

## Microsoft-Azure Cloud NSG Configuration

## How To Secure Azure VM instances Inbound traffics

1st step go log in to your Microsoft Azure account,



## Pick an account

Which account do you want to sign out of?

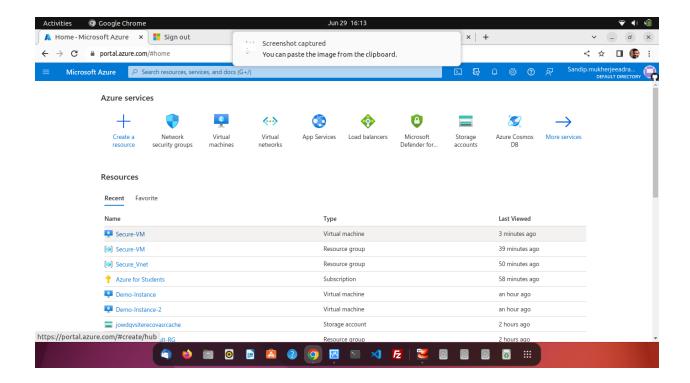


Sandip Mukherjee Sandip.mukherjeeadra@outlook.in Signed in



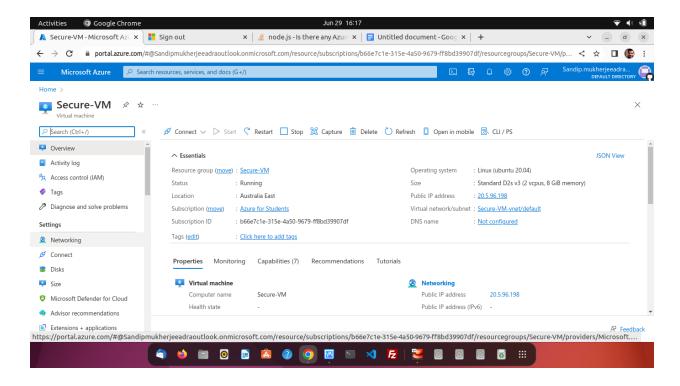
Sandip Mukherjee sandip.mukherjee@cogenerate.in Signed in

You will redirect to **Home** section of Microsoft Azure,

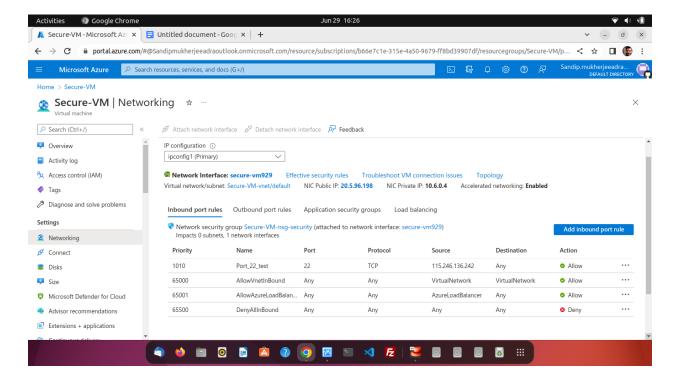


Select the 1st one recent part "**Secure-VM**" of Azure Home name type by Virtual Machine. It is not recommended that you can choose whatever name you have created in VM initialization time.

Next Step, Click on your Azure VM with respected name, after click you will get the below configuration panel.

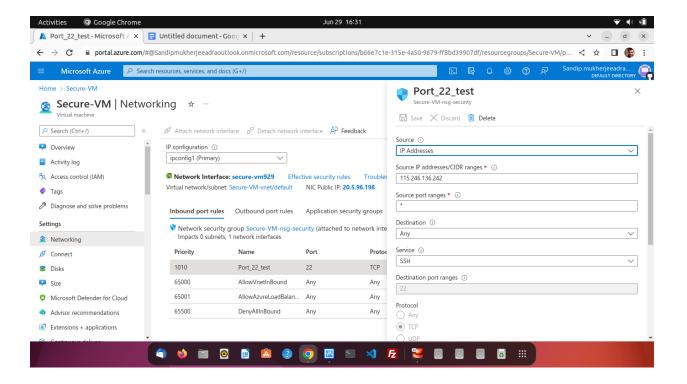


Below the "Secure-VM" Heading have another subheading name "Setting". Under the settings section have another option "Networking", select networking option. After selecting the networking option again you will get details of networking configurations. After selecting the networking option you will see full details of allowed Inbound port rules .

