

MVP Dagen

mvpdagen.no



Takk til våre sponsorer



Se alle våre eventpartnere på skjermen i vandrehallen
mvpdagen.no

Designing the Future of Cloud Networking: Secure, Scalable, and Streamlined with Azure

mvpdagen.no



Hey!

Jeg er Håvard

Jeg er her fordi jeg digger
MVP- Dagen

Du finner meg på hlokensgard.no



MVP
Dagen

Hey!

Jeg er Anders

Du finner meg rundt om kring, stort sett som @anderseide



Agenda

01

How to scale your
network with Azure
Virtual Network Manager

02

Demo

03

Increase your security
with Azure Front Door

04

Q&A



1

How to scale your network with Azure Virtual Network Manager

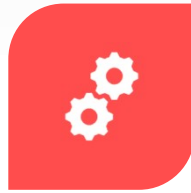
What is Azure Virtual Network Manager (AVNM)



MANAGEMENT
SERVICE



NETWORK
GROUP



CONFIGURE



DEPLOY



MANAGE



CONNECTIVITY



SECURITY
ADMIN RULES



UDR
MANAGEMENT

Capabilities

Break down of AVNM

Virtual Network

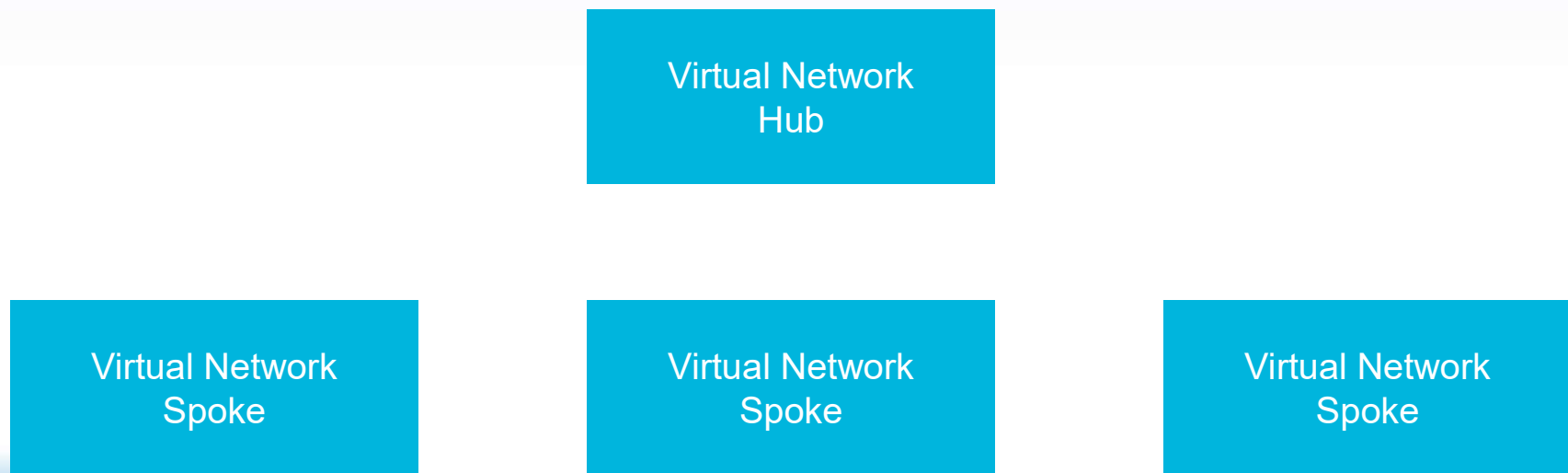
Break down of AVNM

Virtual Network

Virtual Network

Virtual Network

Break down of AVNM



Break down of AVNM

Azure Virtual Network Manager (scope)

Virtual Network
Hub

Virtual Network
Spoke

Virtual Network
Spoke

Virtual Network
Spoke

Break down of AVNM

Azure Virtual Network Manager (scope)

Virtual Network
Hub

Network Group

Virtual Network
Spoke

Virtual Network
Spoke

Virtual Network
Spoke

Break down of AVNM

Azure Virtual Network Manager (scope)

