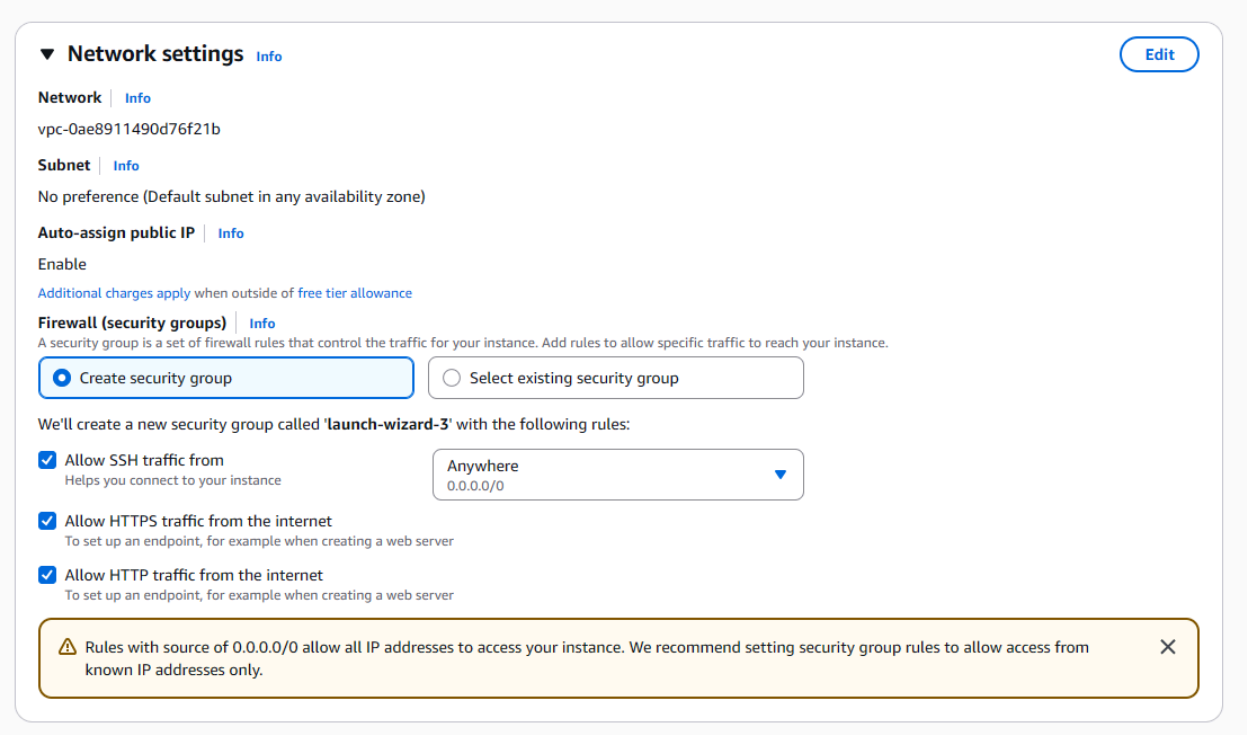
dem

Task-3 : Multi-Cloud Architecture

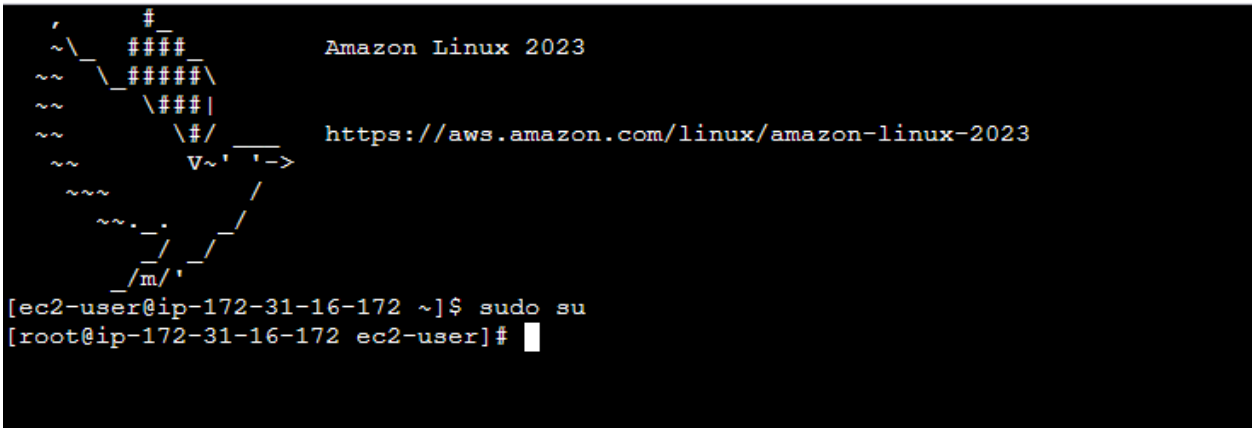
DESIGN A MULTI-CLOUD ARCHITECTURE WHERE SERVICES ARE DISTRIBUTED ACROSS TWO CLOUD PROVIDERS

