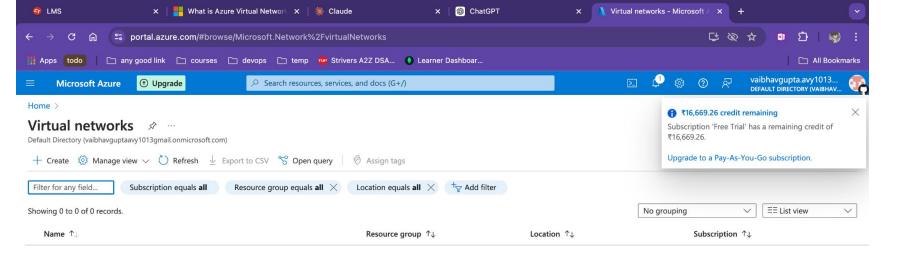
VIRTUAL NETWORK IN AZURE



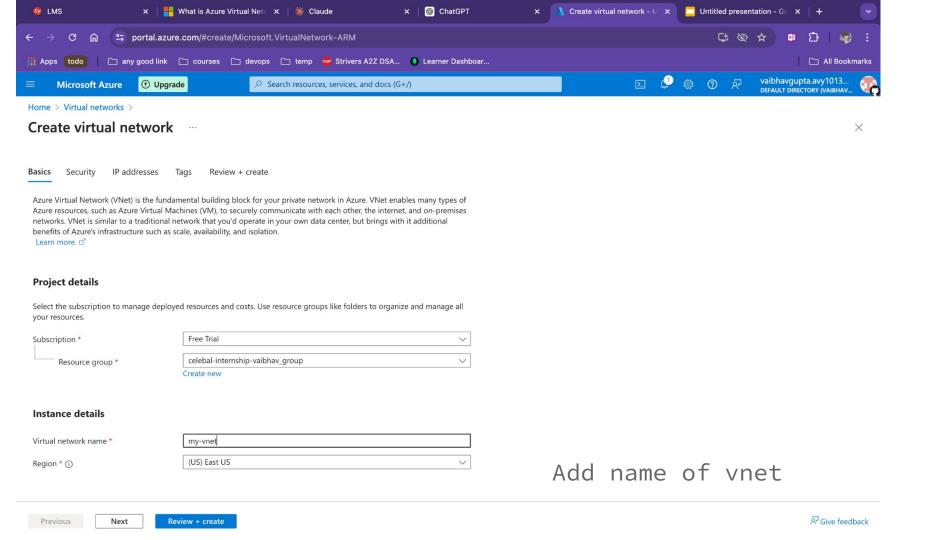


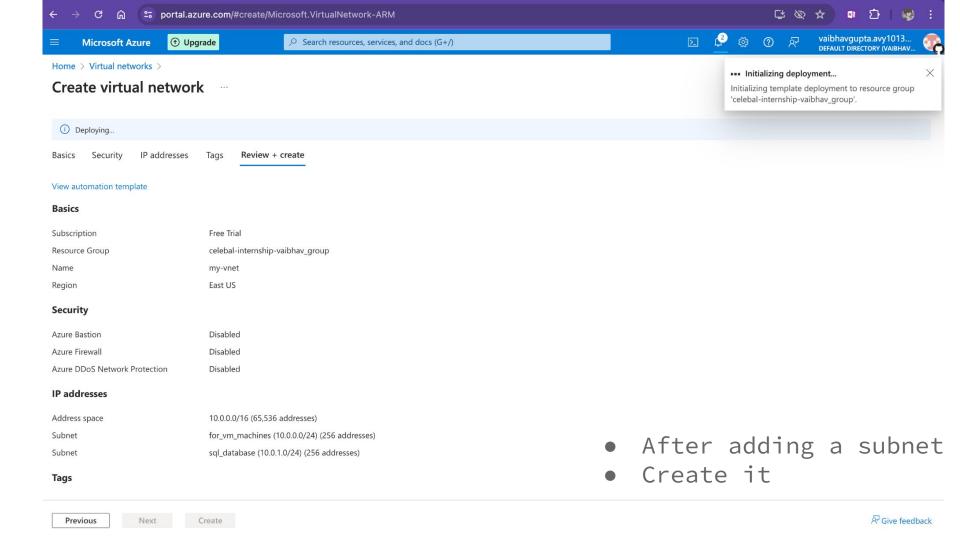
No virtual networks to display