Virtual Network
Hub

Network Group

Virtual Network
Spoke

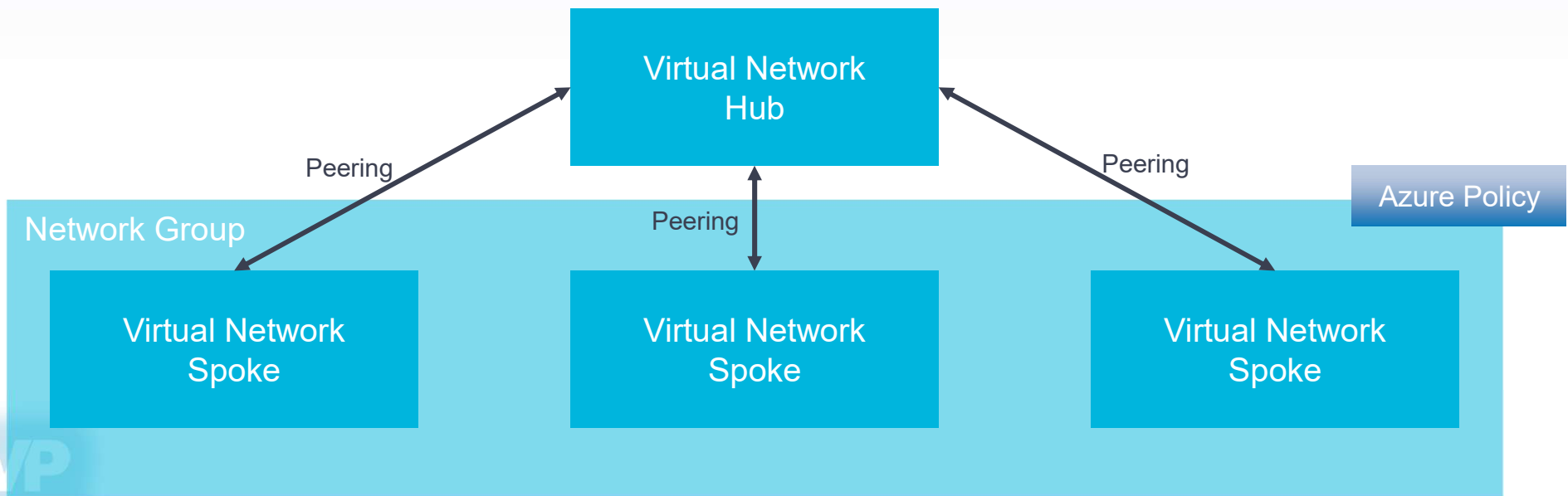
Virtual Network
Spoke

Virtual Network
Spoke

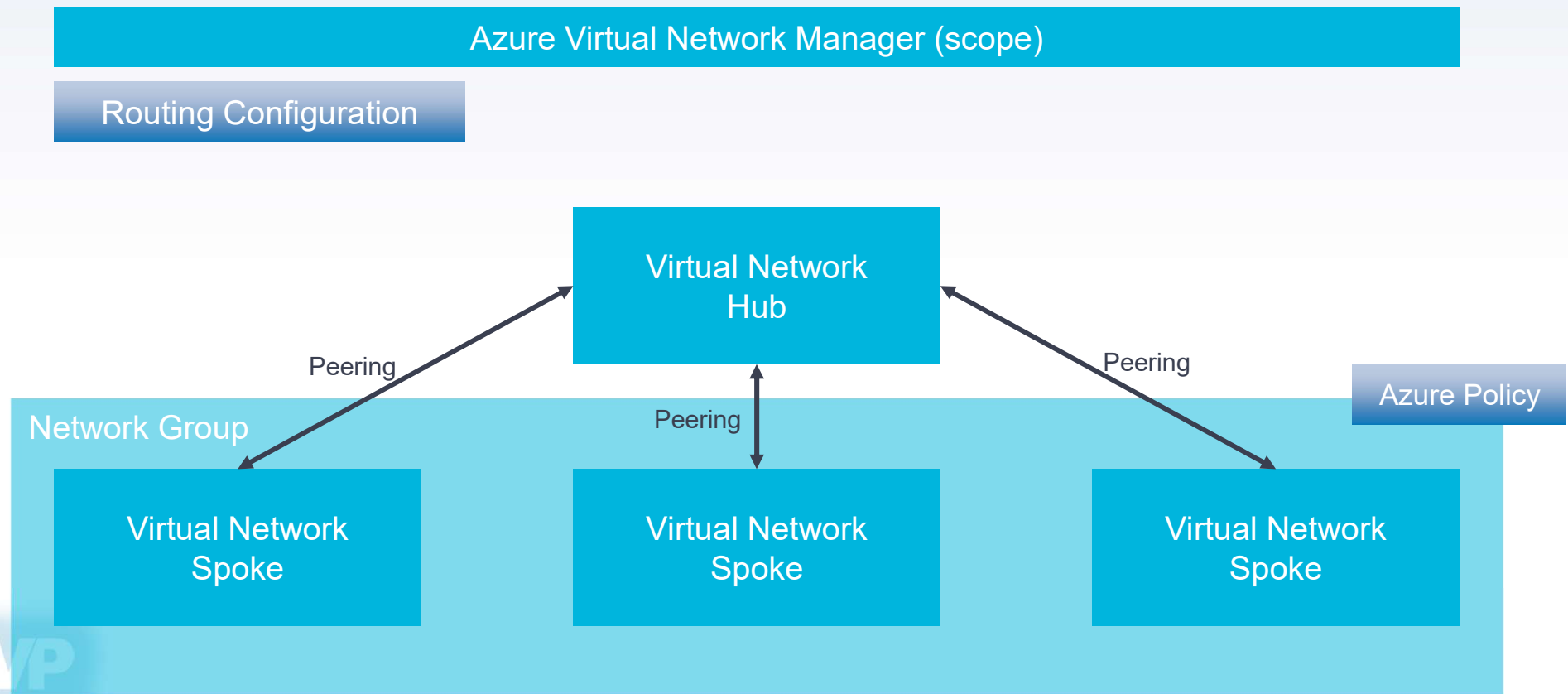
Azure Policy

Break down of AVNM - Connectivity

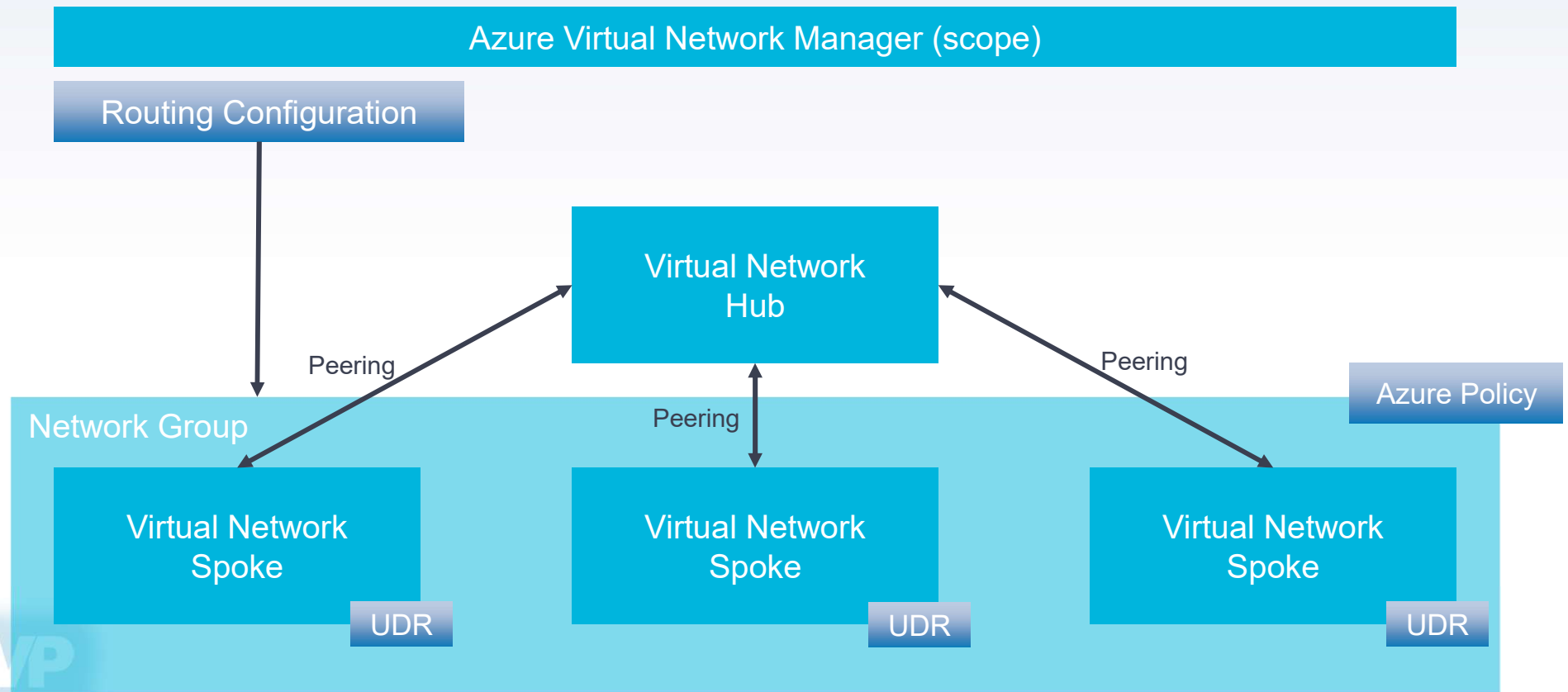
Azure Virtual Network Manager (scope)



