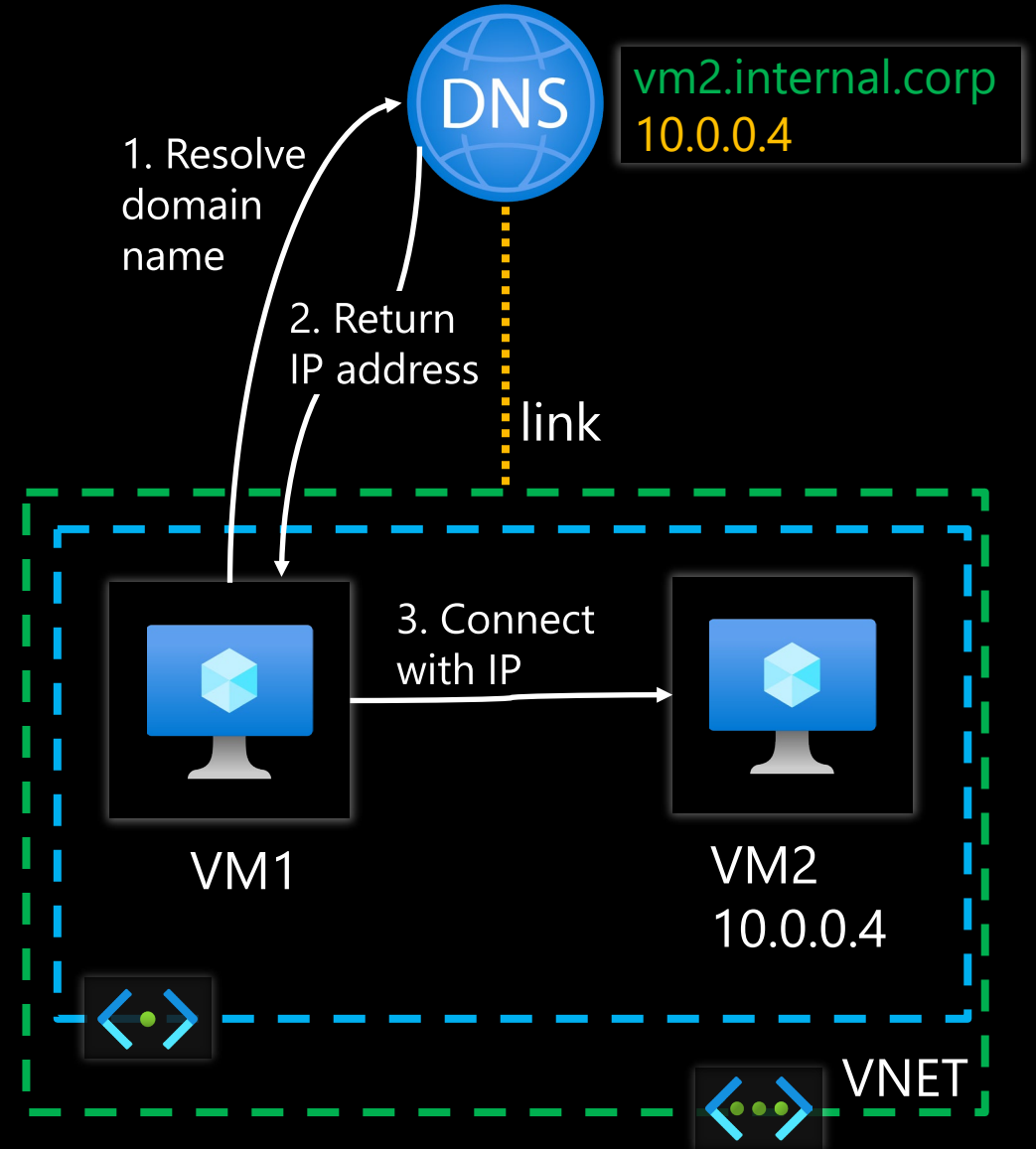


Azure Private DNS Zone

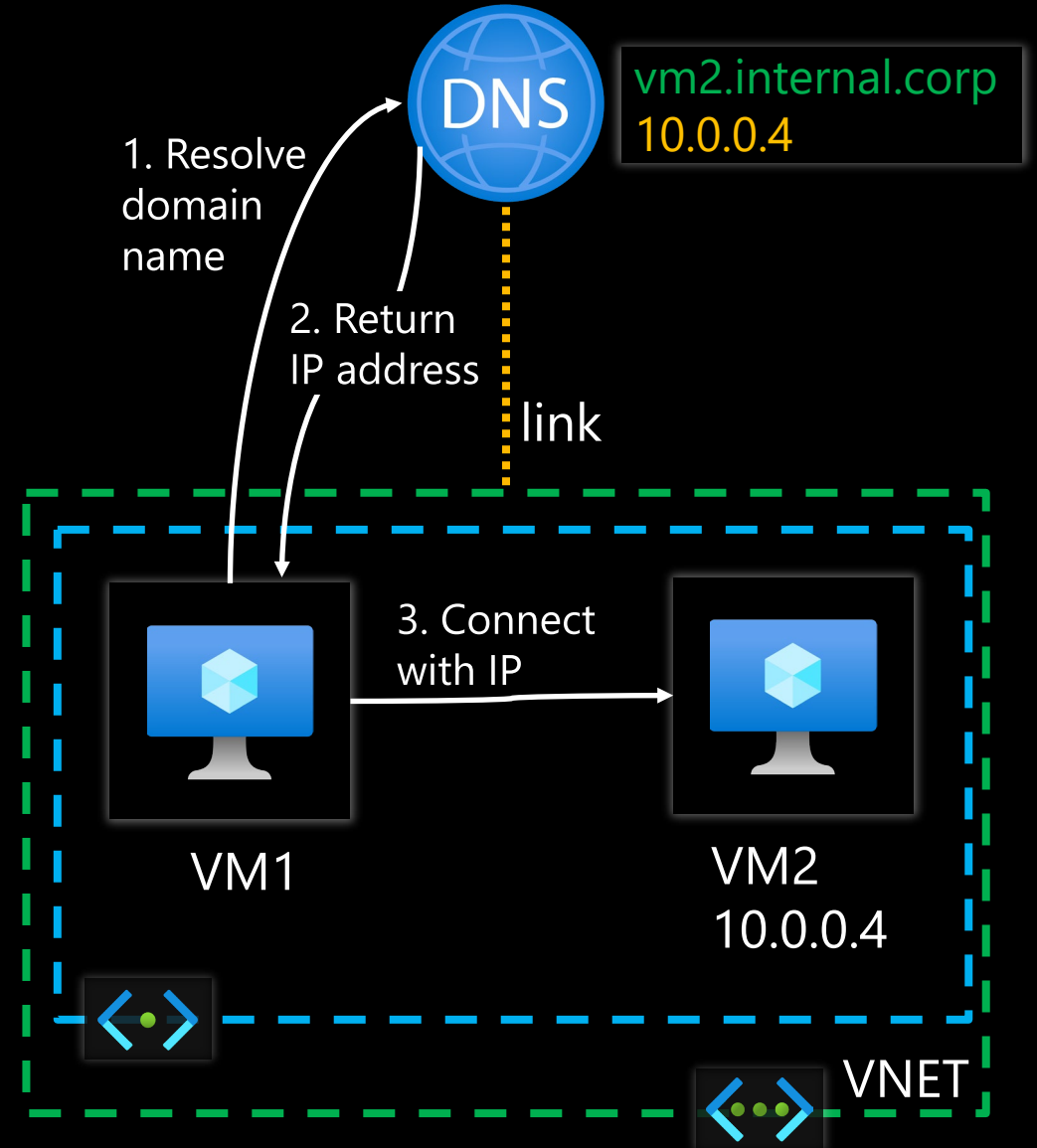


Private DNS Zone

DNS service to **manage and resolve domain names** in a virtual network.

DNS zone is **not resolvable from the Internet**. Works only from linked virtual networks.

Could be **linked to one or more virtual networks** by creating virtual network links.




Azure Private DNS Zone



The following list of reserved zone names are blocked from creation to prevent disruption of services


Public	Azure Government	Microsoft Azure operated by 21Vianet
azclient.ms	azclient.us	azclient.cn
azure.com	azure.us	azure.cn
cloudapp.net	usgovcloudapp.net	chinacloudapp.cn
core.windows.net	core.usgovcloudapi.net	core.chinacloudapi.cn
microsoft.com	microsoft.us	microsoft.cn
msidentity.com	msidentity.us	msidentity.cn
trafficmanager.net	usgovtrafficmanager.net	trafficmanager.cn
windows.net	usgovcloudapi.net	chinacloudapi.cn

Azure Private DNS Zone records


 **internal.corp**


Private DNS zone



  ...


 Search


<<


 Record set


 Move


  Delete zone


 Refresh

 Overview


 Activity log


 Access control (IAM)

 Tags

 Diagnose and solve problems

Settings

 Virtual network links

 Properties

Name	Type	TTL	Value	Auto registered
@	SOA	3600	Email: azureprivatedns-host.microsoft.com Host: azureprivatedns.net Refresh: 3600 Retry: 300 Expire: 2419200 Minimum TTL: 10 Serial number: 1	False