DELIVERABLE: A DOCUMENTATION AND DEMO SHOWCASING INTEROPERABILITY BETWEEN THE PLATFORMS

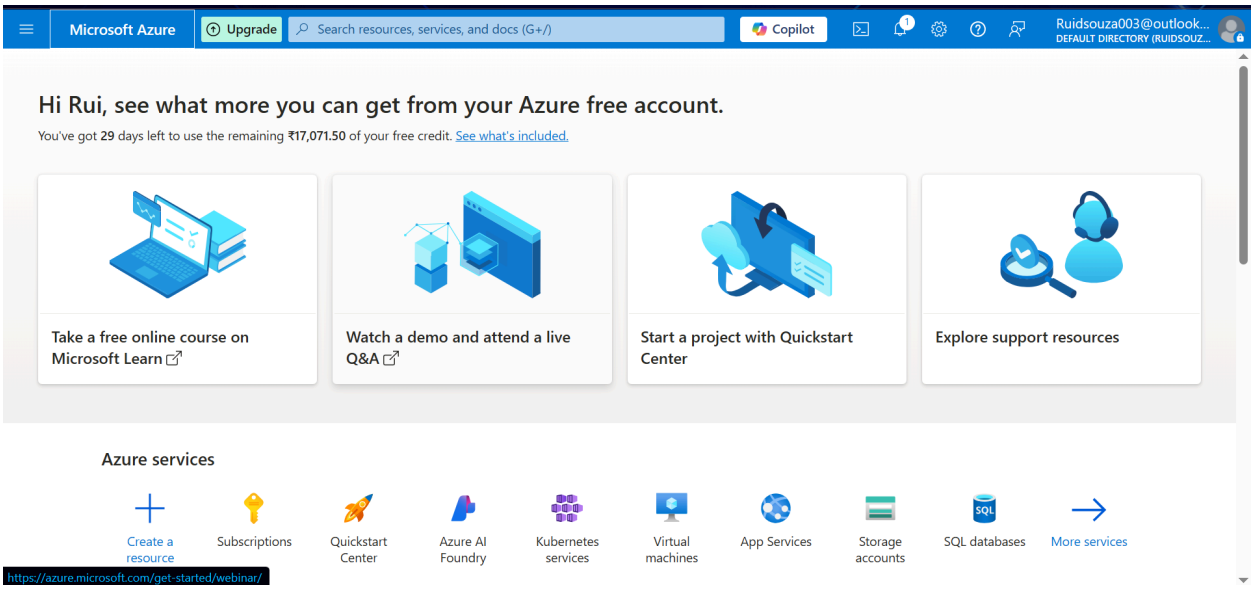
Create a Instance



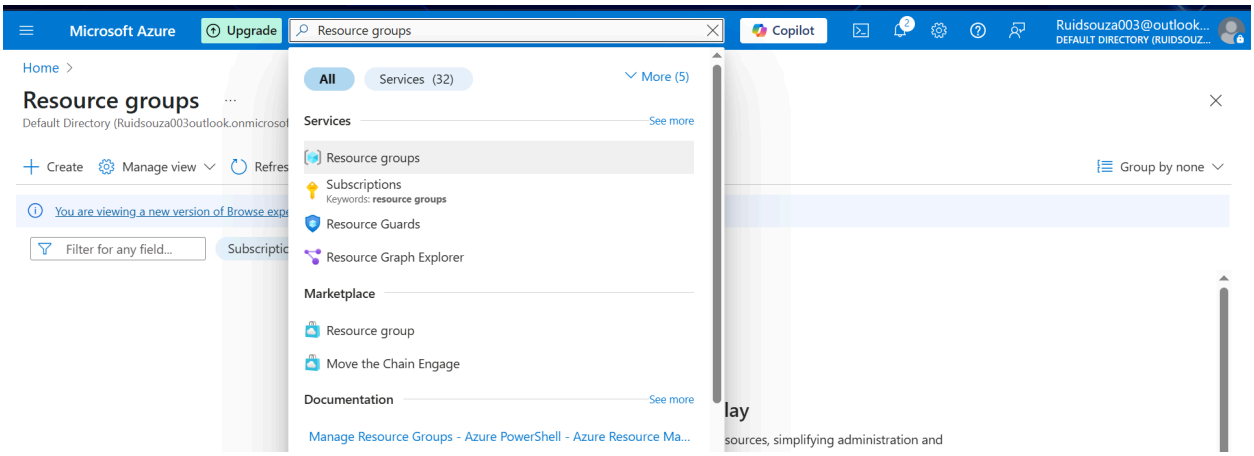
Here you must allow all network traffic



Connect to the Linux as admin by using “sudo su”