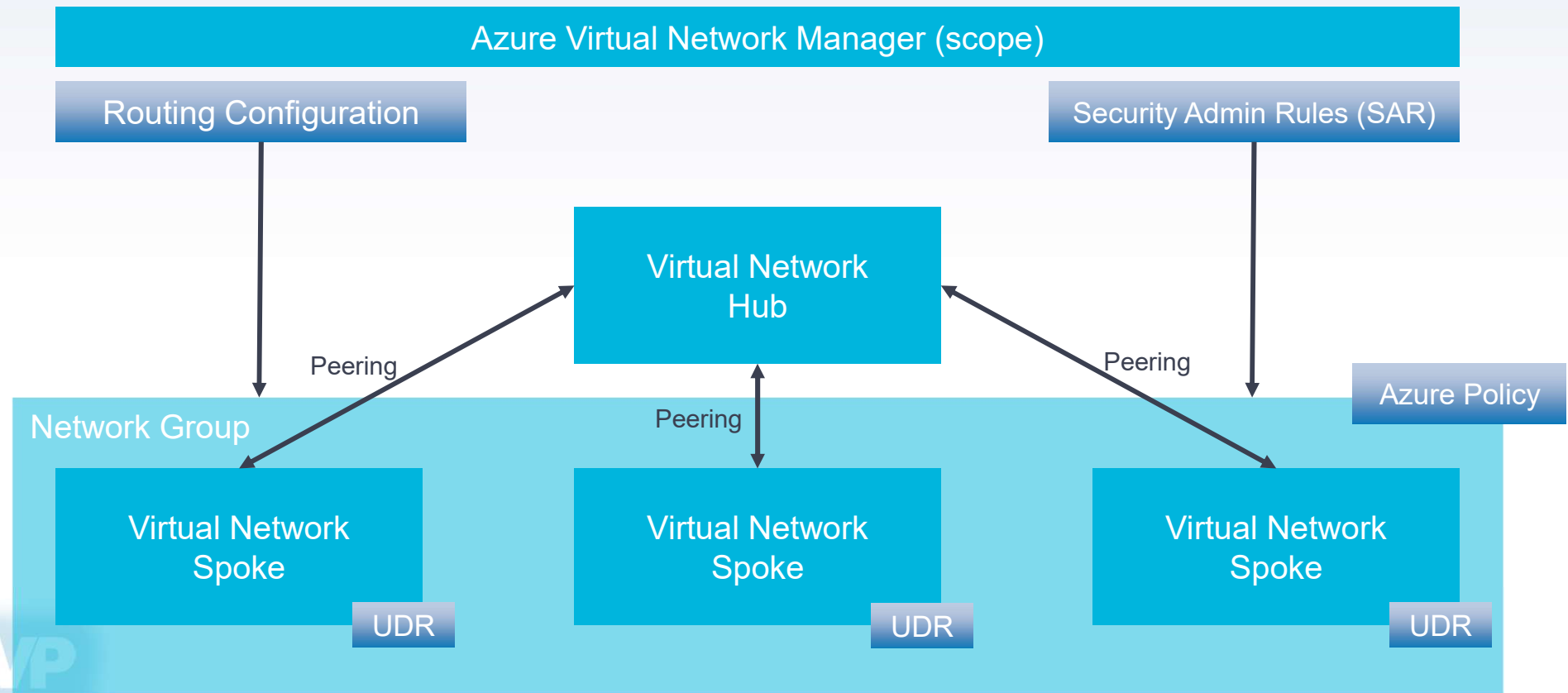
Break down of AVNM – UDR management



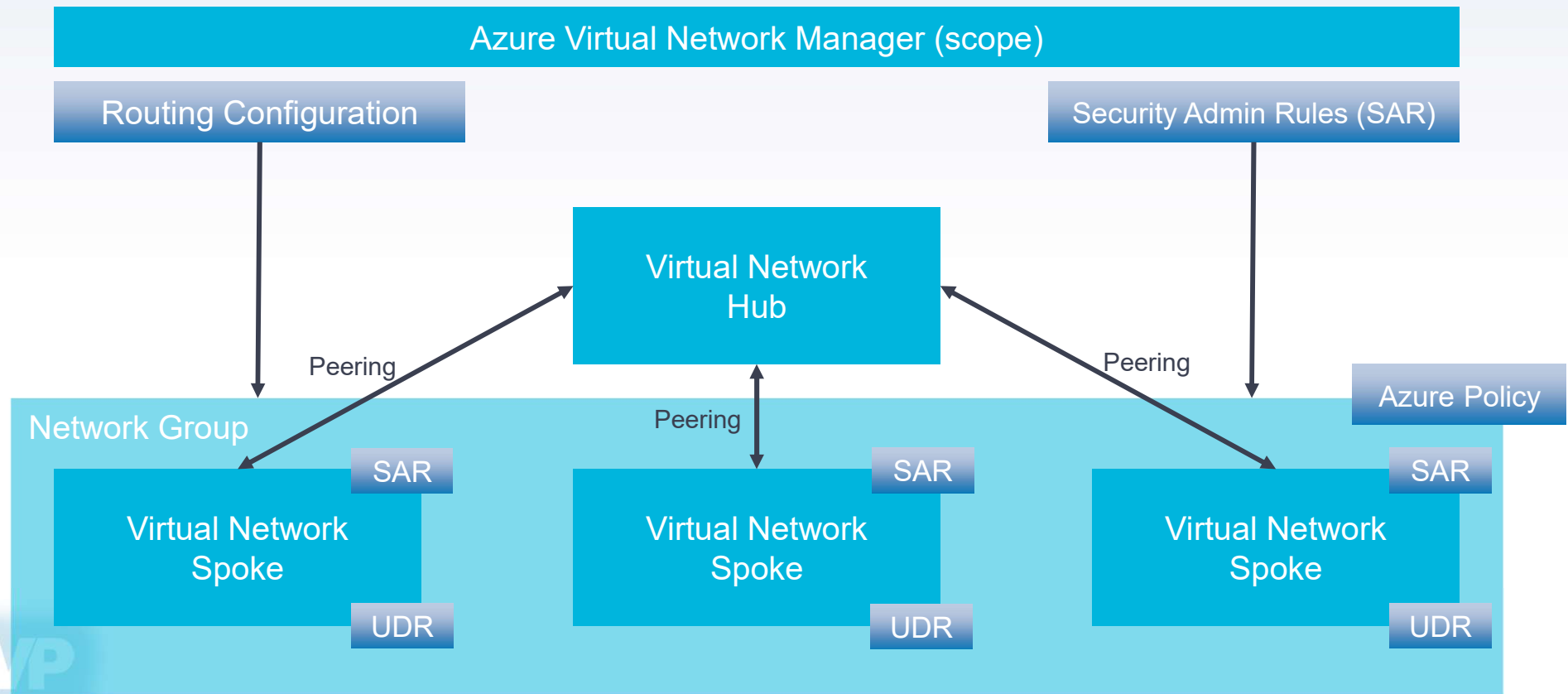
Break down of AVNM – UDR management



Break down of AVNM – Security Admin rules



Break down of AVNM – Security Admin rules



Concept: Security Admin rules

The order of network traffic evaluation:

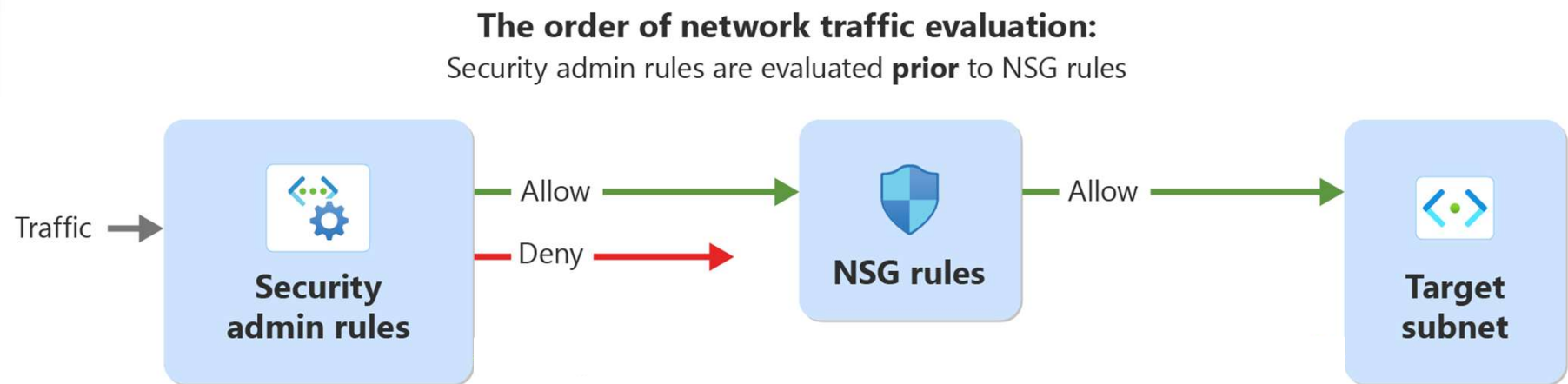
Security admin rules are evaluated **prior** to NSG rules



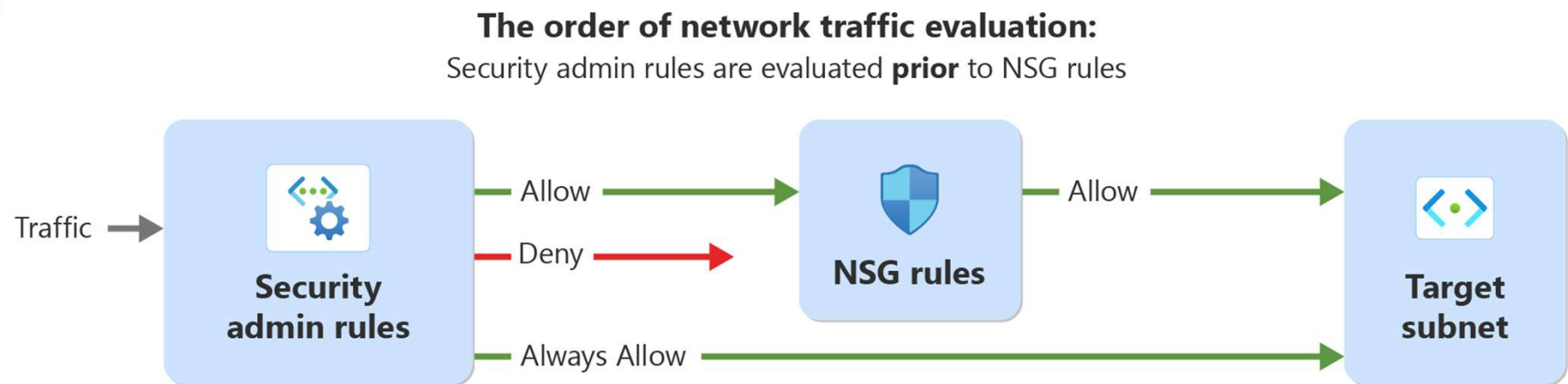
Concept: Security Admin rules



Concept: Security Admin rules



Concept: Security Admin rules



Improved Security



Improved security: Centralized security



Enforce consistent security policies



Global Azure infrastructure

Security Admin Rules (SAR)



