

Azure ADF and Integration Runtime Big Picture

Private DNS Zones

privatelink.datafactory.azure.net

Private DNS zone | Directory: Microsoft

Search (Ctrl+/)

Record set | Move | Delete zone | Refresh

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

Virtual network links

Properties

Locks

Monitoring

Essentials

Resource group (change)

nn-rg-east

Subscription (change)

nnnetworklog

Subscription ID

3e9e483a-a196-47d3-9850-250e93cc34dc

Tags (change)

Click here to add tags

You can search for record sets that have been loaded on this page. If you don't see what you're looking for, you can try scrolling to allow more record sets to load.

Name	Type	TTL	Value	Auto registered
nnadf99.eastus	A	10	172.16.1.12	False

privatelink.blob.core.windows.net

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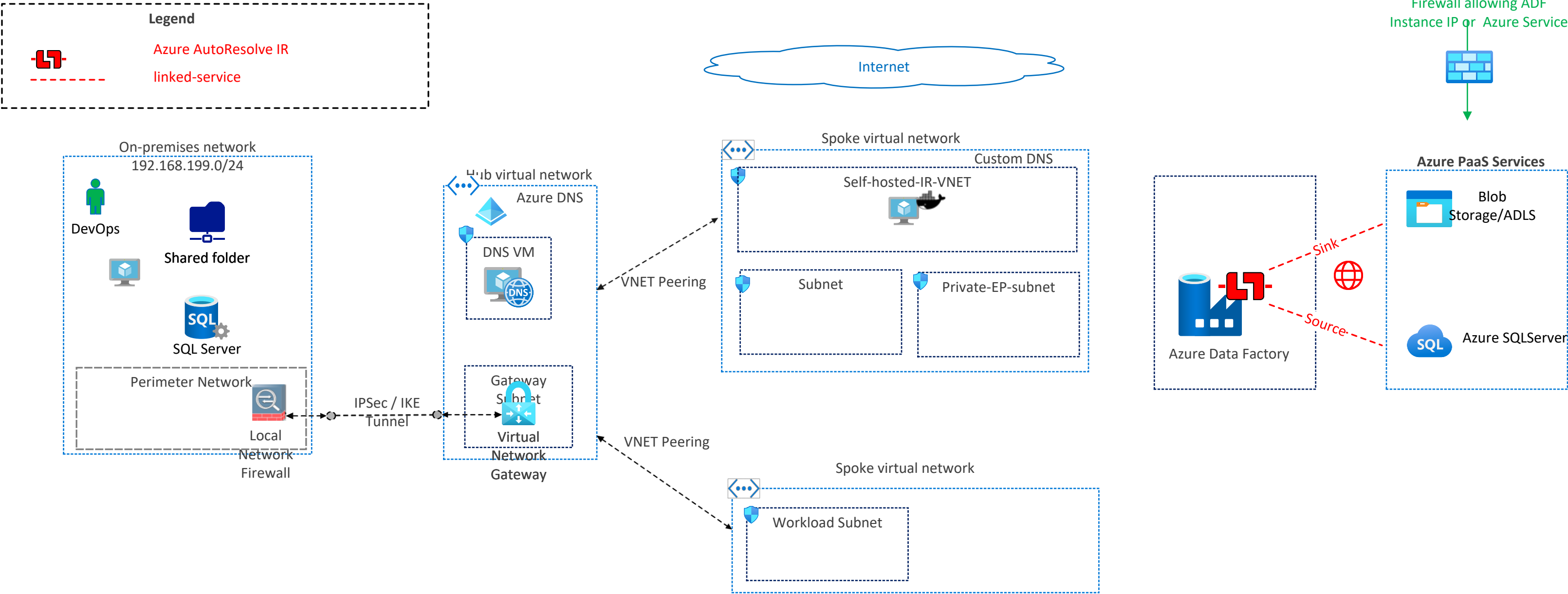
Tags (change)

