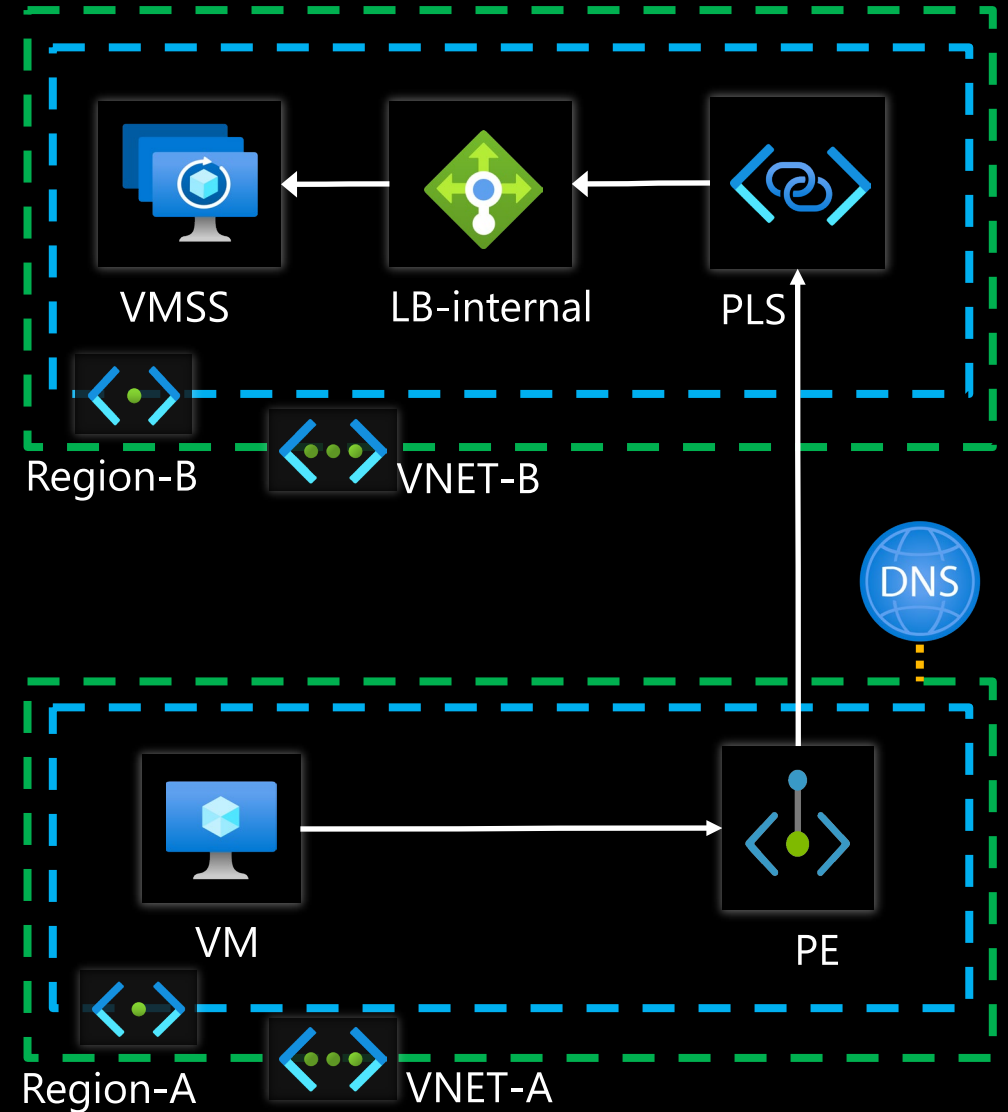Private Link Service
PLS

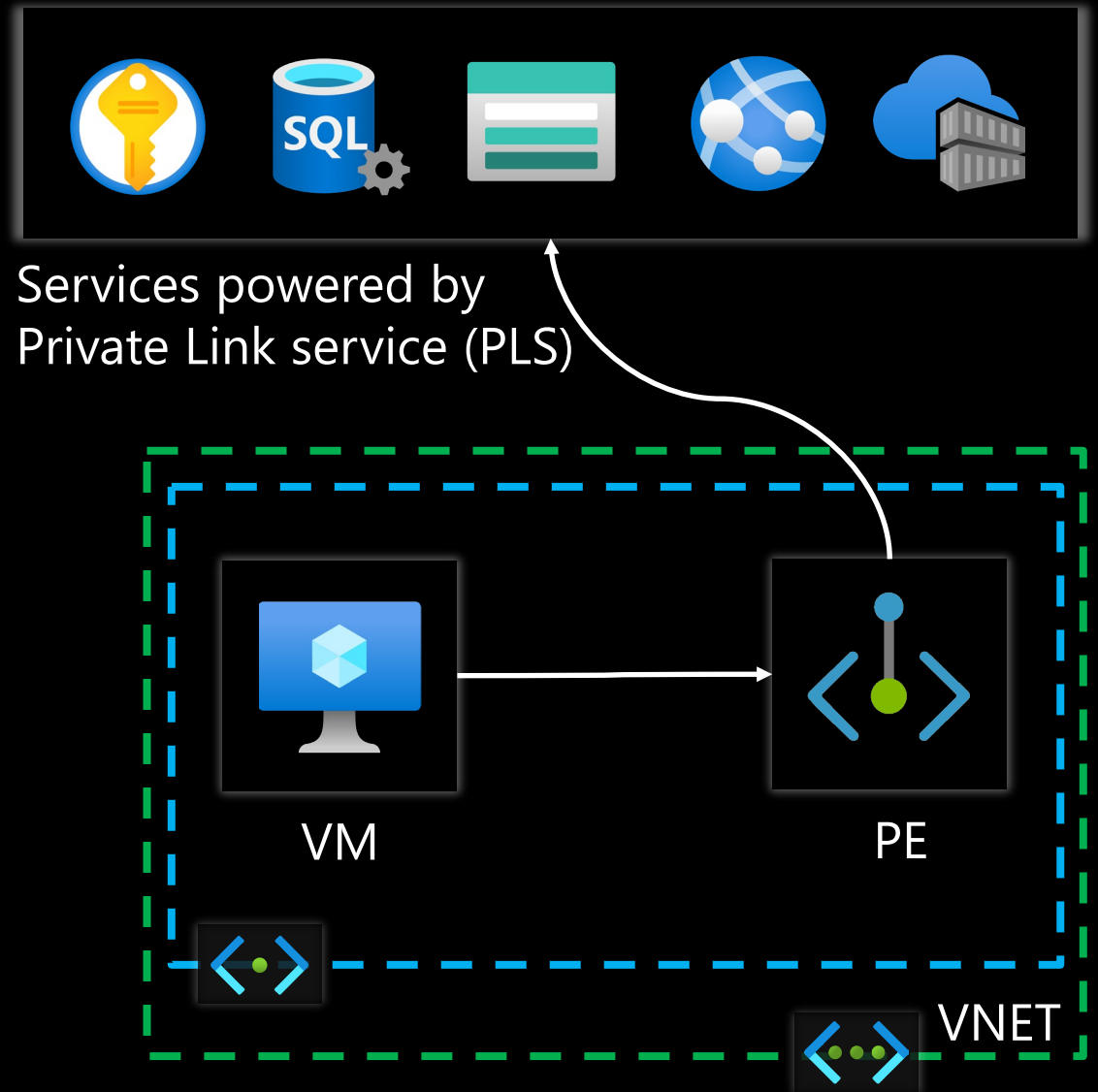# Private Endpoint

With Private Endpoint, you can disable public endpoint of PaaS services and expose it only to the virtual network.

Public Endpoint supports multiple PaaS services like SQL Database, ACR, Storage, KV, etc.

Private Endpoint is powered by Private Link Service (PLS).

Services powered by
Private Link service (PLS)

VM

PE

VNET

Private Link Service

Access Azure PaaS Services and customer services over a private endpoint in your VNET.

Create your own private link service in your virtual network and deliver it to your customers.

Your service will run behind Standard Load Balancer.