Network Group

Virtual Network

Improved security: Centralized security



Enforce consistent security policies



Global Azure infrastructure



Security Admin rules



Ensure security policies are enforced

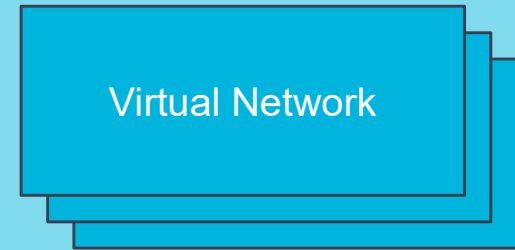
MVP
Dagen

Security Admin Rules (SAR)

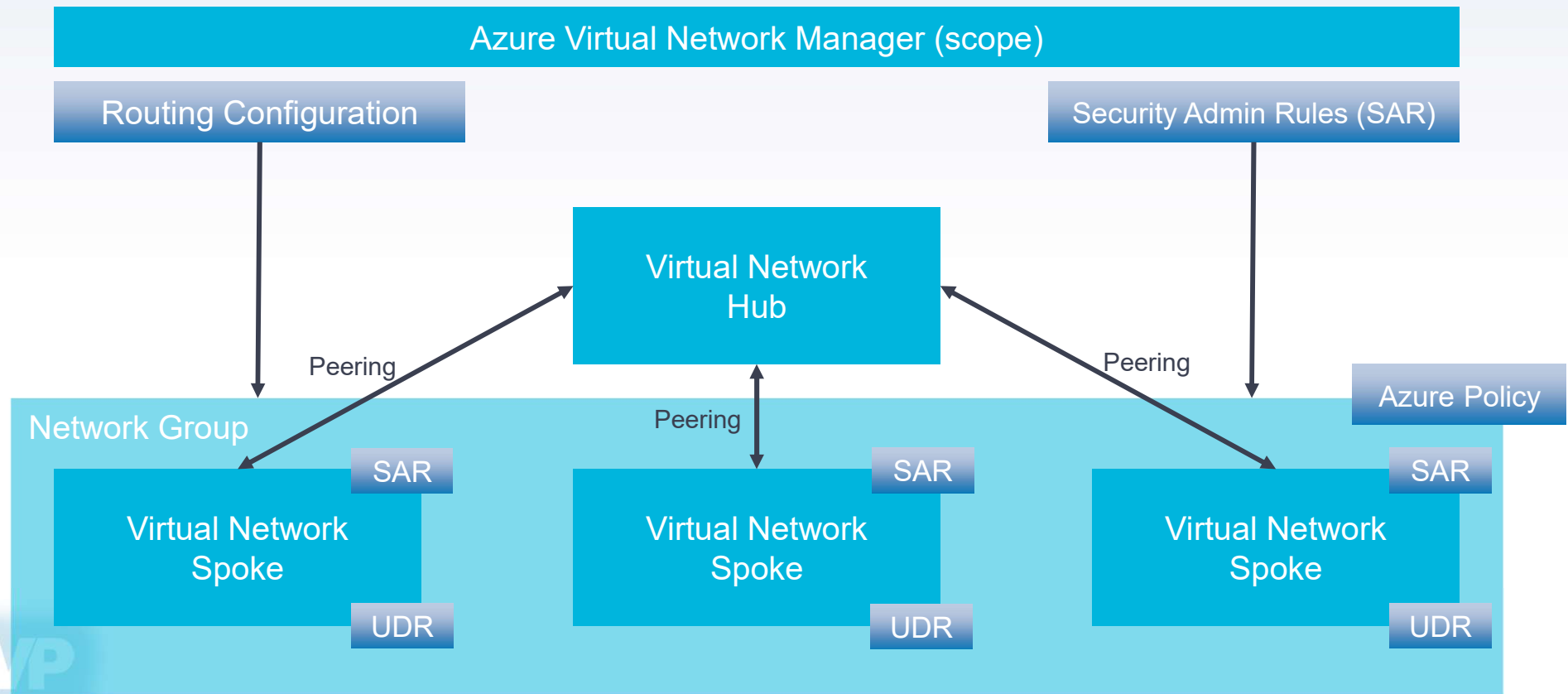