Click here to add tags

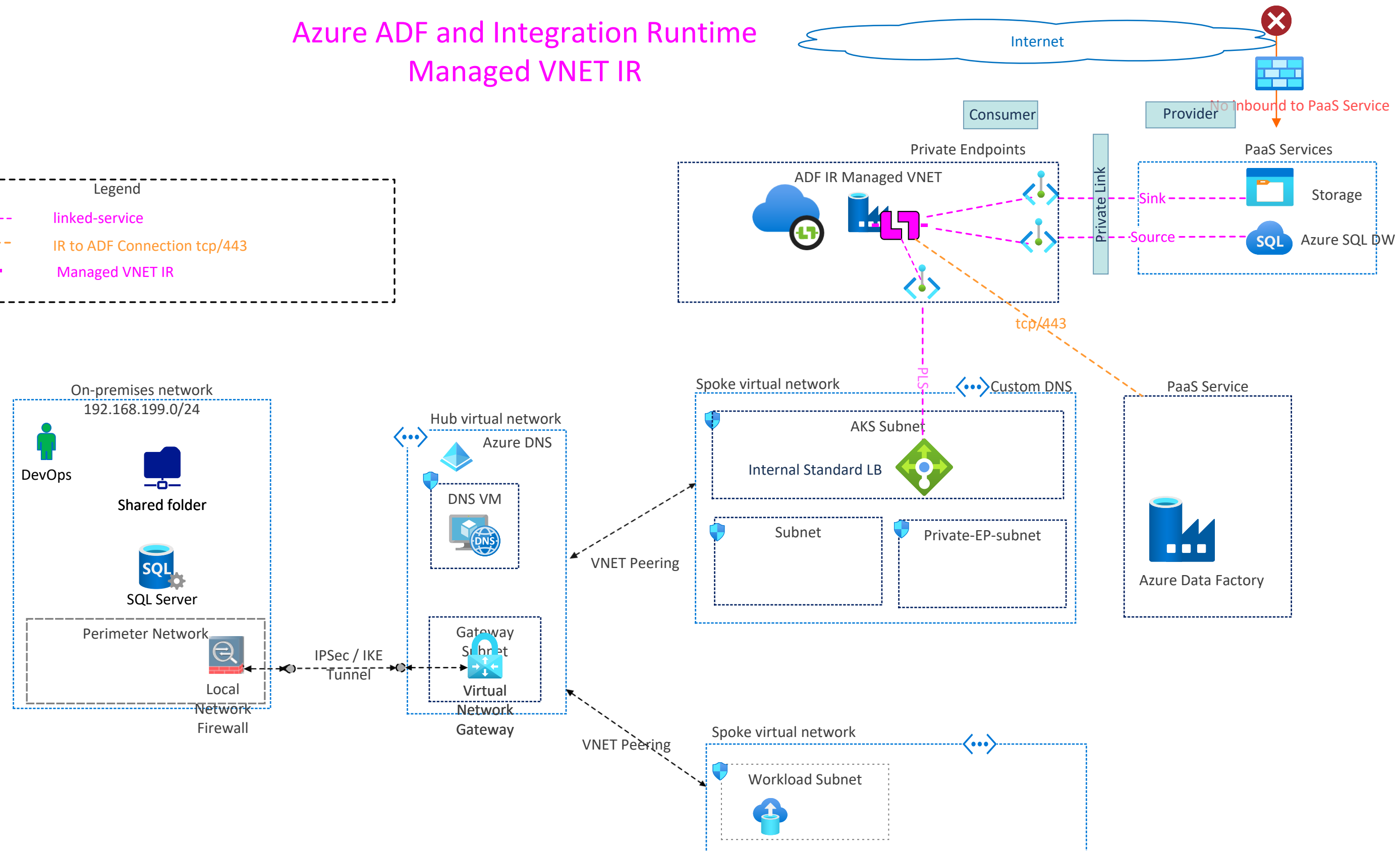
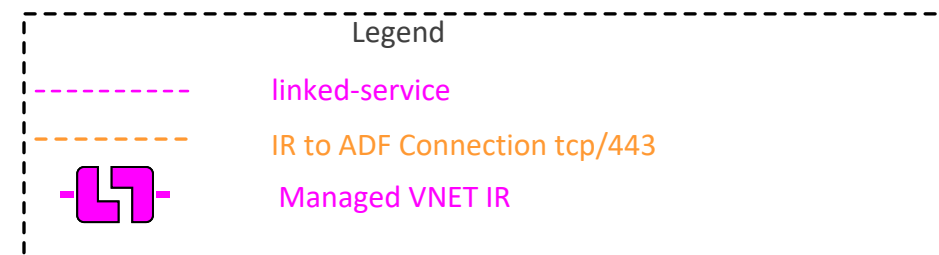
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