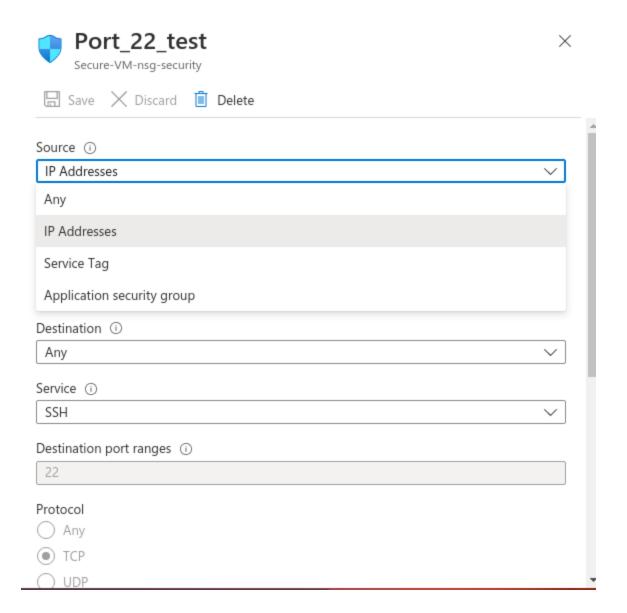


Go to the "Add Inbound port rule" and follow the procedure below to make your instance access only the selected ip address. Nobody can access your Azure VM instance with other network interfaces or other ISP. Now this is high time to know how to make your VM your selected ip access.

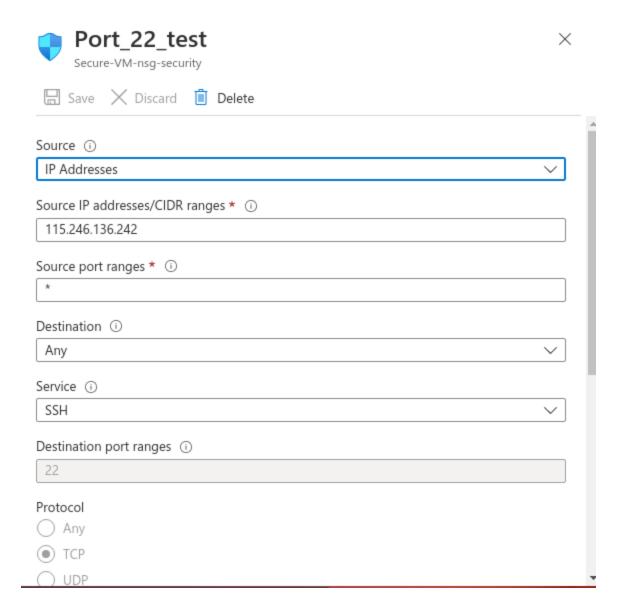
Please follow carefully the process,



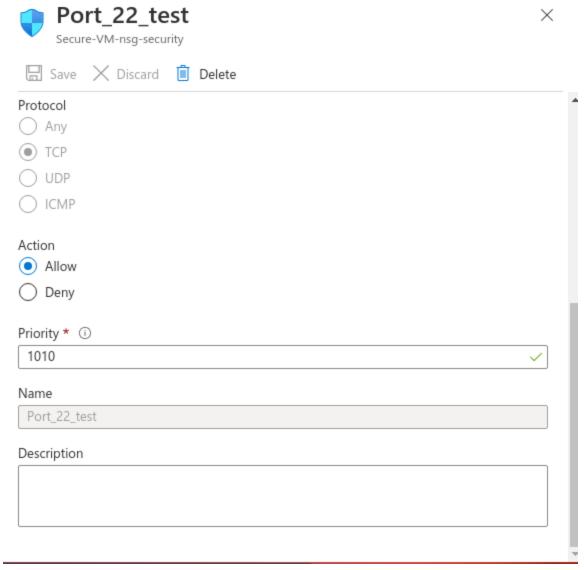
This page will pop-up on your screen, but you have to focus only on the Inbound Rule add section part, which I have attached below respectively.



Choose 1st one IP Addresses in "Source" type.



Next, **Source IP addresses/CIDR ranges** . In that section you have to enter the selected ip address that you want to allow the instances for SSH access or whatever you want to give access with the selected ip address. **Source port ranges** you can allow with star "\*", because the ip respectively secure by your end what is hypothetically considered. Next **Destination** you can process with "**Any**". "**Service**" there I have chosen "**SSH**", you can choose whatever you want as per your IT requirements. The "**Destination port ranges**" automatically select by the system, "**Protocol**" fill will automatically select by the system again. In next section you have no need to change anything.



[ LEAVE THE SECTION, NO NEED TO MODIFY ]

After the end of the whole manual configuration, just "Save" and go to ssh your Azure instance with selected ip address in "Inbound rule" Azure NSG configuration and you are able to access the Azure-VM.

Thank you. Sandip Mukherjee.