Network Group

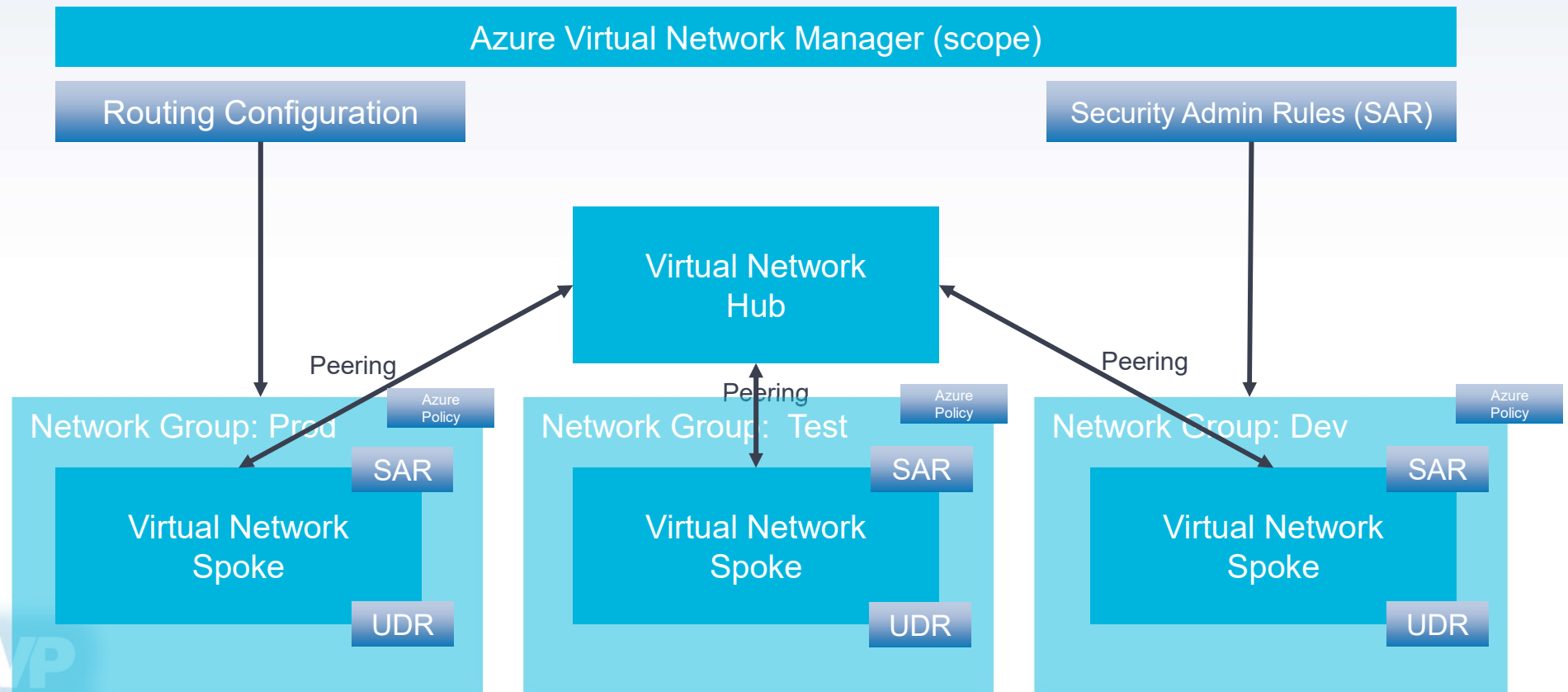
Virtual Network



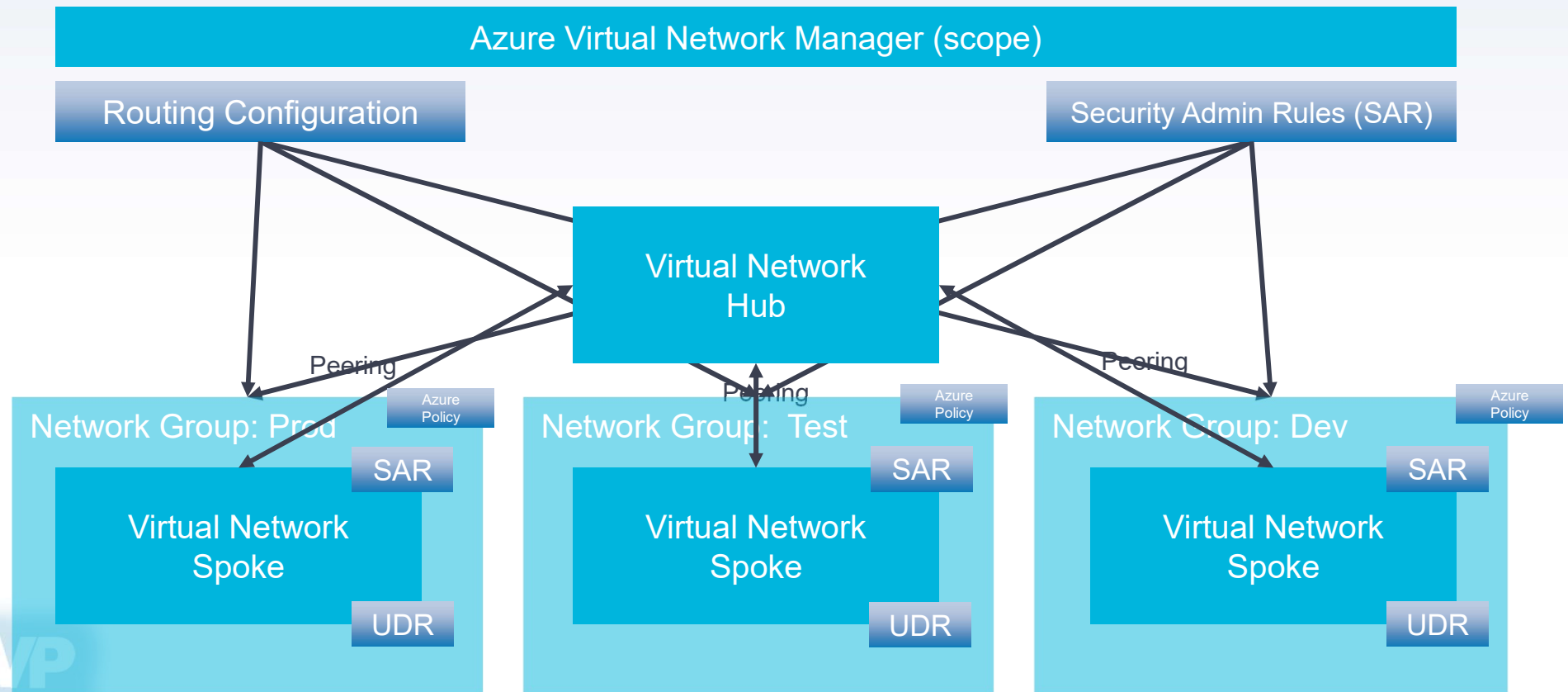
Improved security: Dynamic network group



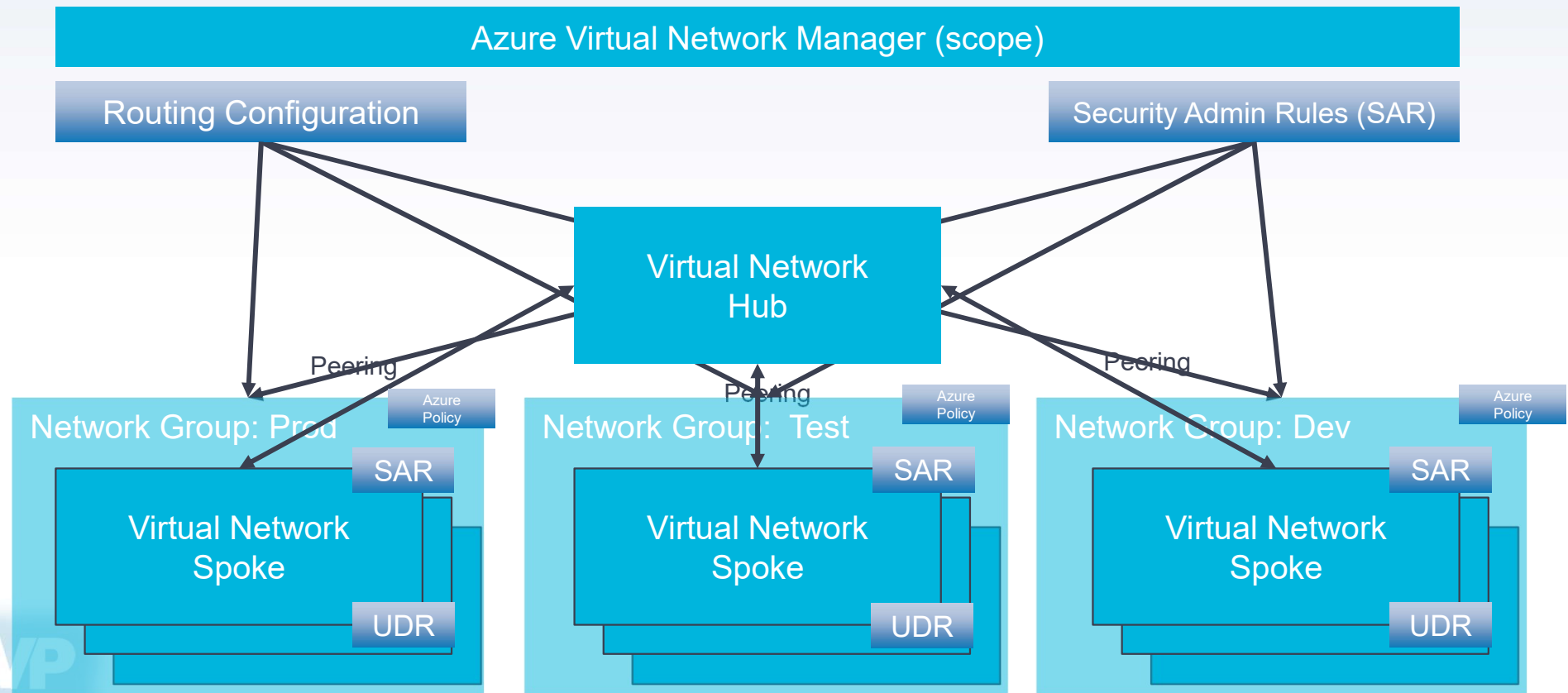
Improved security: Dynamic network group



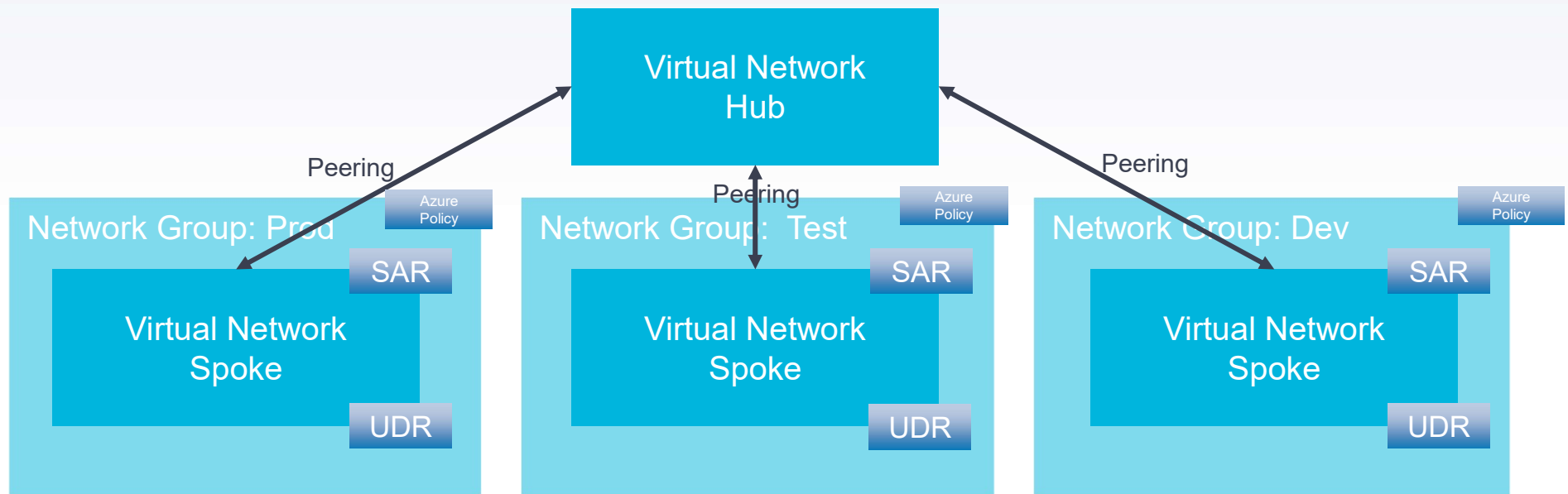
Improved security: Dynamic network group