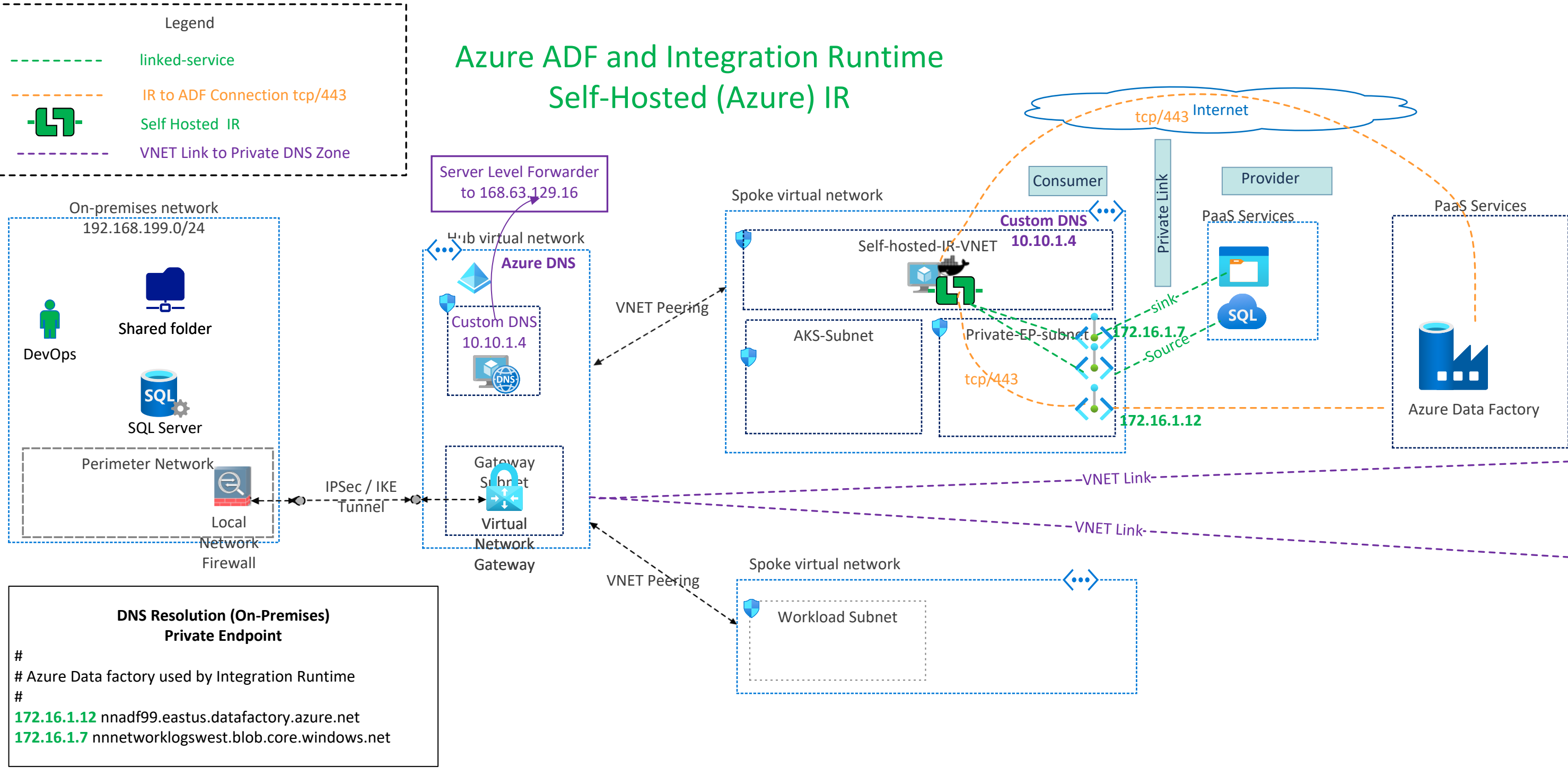
Name	Type	TTL	Value	Auto registered
nnnetworklogswest	A	10	172.16.1.7	False

