LOAD BALANCER PLACEMENT

Attari Classes
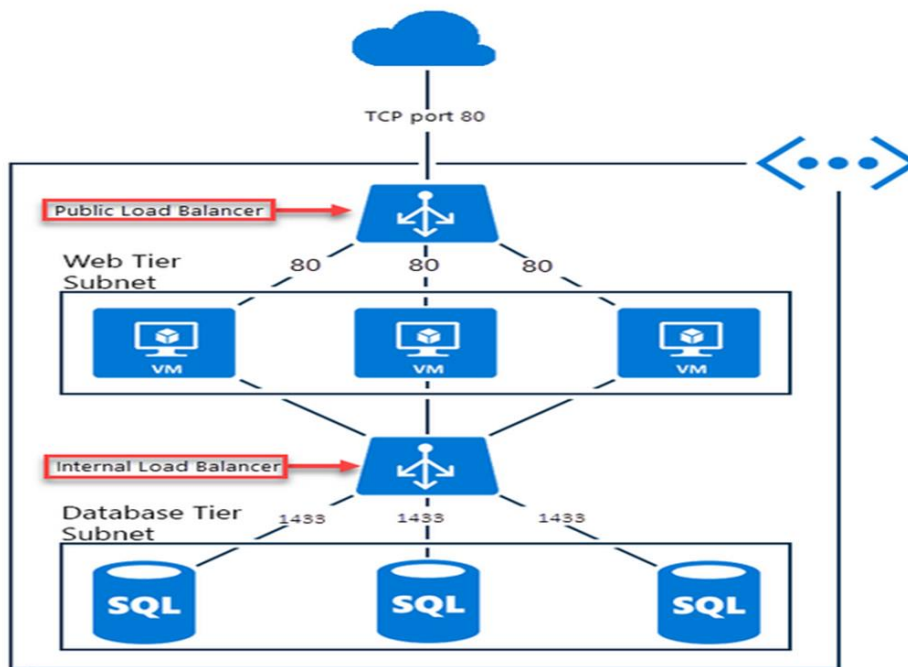
LOAD BALANCER

- Is Used to Load balance incoming traffic among healthy VM

- Is Used to achieve High Availability

- The LB and VM must be in same Region

- The LB can load balance traffic among VM in same VNET only

Public LB:-

- Load Balance traffic coming from internet to your Azure VM
- The frontend IP is a Public IP

Internal LB:-

- Load Balance Traffic coming from Azure VM to your Azure VM
- The frontend IP is a Private IP

Basic LB(Free):-

- Can be used with only those VM which have Basic Public IP
- Cannot be used with VM if they are created in Availability Zone
- Basic LB cannot be created after 31 March 2025.
- NO SLA

Standard LB(Chargeable):-

- Can be used with only those VM which have Standard Public IP
- Can be used with VM if they are created in Availability Zone
- SLA is 99.99%

Attari Classes

Backend Pool:-

* The backend Pool consist of VM
* You can add or remove VM

Health probe:-

* It is used to determine the health of VM in the backend pool

* It can be created for TCP/HTTP/HTTPS Port

* If the VM is not responding on that port for a specified period , then it is removed from Load balancing

Attari Classes

Load Balancing Rule:-

- It combines the frontend IP, backend pool and heath Probe

- You can define session persistence here

GLOBAL DNS

A → Point Name to IP

END