Now go to the azure portal this is the home page

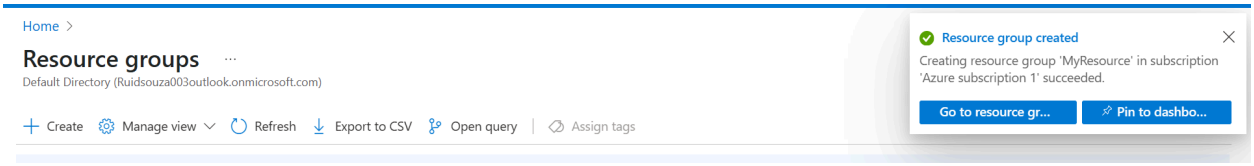


First will create a Resource Group → Search Resource Group → click it

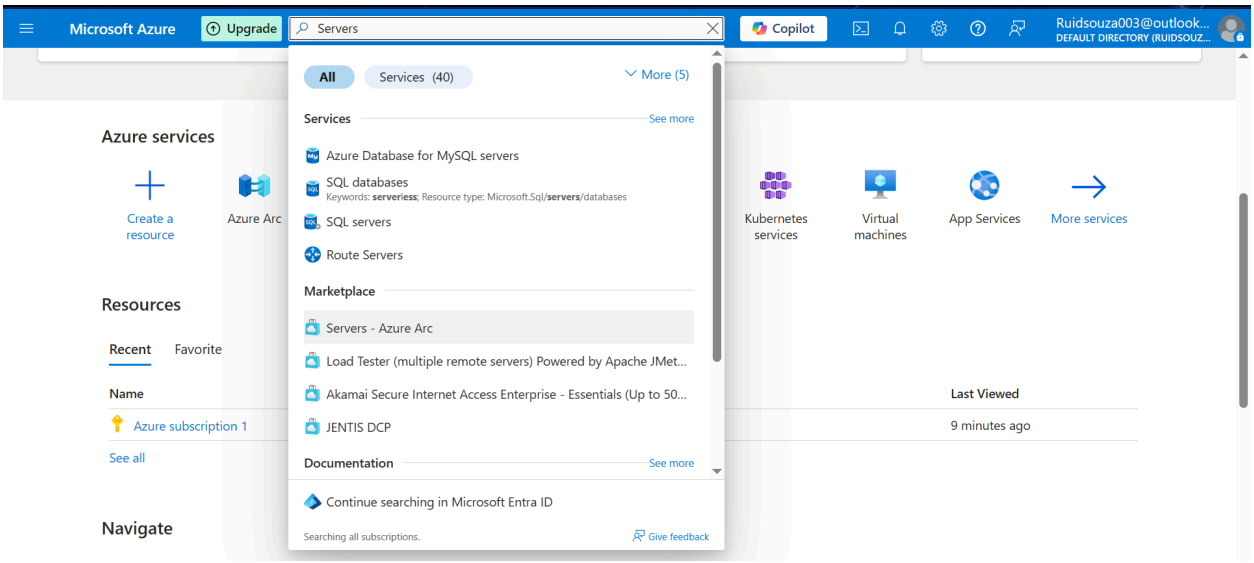
Then just give the name and Regions for it