Azure Integration Runtime
(AutoResolve IR)



Azure ADF and Integration Runtime Managed VNET IR





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Subscription (change)

nn-rg-east

Subscription ID

1e3e488a-e196-47d3-9850-297d92cc14dc

Tags (change)

Click here to add tags

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nnadf

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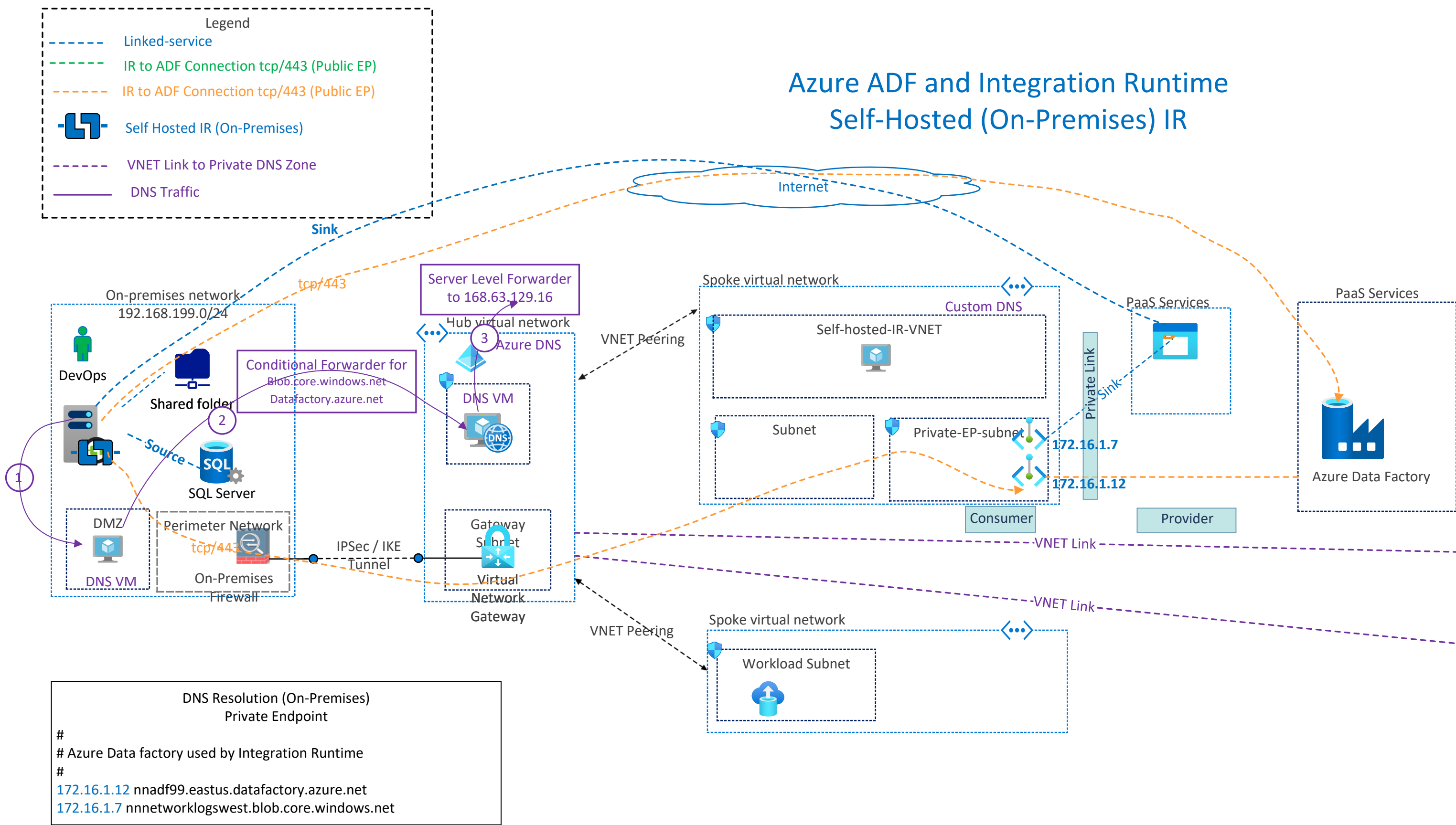
Tags (change)