With Private Link access, consumers can access to your service privately from their own VNets.
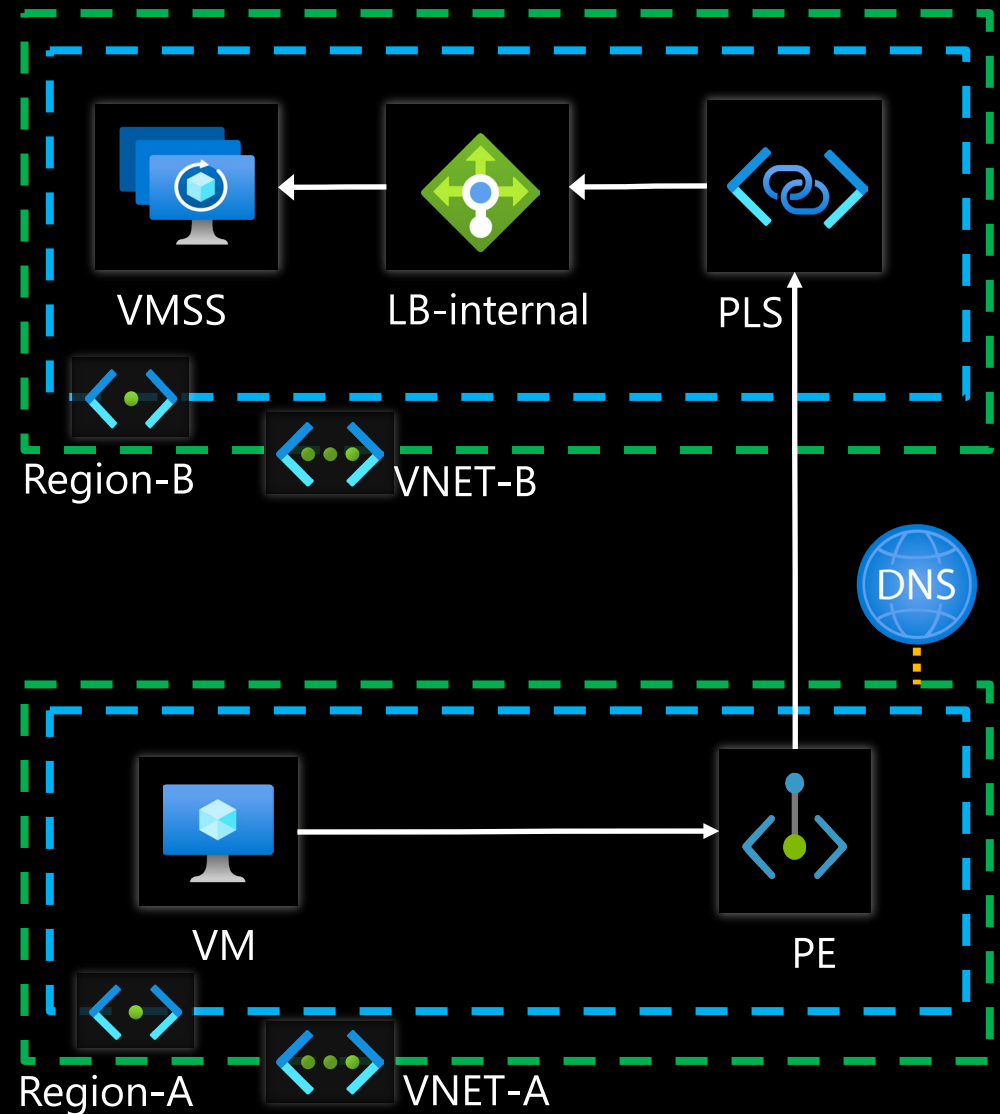
Private Link Service

Can be accessed from approved private endpoints in any public region.

The private endpoint can be reached from the same or peered virtual networks, and on premises using VPN or ExpressRoute.

Must be deployed in the same region as the VNET and the Standard Load Balancer.

Can be accessed from multiple Private Endpoints belonging to different VNETs, subscriptions and/or Entra ID tenants.