- Name : MyResource
- Regions: (US) East US

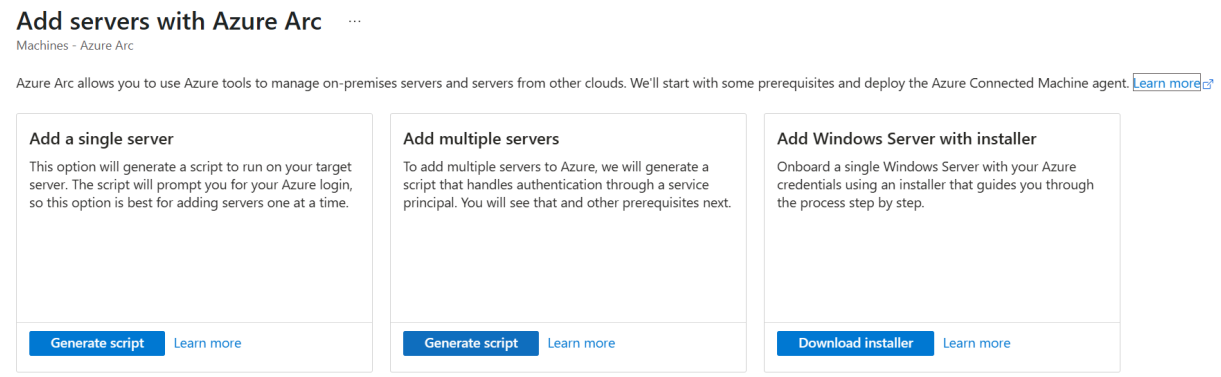
Press create



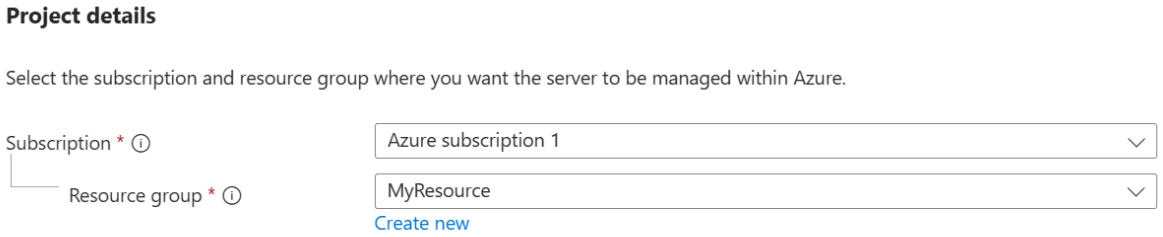
Group is created



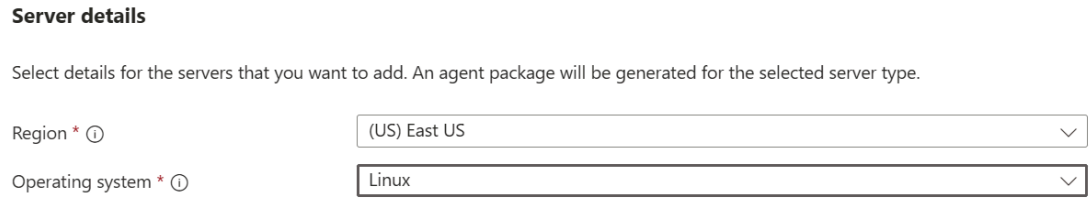
Go to Servers - Azure Arc → click it



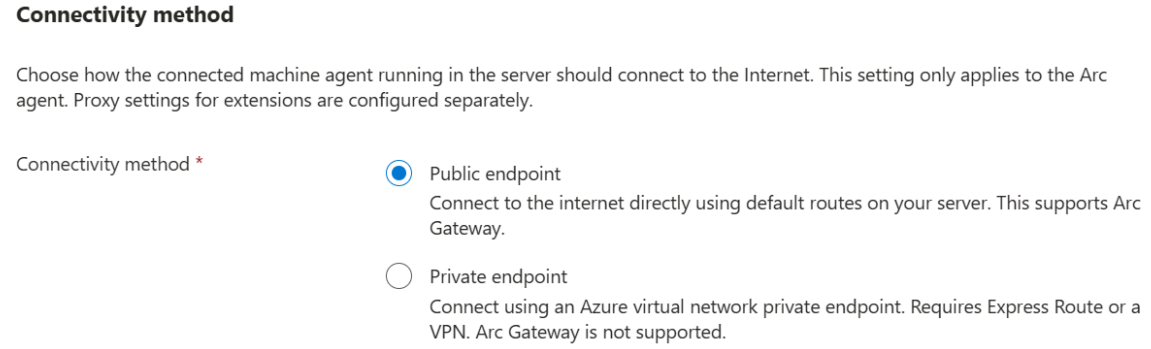
Go to add a single server → Generate script



Give the subscription and resource group



Give the Region and OS



Keep the connectivity as Public

Physical location tags

Start with these options for physical location types, change them to suit your needs, or create your own. If you leave t
blank for these options, the tags will not be created.

