

## Create Load Balancer via Azure cli

- **Create a Resource group:**

```
az group create --location centralindia --name myrg
```

- **Now create Virtual network with 2 subnets:**

```
az network vnet create --name vnet01 --resource-group myrg --address-prefixes 10.0.0.0/16 --subnet-name sub01 --subnet-prefixes 10.0.10.0/24
```

- **Create New Subnet:**

```
az network vnet subnet create --resource-group myrg --vnet-name vnet01 --name sub02 --address-prefixes 10.0.11.0/24
```

- **Create VM:**

**create 1<sup>st</sup> vm: -**

```
az vm create --resource-group myrg --name vm01 --image Win2022AzureEditionCore --location centralindia --admin-username admin077 --admin-password Ayushmaan@77 --size Standard_D2s_v3 --vnet-name vnet01 --subnet sub01 --subnet-address-prefix 10.0.10.0/24
```

**create 2<sup>nd</sup> vm: -**

```
az vm create --resource-group myrg --name vm02 --image Win2022Datacenter --location centralindia --admin-username admin077 --admin-password Ayushmaan@77 --size Standard_D2s_v3 --vnet-name vnet01 --subnet sub02 --subnet-address-prefix 10.0.11.0/24
```

- **Create Load Balancer: -**

```
az network lb create --resource-group myrg --name lb01 --sku Standard --public-ip-address lb-pip --frontend-ip-name frontip --backend-pool-name backendpool
```

**create health Probe: -**

```
az network lb probe create --resource-group myrg --name myHealth --protocol Tcp --port 80 --lb-name lb01
```

**network rule: -**

```
az network lb rule create --resource-group myrg --lb-name lb01 --name rule01 --protocol Tcp --frontend-ip-name frontip --frontend-port 80 --backend-pool-name backendpool --backend-port 80 --probe myHealth
```

**add machines: -**

**vm01:** - az network nic ip-config address-pool add --resource-group myrg --lb-name lb01 --nic-name vm01VMNic --ip-config-name ipconfigvm01 --address-pool backendpool

**vm02:** - az network nic ip-config address-pool add --resource-group myrg --lb-name lb01 --nic-name vm02VMNic --ip-config-name ipconfigvm02 --address-pool backendpool

Now After Configure all things: - Ip address of lb is : 74.225.129.34

Through which I get these responses