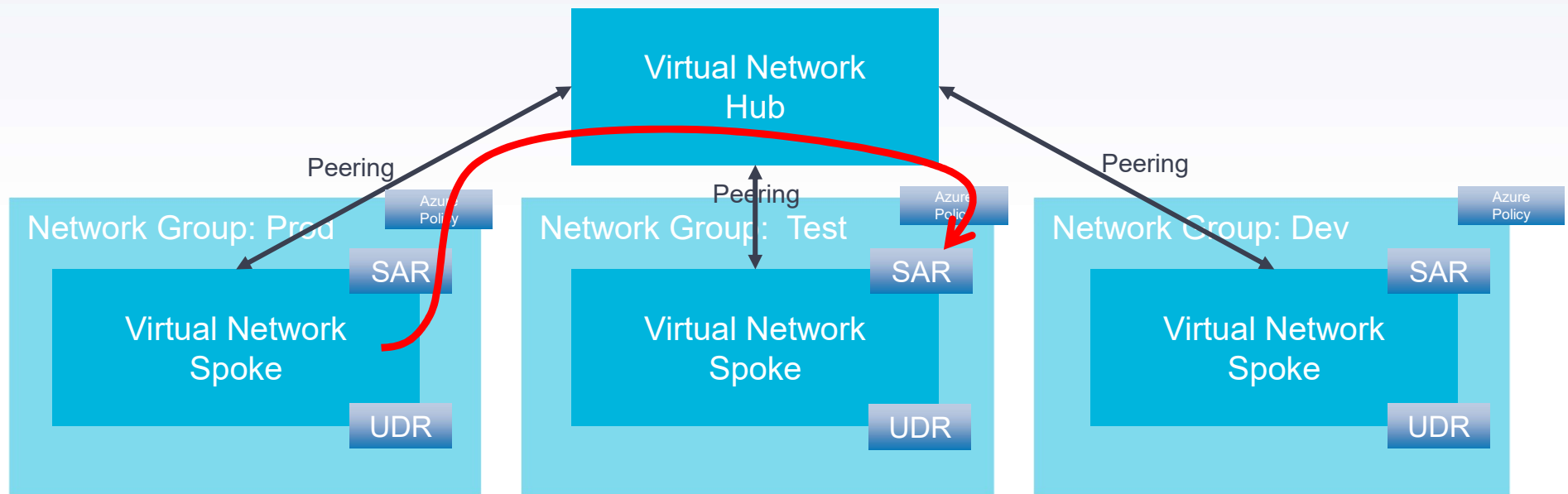
Improved security: Dynamic network group



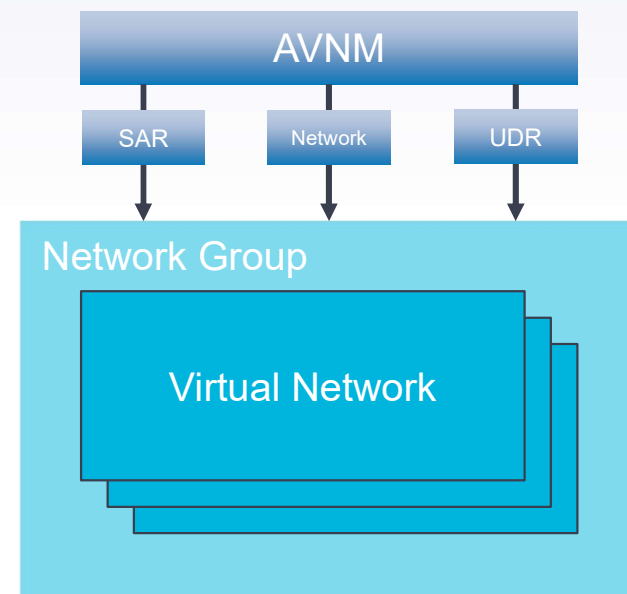
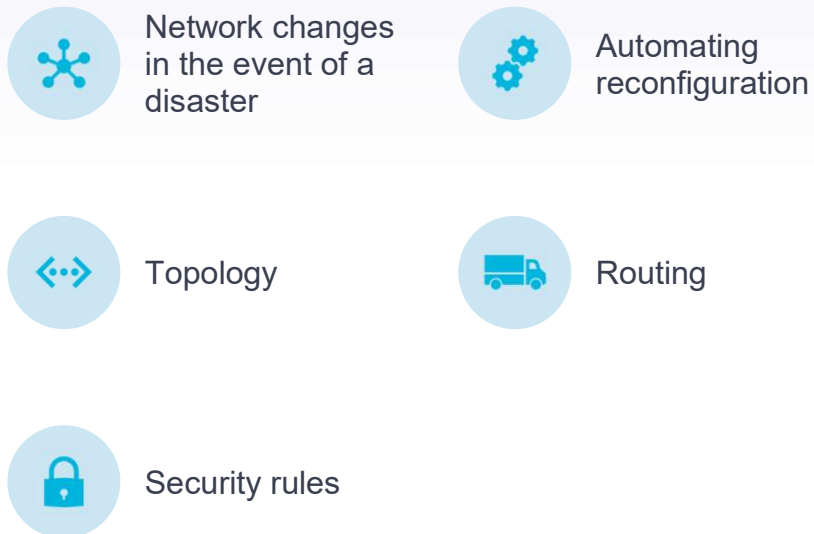
Improved security: Dynamic network group



Improved security: Dynamic network group



Improved security: DR



Centralized management for your global scale networks

Azure Virtual Network Manager enables you to create network configurations and safely deploy them across regions. [Learn more](#) 



1. Define your network group

Group existing virtual networks that you want to manage as a set.

[View network groups](#)



2. Configure settings

Create feature-specific configurations to define your network.

[View configurations](#)



3. Deploy

Safely deploy your configurations at scale by staging your deployment across regions.

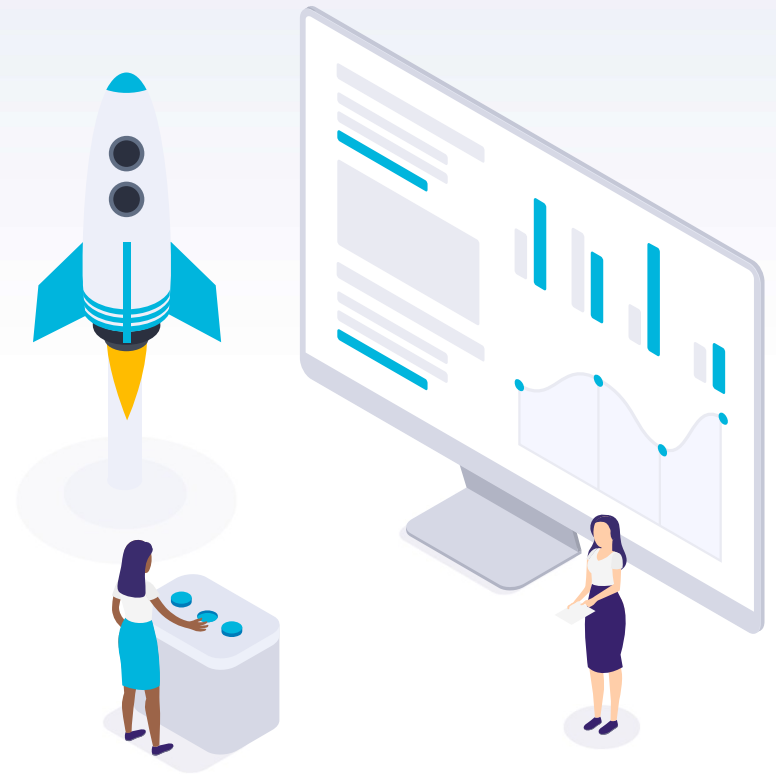
[View deployments](#)