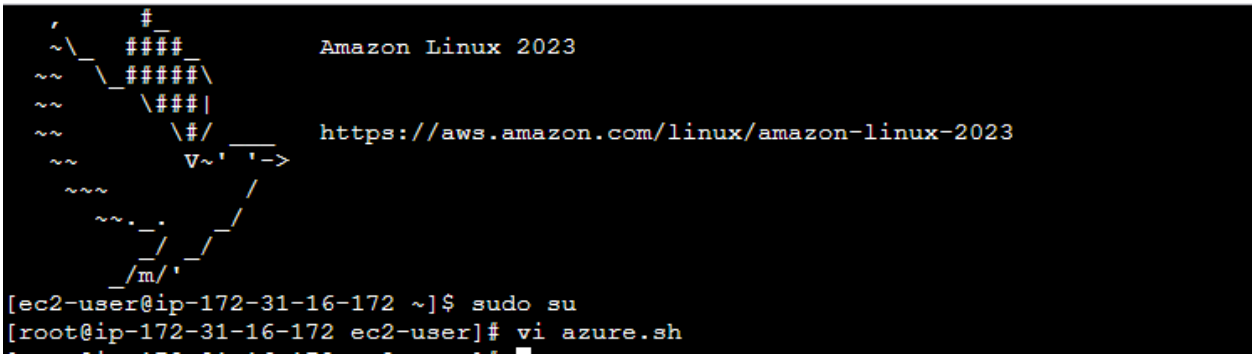
Name		Value	
Datacenter	:		
City	:		
StateOrDistrict	:		
CountryOrRegion	:		

Keep this as default

Add a server with Azure Arc ...

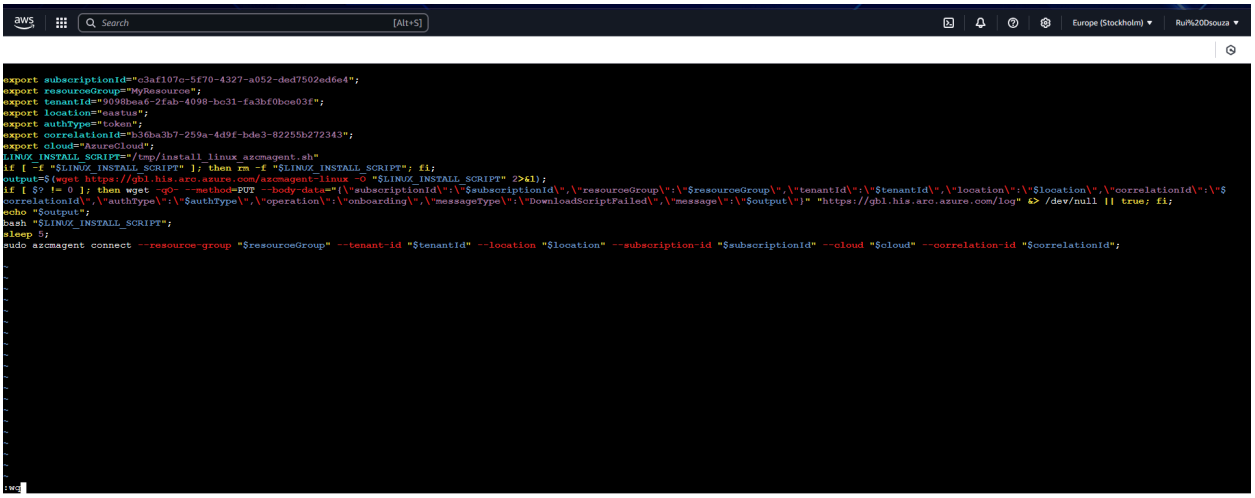
```
export subscriptionId="c3af107c-5f70-4327-a052-ded7502ed6e4";
export resourceGroup="MyResource";
export tenantId="9098bea6-2fab-4098-bc31-fa3bf0bce03f";
export location="eastus";
export authType="token";
export correlationId="b36ba3b7-259a-4d9f-bde3-82255b272343";
export cloud="AzureCloud";

# Download the installation package
LINUX_INSTALL_SCRIPT="/tmp/install_linux_azcmagent.sh"
if [ -f "$LINUX_INSTALL_SCRIPT" ]; then rm -f "$LINUX_INSTALL_SCRIPT"; fi;
output=$(wget https://gbl.his.arc.azure.com/azcmagent-linux -O "$LINUX_INSTALL_SCRIPT" 2>&1);
if [ $? != 0 ]; then wget -qO- --method=PUT --body-data="{\"subscriptionId\":\"$subscriptionId\",\"resourceGr
echo "$output";

# Install the hybrid agent
bash "$LINUX_INSTALL_SCRIPT";
sleep 5;

# Run connect command
sudo azcmagent connect --resource-group "$resourceGroup" --tenant-id "$tenantId" --location "$location" --sub
```