VMSS   LB-internal   PLS

Region-B   VNET-B

DNS

VM   PE

Region-A   VNET-A
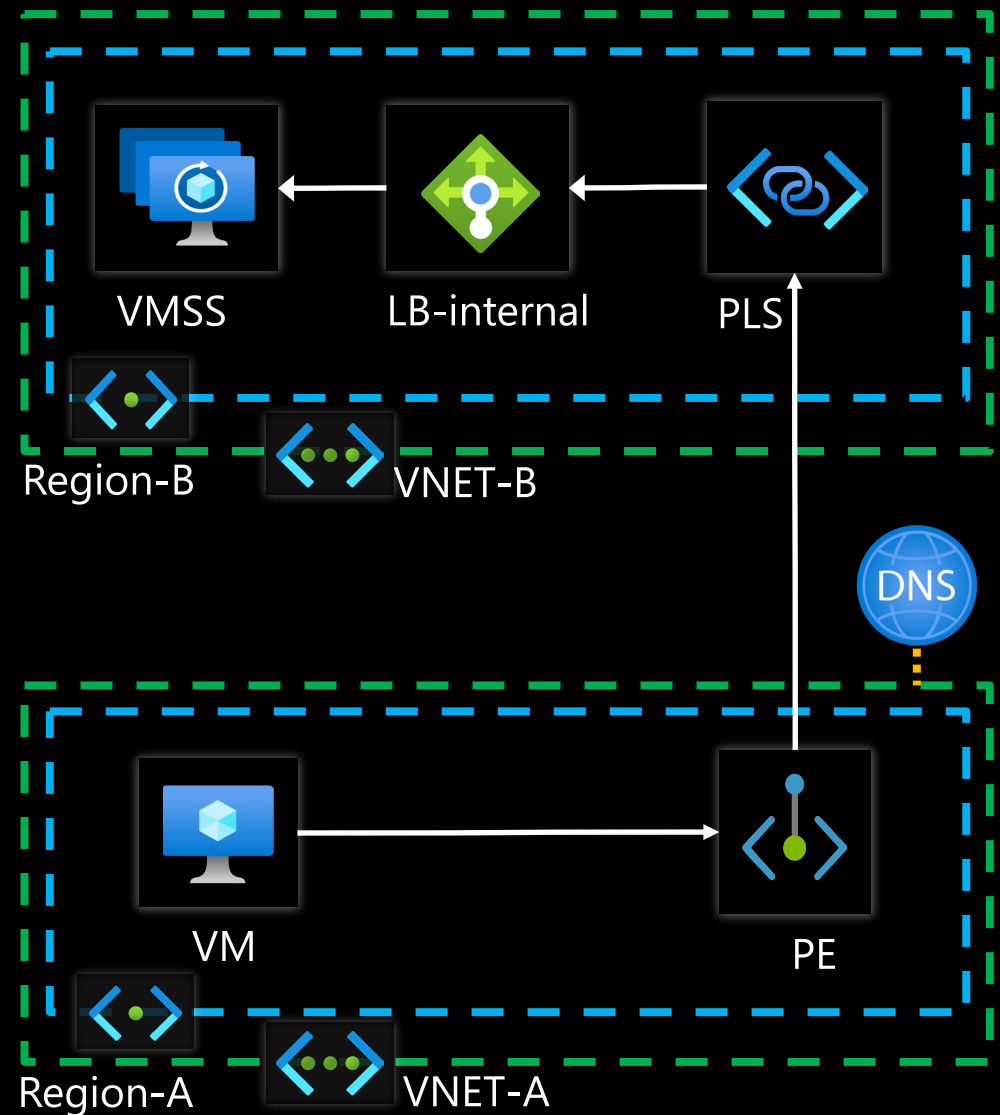
Private Link Service pricing

Private Link Service	No charge for private link service
Private Endpoint	**$0.01** per hour **($72 per month)**
Inbound Data Processed	0-1 PB - **$0.01** per GB 1-5 PB - **$0.006** per GB 5+ PB - **$0.004** per GB
Outbound Data Processed	0-1 PB - **$0.01** per GB 1-5 PB - **$0.006** per GB 5+ PB - **$0.004** per GB

azure.microsoft.com/en-us/pricing/details/private-link

Private Link Service

Private Link Center | Private link services

- Overview
- Pending connections
- Private endpoints
- **Private link services**
- Azure Arc private link scopes
- Azure Monitor private link scopes

Search

+ Create   ⚙ Manage view ⌄   ⟳ Refresh

Filter for any field...   Subscription eq

Showing 1 to 1 of 1 records.