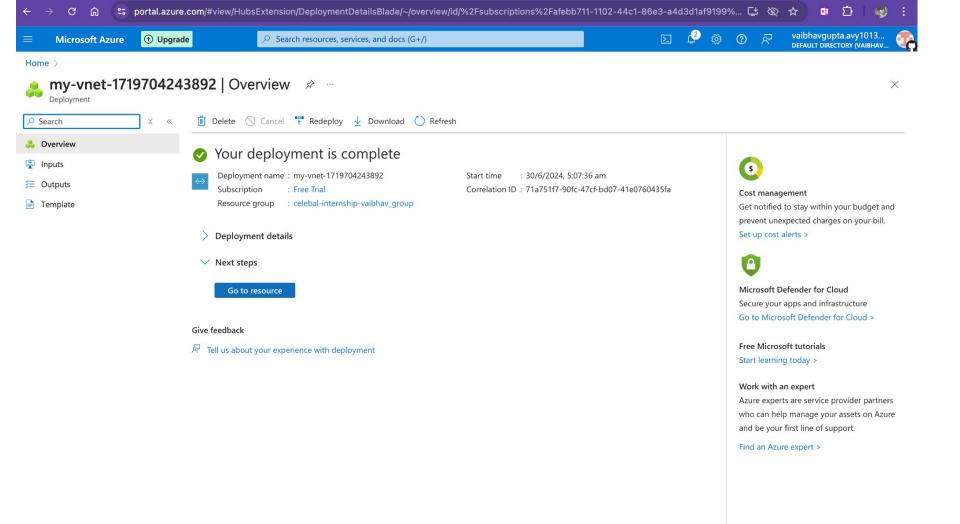
Create a virtual network to securely connect your Azure resources to each other. Connect your virtual network to your on-premises network using an Azure VPN Gateway or ExpressRoute.