Copy this code → go to aws Linux console

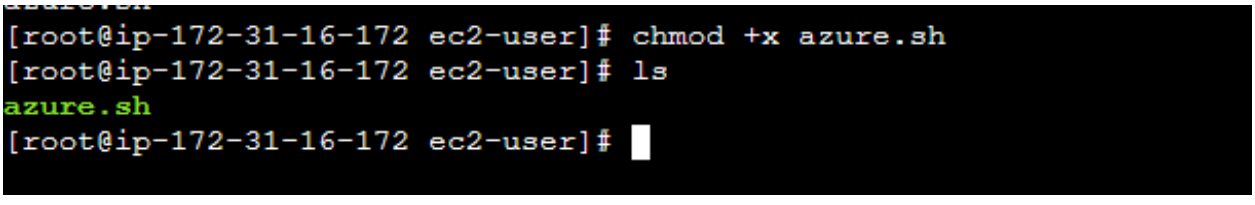


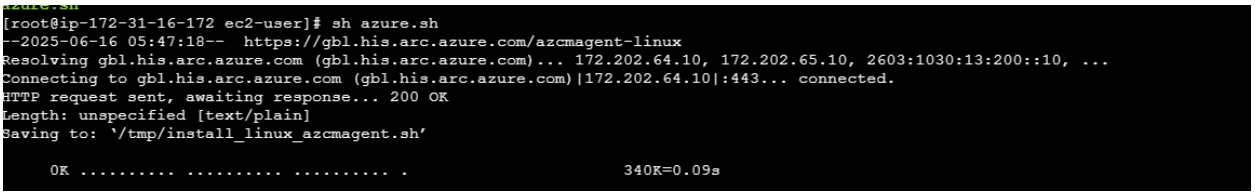
Type this

```
vi azure.sh
```



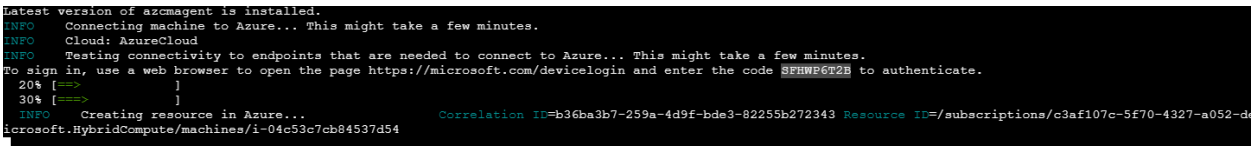