☐ Name ↑↓	Connections ↑↓
☐ ⟨◎⟩ pls-privatelink	1

VMSS   LB-internal   PLS
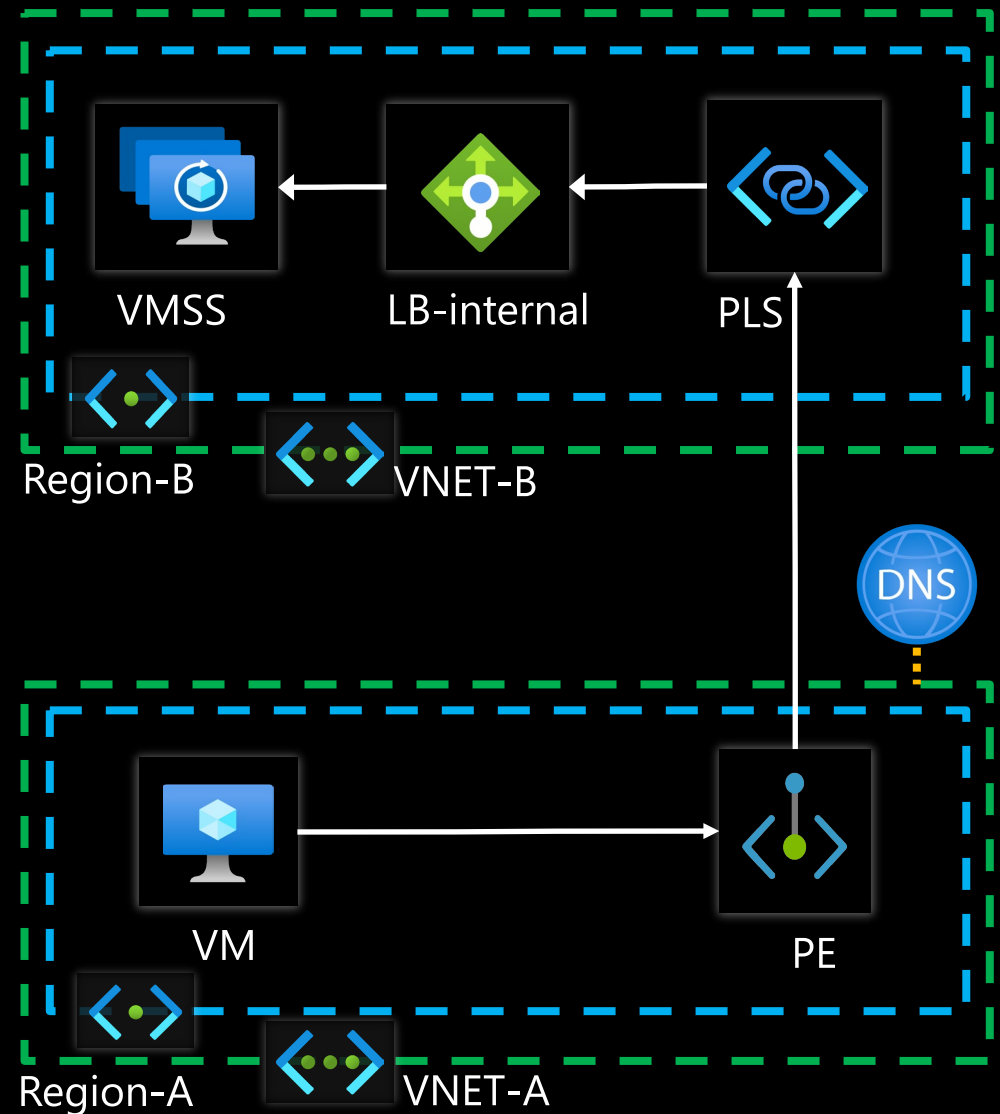
Region-B   VNET-B