Click here to add tags

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nnnetworklogswest

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Resource group (change) nn-rg-east

Subscription (change) netulneog

Subscription ID 3e9e48ba-a196-47d3-8850-297d83cc34dc

Tags (change) Click here to add tags

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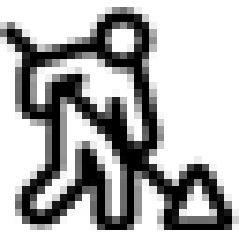
Subscription (change) netulneog

Subscription ID 3e9e48ba-a196-47d3-8850-297d83cc34dc

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Reference Architecture

SQL Server Migration to SQL Managed Instance

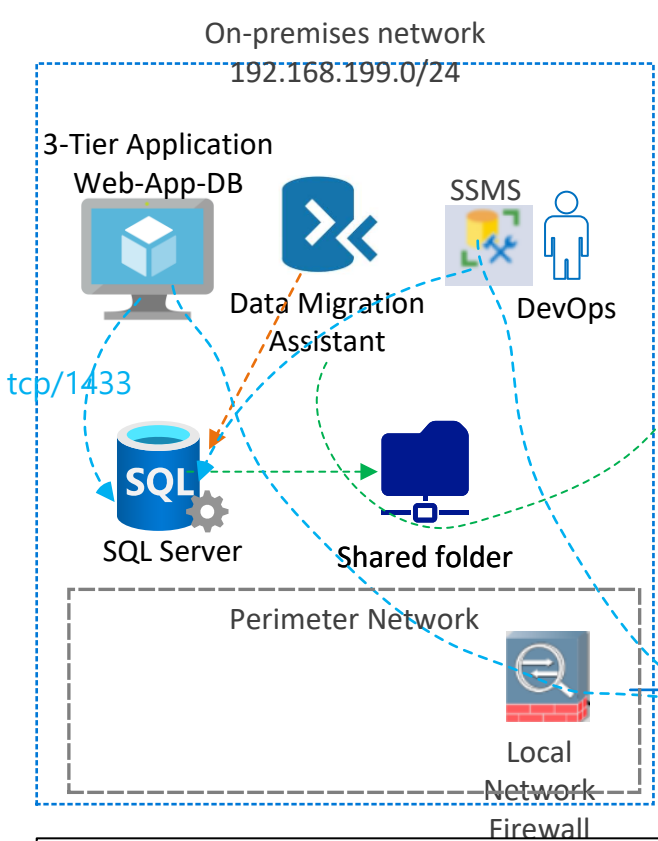
Legend

Online Migration

Connection String/SSMS (tcp/1433 or tcp/3342)