Paste the code here and save it



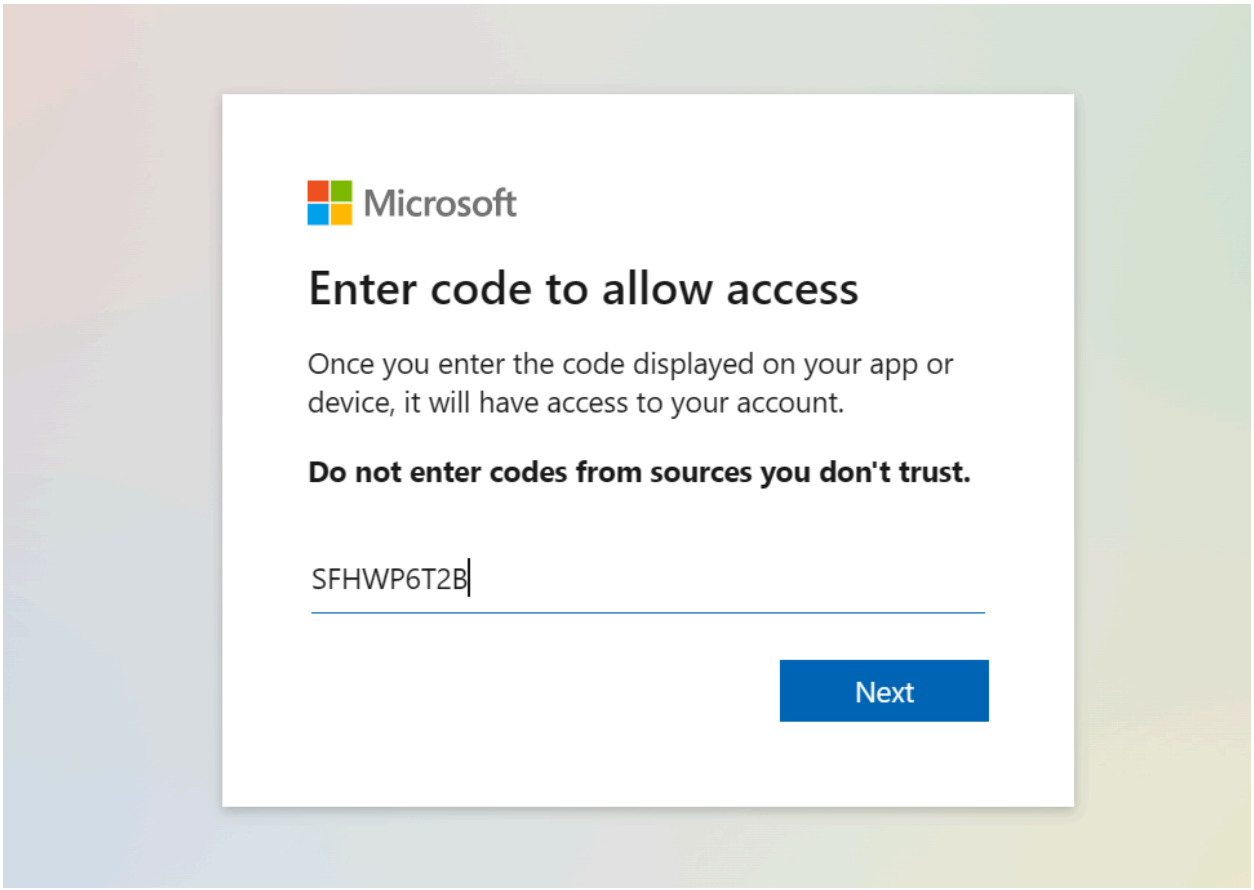


Execute this commands

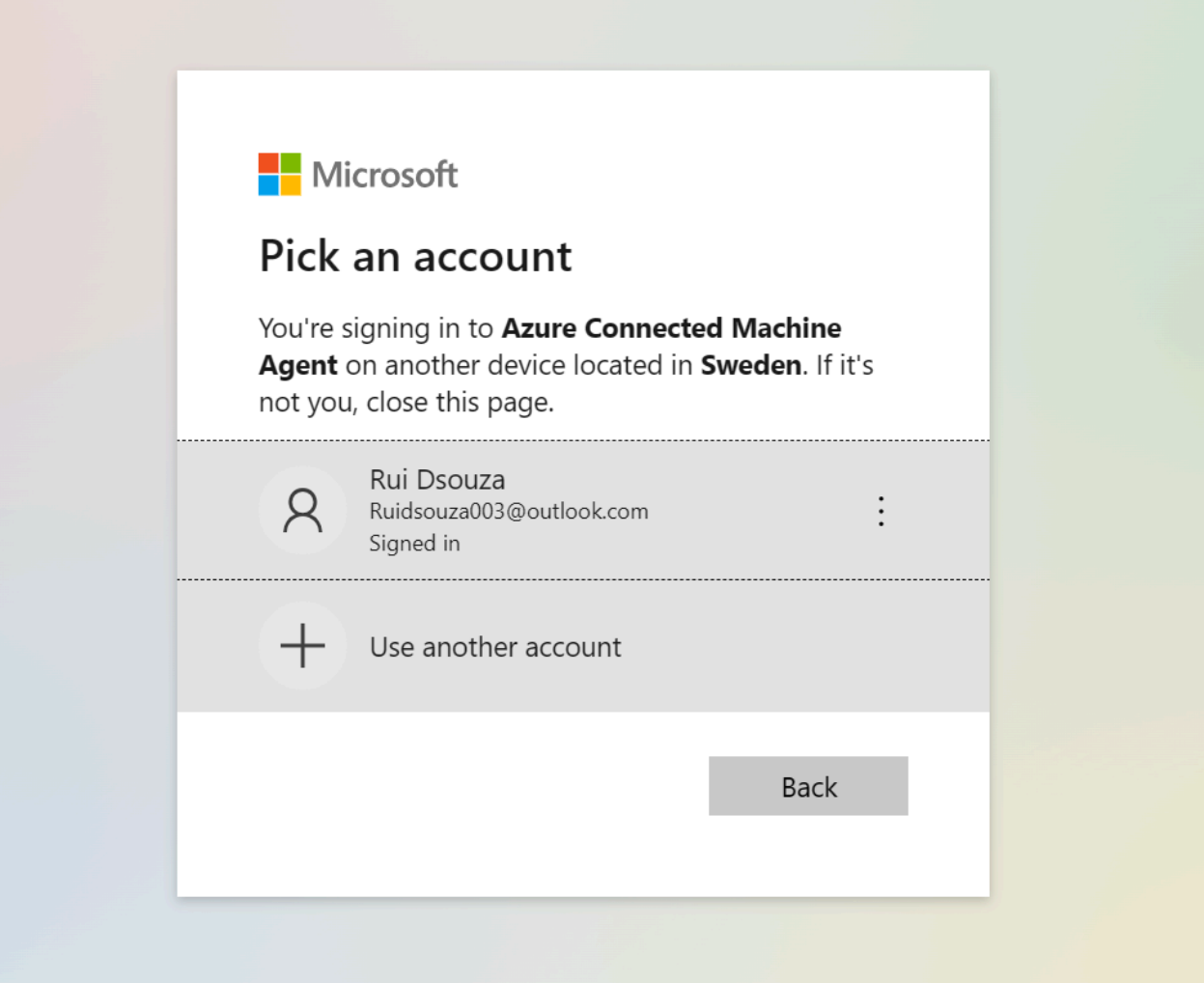
```
chmod +x azure.sh
ls
sh azure.sh
```