DNS

VM   PE

Region-A   VNET-A
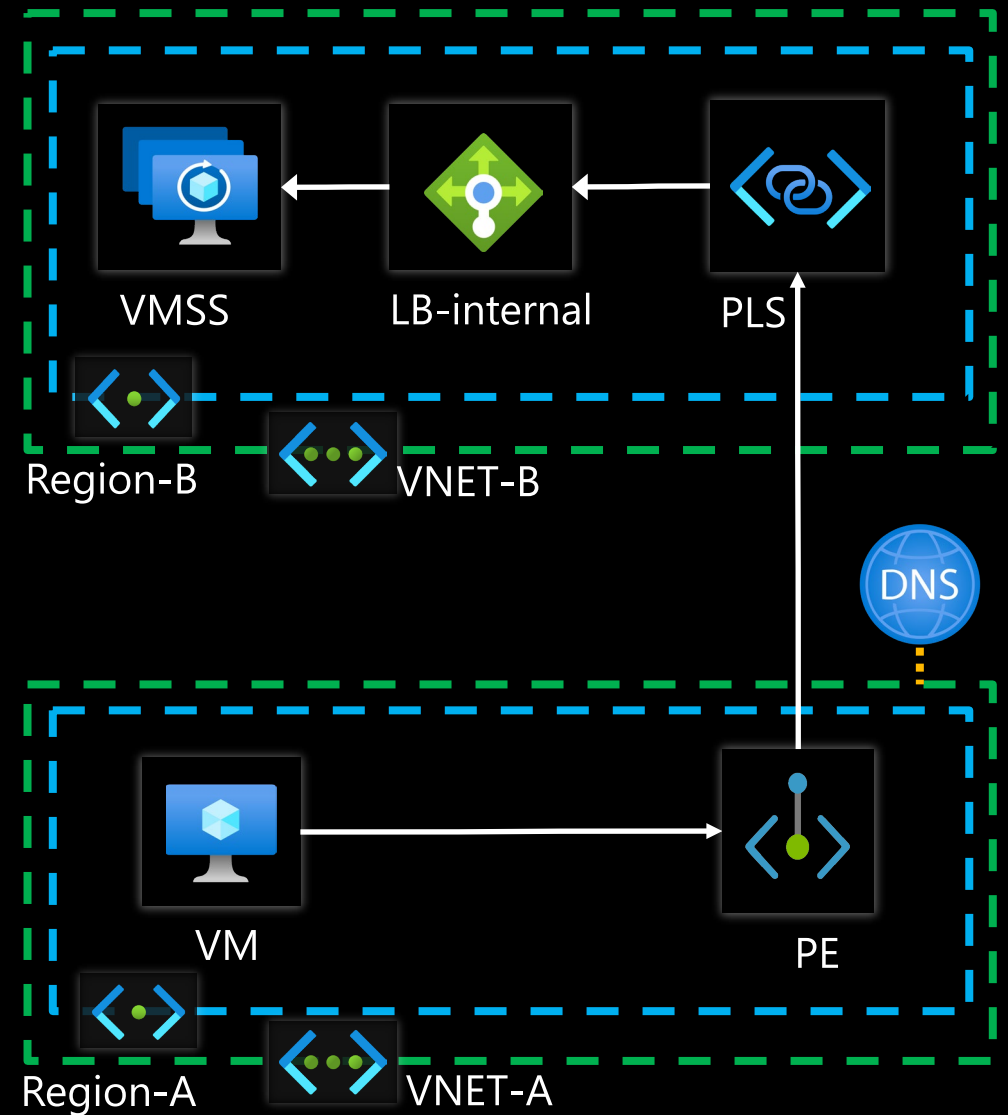
Private Link Service

The provider scenario
1- Create VNET in West Europe
2- Create VMSS with Nginx app
3- Create internal Load Balancer
4- Create PLS

The consumer scenario
5- Create VNET in North Europe
6- Create PE
7- Create Private DNS Zone & A record
8- Create Linux VM & enable Bastion
9- Test the app

Private Link Service

Name ↑↓		Type ↑↓
☐	lb-internal	Load balancer
☐	pls-privatelink	Private link service
☐	pls-privatelink.nic.c1...	Network Interface
☐	vmss-app	Virtual machine scale set
☐	vnet-customer	Virtual network

Name ↑↓		Type ↑↓
☐	bastion	Bastion
☐	internal.corp	Private DNS zone
☐	nic-vm	Network Interface
☐	pe-app	Private endpoint
☐	pe-app.nic.b2ec04...	Network Interface
☐	pip-bastion	Public IP address
☐	vm-linux	Virtual machine
☐	vm-linux_OsDisk_...	Disk
☐	vnet-consumer	Virtual network

Private Link Service