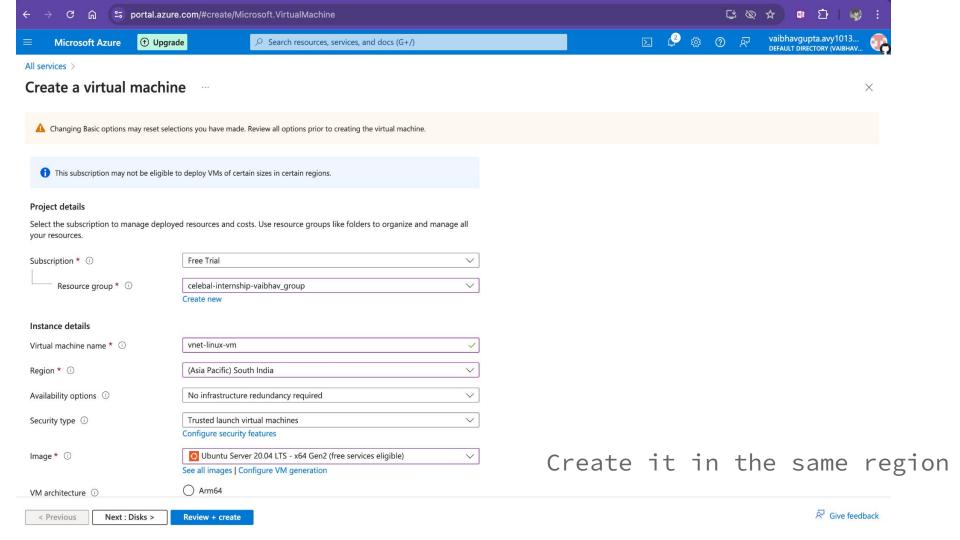


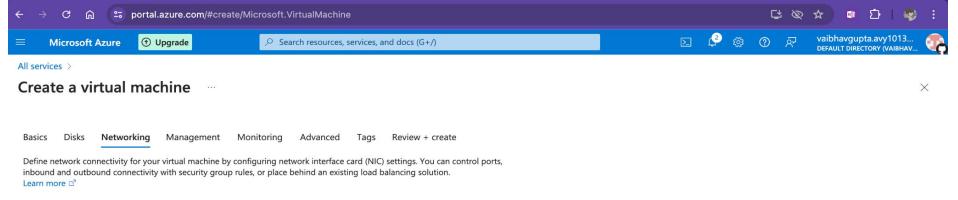
Create a virtual machine





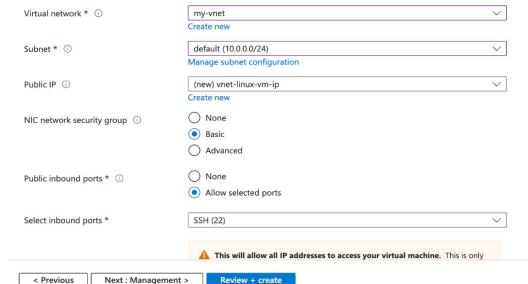






Network interface

When creating a virtual machine, a network interface will be created for you.



Add custom vnet in networking





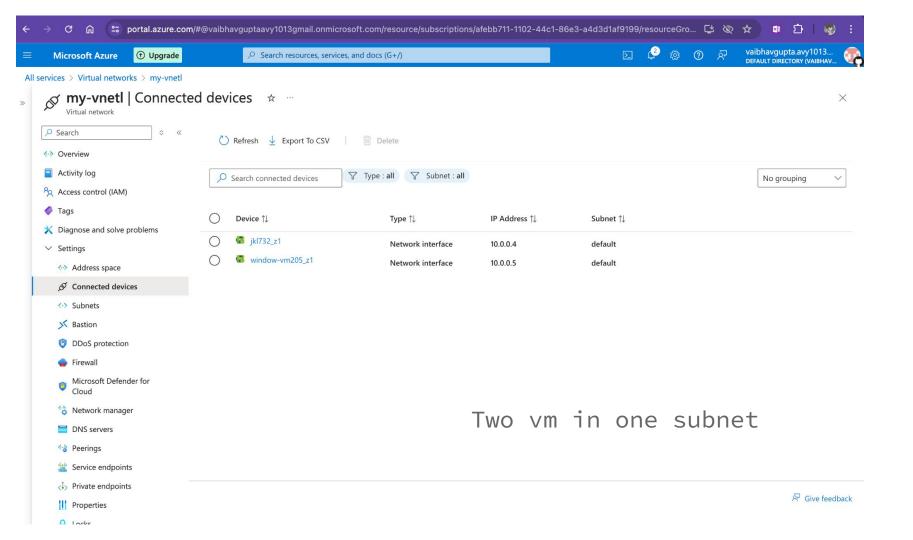
Home > CreateVm-canonical.0001-com-ubuntu-server-focal-2-20240630054237 | Overview >

Create a virtual machine

Basics Disk	Networking	Management	Monitoring	Advanced	Tags	Review + create				
Define network connectivity for your virtual machine by configuring network interface card (NIC) settings. You can control ports, inbound and outbound connectivity with security group rules, or place behind an existing load balancing solution. Learn more ©										
Network inter	face									
When creating a virtual machine, a network interface will be created for you.										
Virtual network	* (i)	my-vnetl Create new					~			
Subnet * ①		default (10	0.0.0.0/24) onet configuration	on			~			
Public IP ①			dow-vm-ip				~			
NIC network see	curity group ①	None Basic								
		Advanc	ed							
Public inbound	ports * ①	None Allows	selected ports							
Select inbound	ports *	RDP (3389))				~			
									Do	same
		⚠ This	will allow all IP a	addresses to acc	cess your v	rirtual machine. This is o	only		_ •	<u> </u>

Do same for windows...

X





Server details

Enter required settings for this server, including providing a name and location. This server will be created in the same subscription and resource group as your database.