Assessment

Offline Migration



DNS

```
nslookup
nsqlmi.2bc8e260b368.database.windows.net
8.8.8.8
Server: dns.google
Address: 8.8.8.8

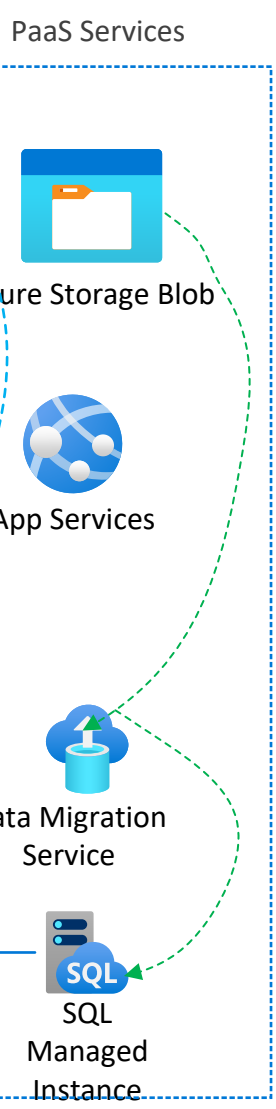
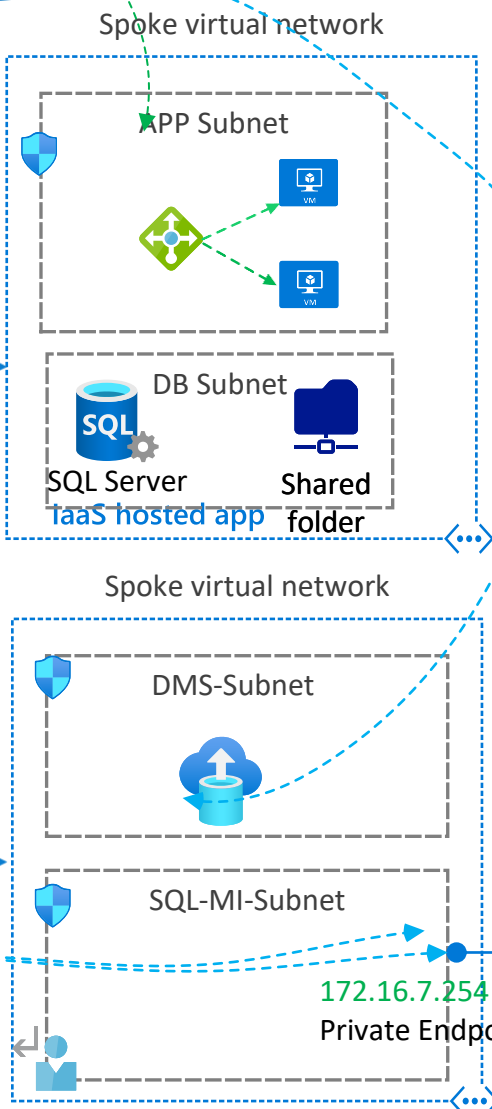
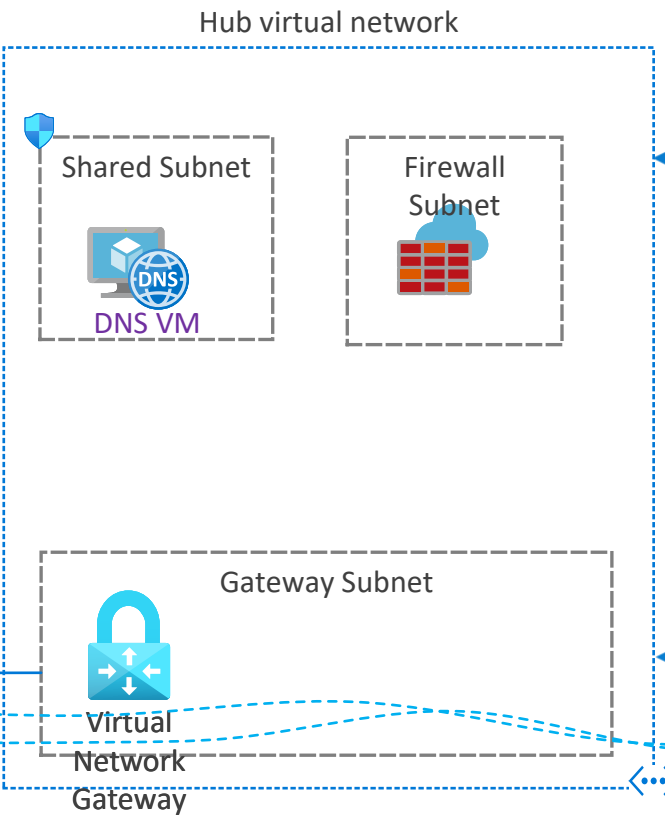
Non-authoritative answer:
Name:   tr18202.eastus1-a.worker.vnet.database.windows.net
Address: 172.16.7.254
Aliases:
nsqlmi.2bc8e260b368.database.windows.net
```



