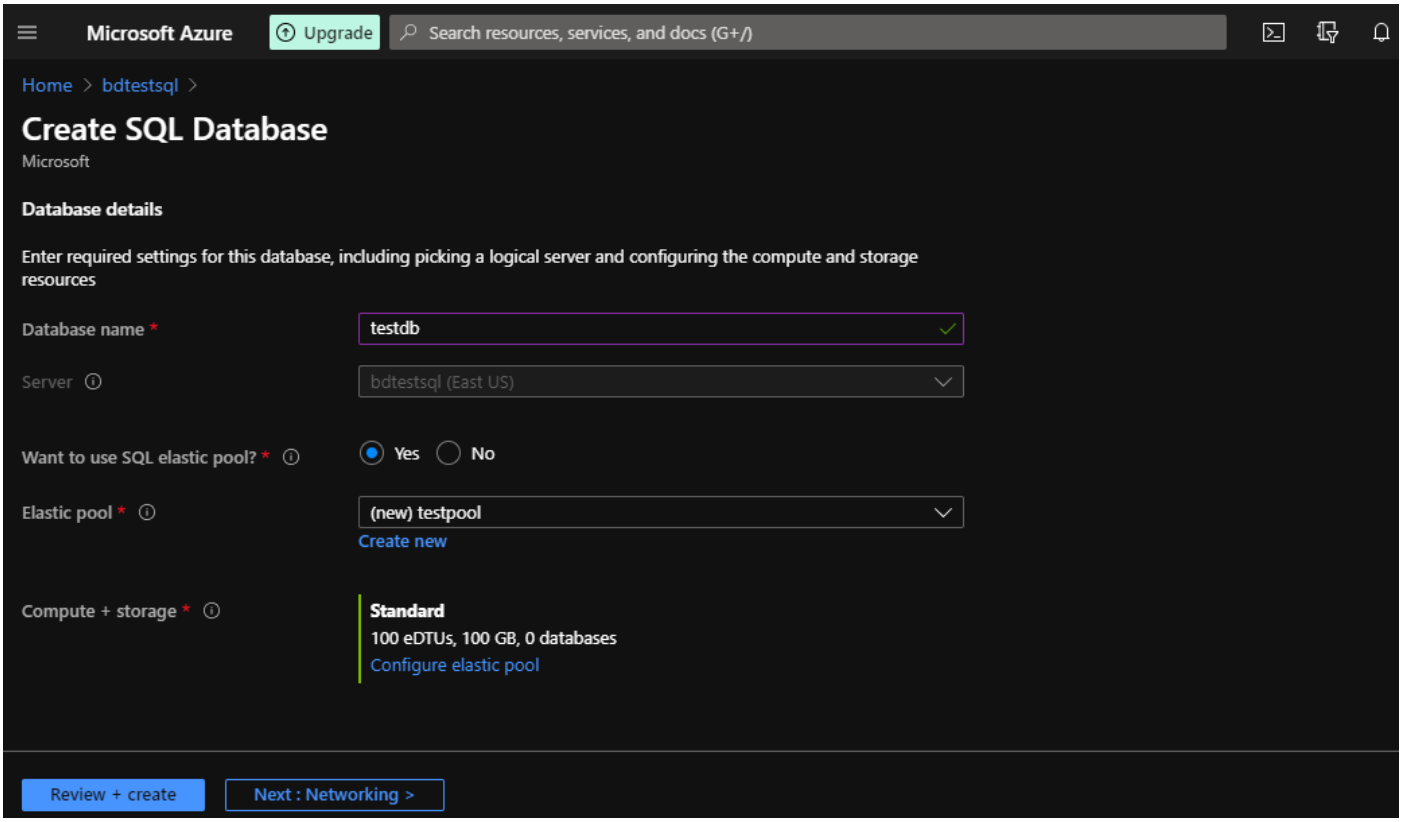


In the above snip policy I created is visible.