Copy the https browser link and past it in the browser tab (Note : don’t use shortcut to copy the link and code use mouse)



Paste the code given



Sign in to you azure account

Here azure Machine is connected

Add a server with Azure Arc ...

```
export subscriptionId="c3af107c-5f70-4327-a052-ded7502ed6e4";
export resourceGroup="MyResource";
export tenantId="9098bea6-2fab-4098-bc31-fa3bf0bce03f";
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sudo azcmagent connect --resource-group "$resourceGroup" --tenant-id "$tenantId" --location "$location" --sub
```
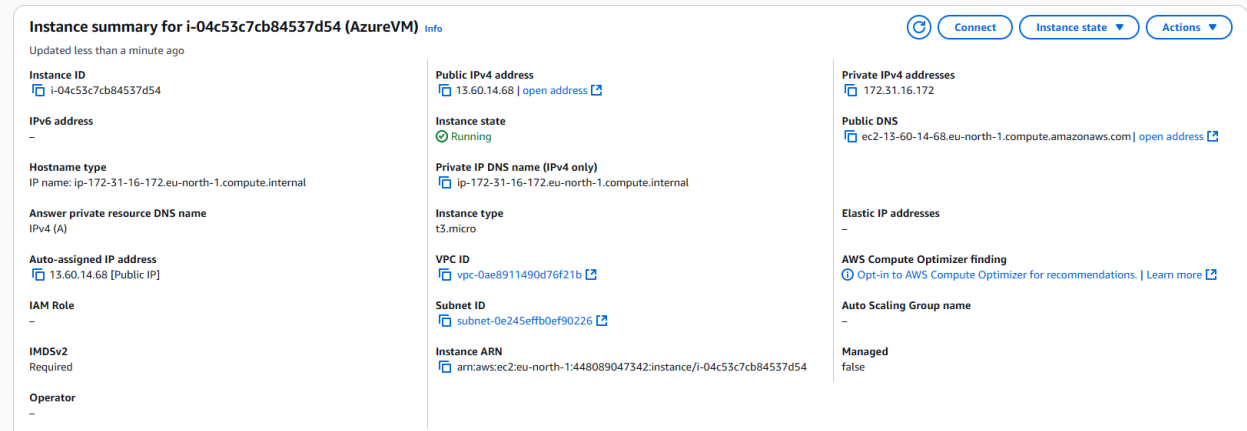

Previous | Next | Close

Close this → Go to home → Resource Group → click MyResource (Or what group you created)



See the computer name will be having the same IP address in azure and Private IPv4 address in AWS

This is how to connect two cloud providers