Server name *	avy-server	~		
		.database.windows.n		
Location *	(Europe) North Europe	V		

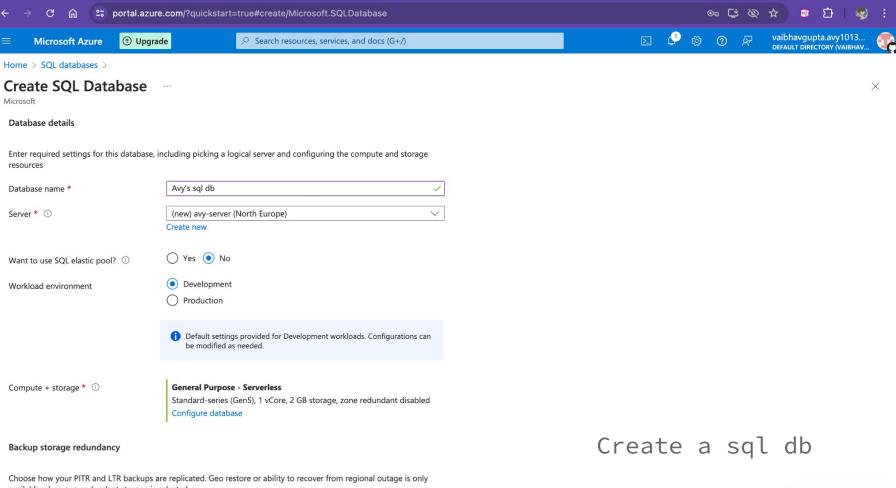
Authentication



Select your preferred authentication methods for accessing this server. Create a server admin login and password to access your server with SQL authentication, select only Microsoft Entra authentication Learn more & using an existing Microsoft Entra user, group, or application as Microsoft Entra admin Learn more &, or select both SQL and Microsoft Entra authentication.

Authentication method	Use Microsoft Entra-only authentication
	 Use both SQL and Microsoft Entra authentication
	Use SQL authentication
Set Microsoft Entra admin *	Not Selected

Create a sql server



available when geo-redundant storage is selected.

Next : Networking >

Review + create



















X

Microsoft Azure

① Upgrade

∠ Search resources, services, and docs (G+/)





vaibhavgupta.avy1013... DEFAULT DIRECTORY (VAIBHAV...

Home > SOL databases >

Create SQL Database

Microsoft

Basics Networking Security

Additional settings

Tags

Review + create

Product details

SQL database by Microsoft

Terms of use | Privacy policy

Estimated cost

Storage cost 27.36 INR / month + Compute cost 0.012299 INR / vCore second

Terms

By clicking "Create", I (a) agree to the legal terms and privacy statement(s) associated with the Marketplace offering(s) listed above; (b) authorize Microsoft to bill my current payment method for the fees associated with the offering(s), with the same billing frequency as my Azure subscription; and (c) agree that Microsoft may share my contact, usage and transactional information with the provider(s) of the offering(s) for support, billing and other transactional activities. Microsoft does not provide rights for third-party offerings. For additional details see Azure Marketplace Terms.

Basics

Validating...

Subscription Free Trial

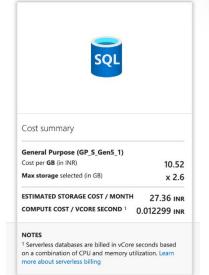
Resource group celebal-internship-vaibhav group

North Europe Region Database name Avy's sql db Server (new) avy-server Authentication method SQL authentication

Server admin login avy

Compute + storage General Purpose - Serverless: Standard-series (Gen5), 1 vCore, 2 GB storage, ••• Initializing deployment...

Initializing template deployment to resource group 'celebal-internship-vaibhav_group'.



Final setup

```
# Configure a Virtual Network Rule for the SQL Server
az sql server vnet-rule create \
    --resource-group $resourcegroup \
    --server $sqlServerName \
    --name MyVnetRule \
    --vnet-name $vnetName \
    --subnet $subnet2Name \
    --output table
```

Edit the sql server for subnet 2 And your done

- DID MANY THINGS HERE
- CREATED TWO VIRTUAL MACHINE
- CREATED A DB
- CONNECTED THE VMS TO SUBNET 1
- CONNECTED THE SQL SERVER TO SUBNET 2
- HOORAY!! END OF JOB
- ALSO IN GIT THERE IS THE CLI FILE FOR DOING IT IN A INSTANT