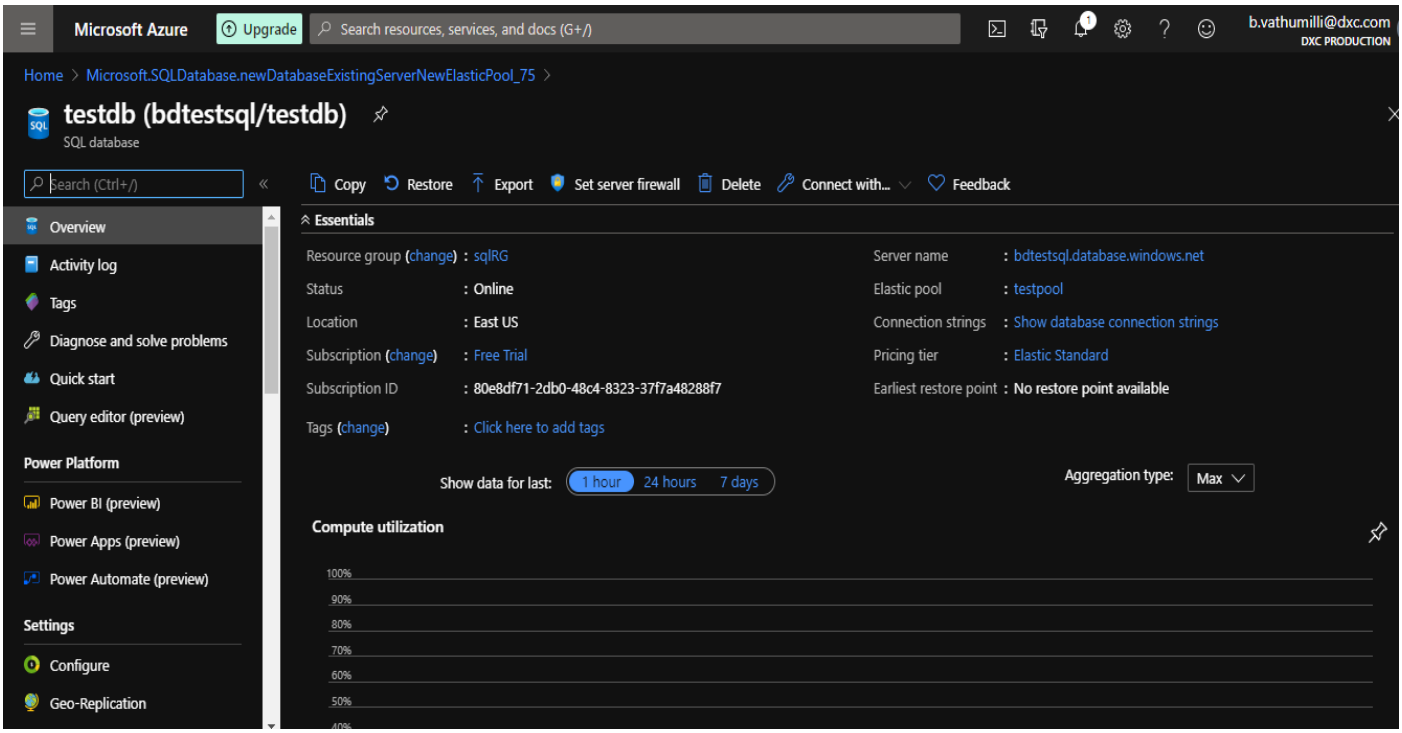
7. create a SQL server with database installed in the elastic pool



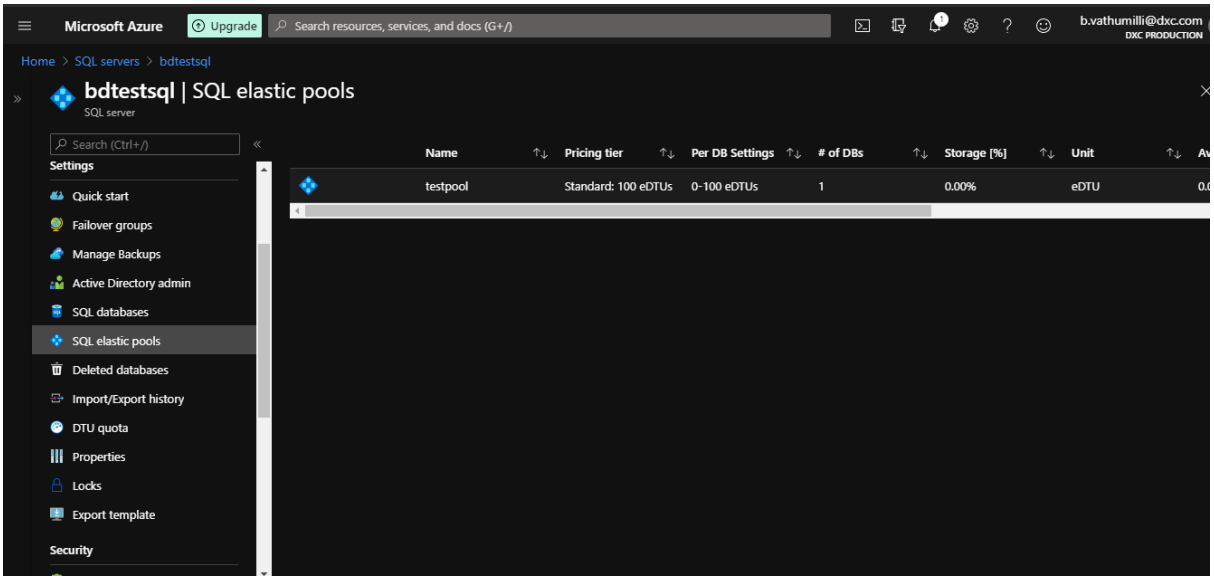
First I create a SQL server named **bdtestsql** in East US location.



After that I create a SQL database named **testdb** with elastic pool named **testpool.**



The above snip shows the database I created with elastic pool.



Here it shows the elastic pool I created with pricing tier.