DEMO
CAPABILITIES

2

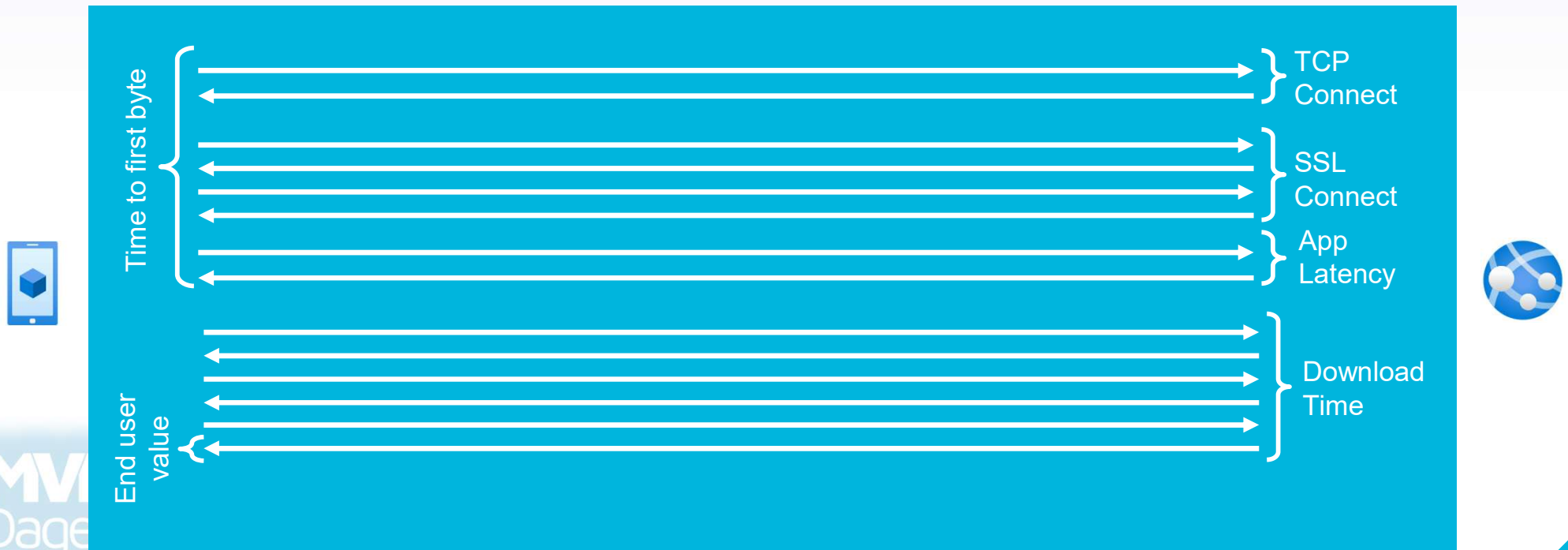
Fast, reliable and secure applications

Azure Front Door



MVP
Dagen



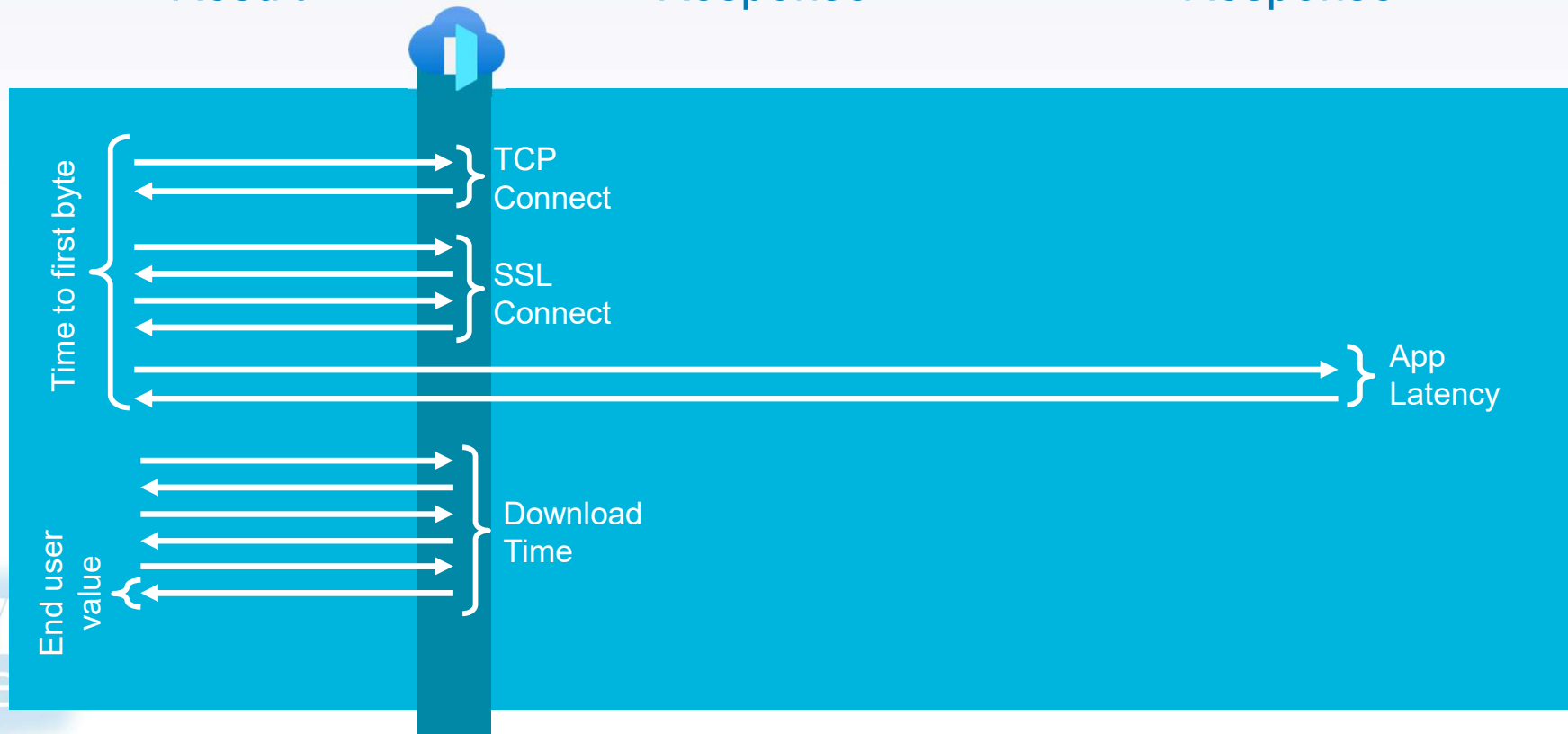
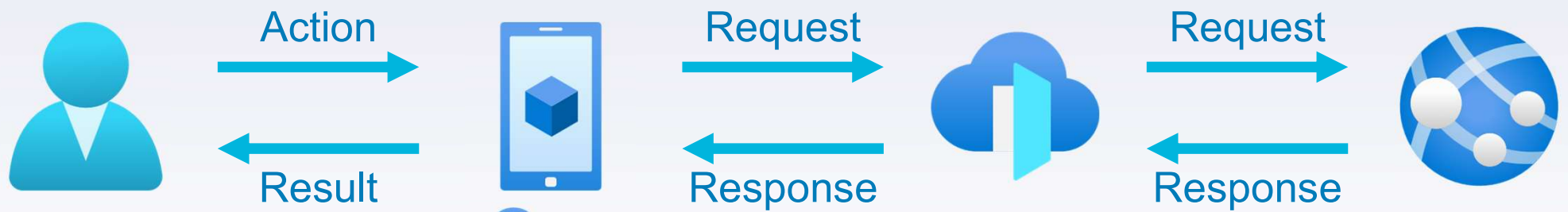