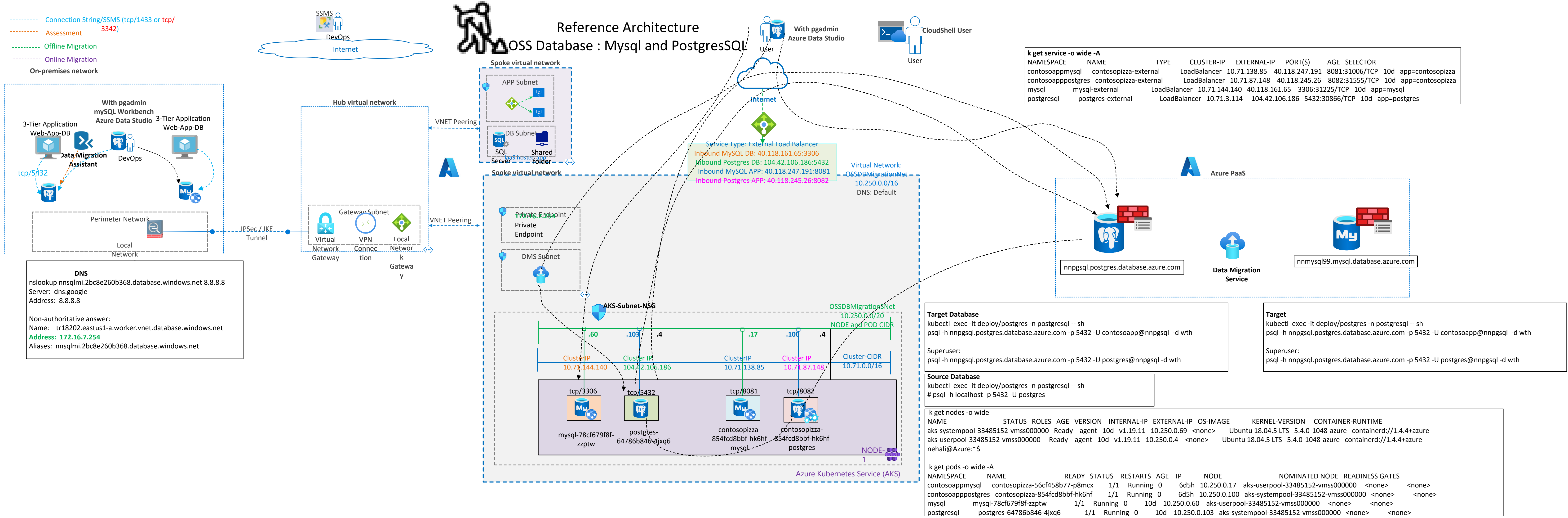
DevOps

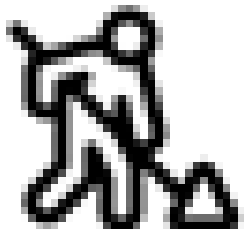


Internet



tcp/3342
No Public Access to SQL MI





Webapp VNET Integration Reference Architecture

Legend

VNET Link to Private DNS Zone (Registration)

VNET Links to Private DNS Zones (Resolution)

FE App Service to BE App Service Private EP (option 1)

VNET Integration, Outbound NAT

Private EP Cross Region (Option 2)

WAN Traffic