app1	A	300	10.0.0.100	False
app2	CNAME	300	mycompany.com	False

Creating Private DNS Zone records

app1

internal.corp

Save

Discard

Delete

Access Control (IAM)

Metadata

Name

app1.internal.corp.

Type

A

TTL *

5

TTL unit

Minutes

IP address

10.0.0.100

0.0.0.0

Add record set

internal.corp

Name

app3

.internal.corp

Type

A – Address record

A – Address record

AAAA – Address record

CNAME – Link your subdomain to another record

MX – Mail eXchange records

PTR – Pointer record type

SRV – Service records

TXT – Text record type

OK

Resolving Private DNS Zone records

Personal

vm-linux

vm-linux

https://bst-d585fd09-0cc7-4ae4-91c4-47aa2bbd8375.bastion.azure.com/#/client/dm0tbGludXgAYwBiaWZyb3N0?trustedAuthorit...

azureuser@vm-linux:~\$ nslookup app1.internal.corp.
Server: 127.0.0.53
Address: 127.0.0.53#53

Non-authoritative answer:
Name: app1.internal.corp
Address: 10.0.0.100

internal.corp

Private DNS zone

Search

+ Record set → Move ▾ 🗑 Delete zone ↻ Refresh

Overview
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Name	Type	TTL	Value	Auto registered
@	SOA	3600	Email: azureprivatedns-host.microsoft.com Host: azureprivatedns.net Refresh: 3600 Retry: 300 Expire: 2419200 Minimum TTL: 10 Serial number: 1	False
app1	A	300	10.0.0.100	False
app2	CNAME	300	mycompany.com	False