Azure Front Door

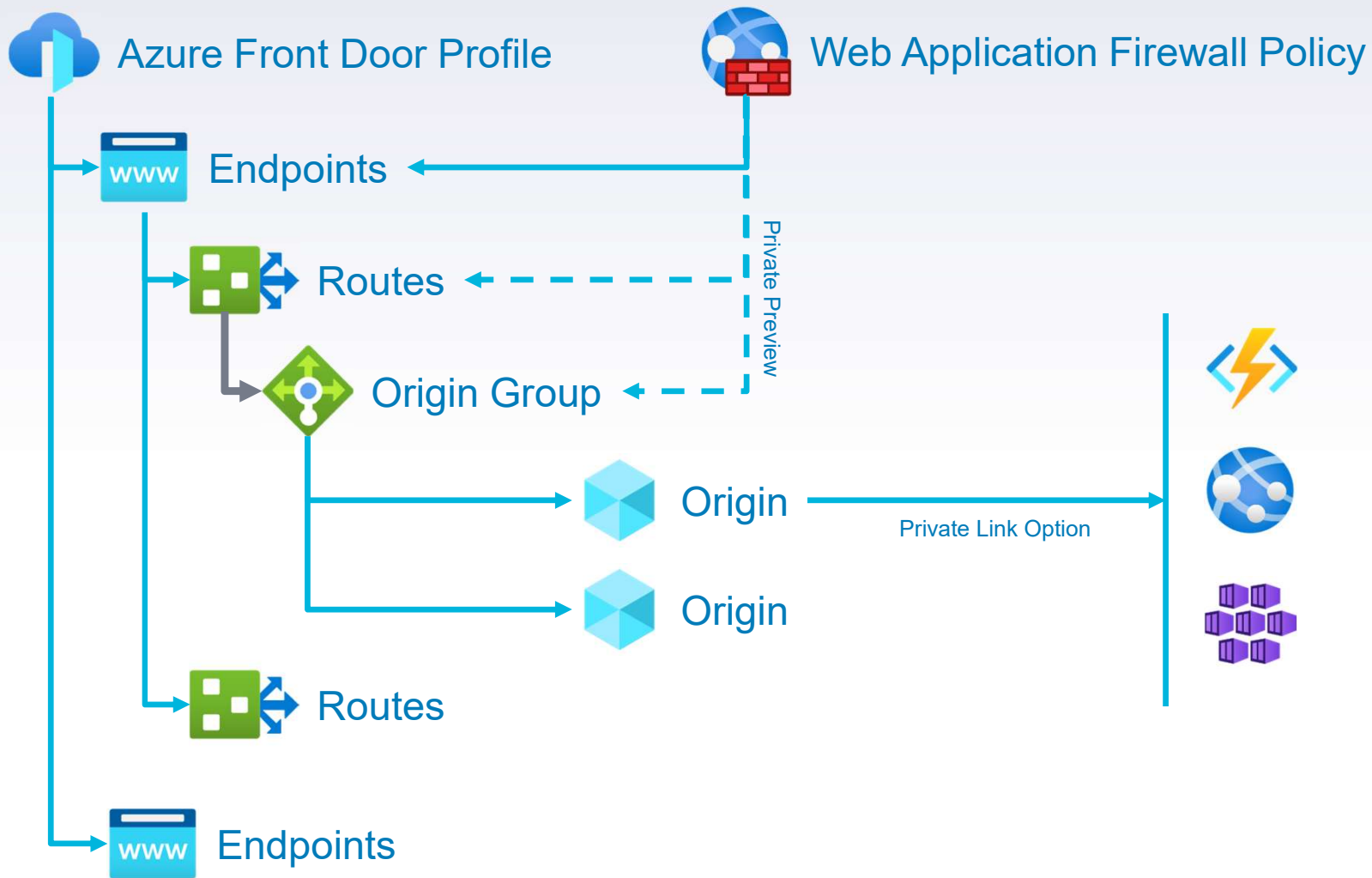
Scalable, secure entry point for global application delivery

- Globally distributed load balancer
- 192 edge locations across 109 metro cities
- Level 3, 4 and 7 DDoS protection
- Azure Web Application Firewall
- Latency based routing and load balancing capabilities
- DevOps friendly with easy-to-understand APIs

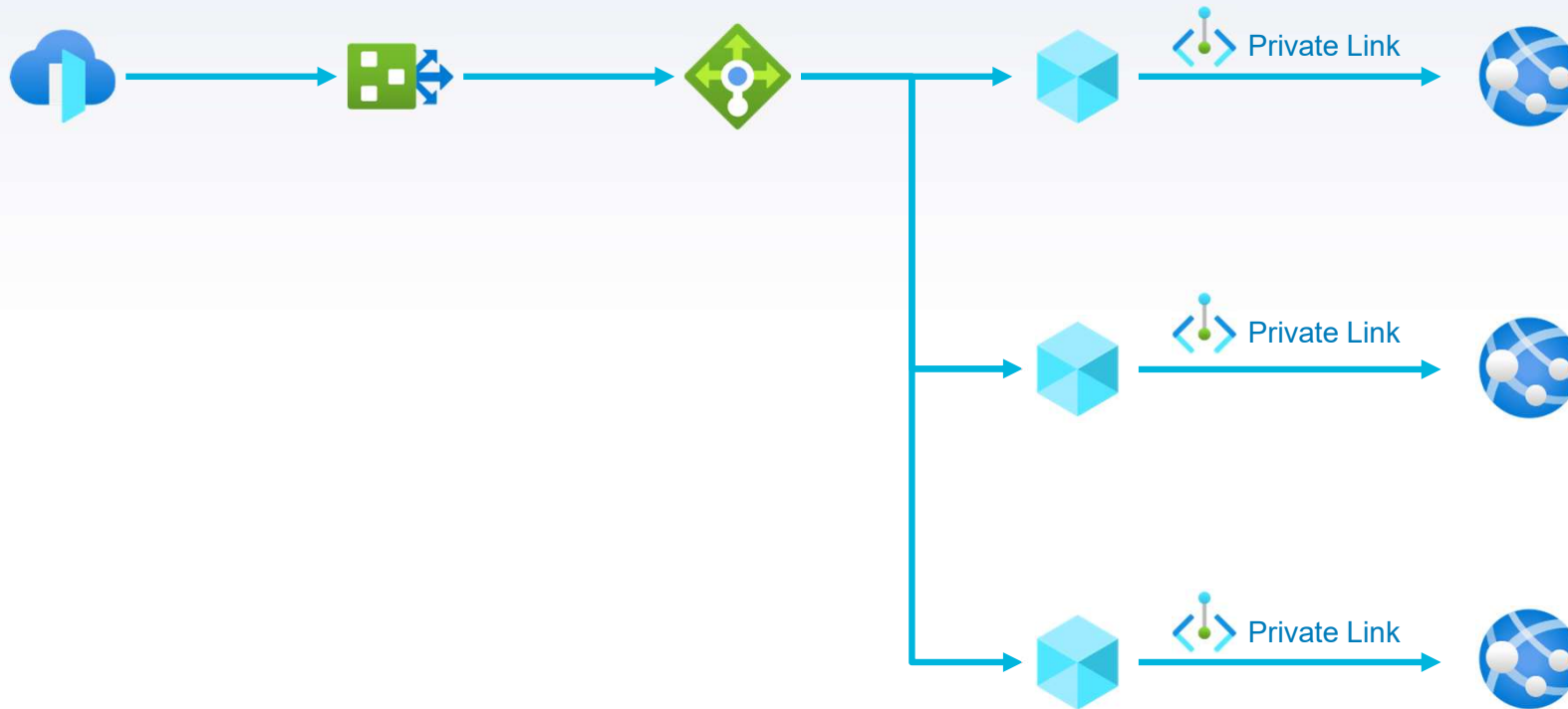




-  Rule sets
-  Domains
-  Secrets



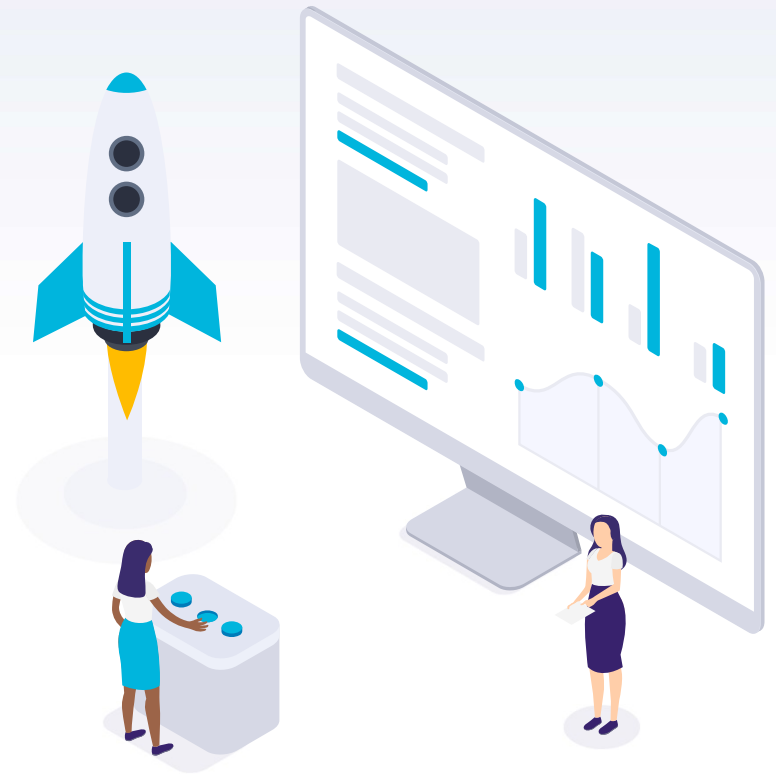
https://{endpoint} /*



2

Demo

Azure Front Door



MVP
Dagen



Takk for oss

