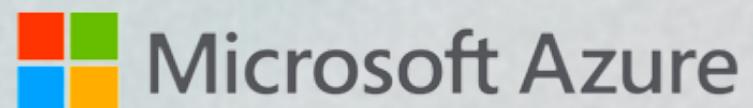




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AZURE NETWORKING

iNeuron



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Cyber Security Analyst at iNeuron
AzDev Lead Member
Cyber Security Consultant at Cyber
Security Society | Secuneus Cyber
Security | Techtwins Technologies |
Ground Cyber Pvt Ltd.
Certified Ethical Hacker - CEHv11

FOLLOW ME





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WHAT WE COVERING



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AZURE NETWORKING

CONNECTIVITY
SERVICES

APPLICATION
DELIVERY SERVICES



APPLICATION
PROTECTION
SERVICES

NETWORK
MONITORING

COMPUTER NETWORKING



Interconnection Between Every Digital Devices we are using today. Where some data is transferred from one system to another system.



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Monitoring and troubleshooting



Azure Network Watcher



Enterprise
Datacenter



ExpressRoute



VPN Site to Site



Datacenter

Interconnection on- premises datacenter <-> Azure



Azure Virtual
WAN



Enterprise
site 3



Enterprise
site 2



Corporate WAN



VPN Point to Site

Roaming network
connection <->
Azure



VNet Peering / VNet
Global Peering



VNet-to-VNet

Interconnection
between VNets



Azure
Firewall



Network
Virtual
Appliance



Virtual
Network



Network
Security
Group



Public IP



Azure DDoS
Protection



Network
Interface
Card

Secure Internet Access

Virtual Network



Azure
Application
Gateway



Front
Door



Network
Virtual
Appliance



Azure Load
Balancer



Azure Traffic
Manager



Azure
DNS
DNS zone
management



Azure
CDN
Content Delivery
Network

Web Application Firewall and Load Balancing

GLANCE AT DEPTH





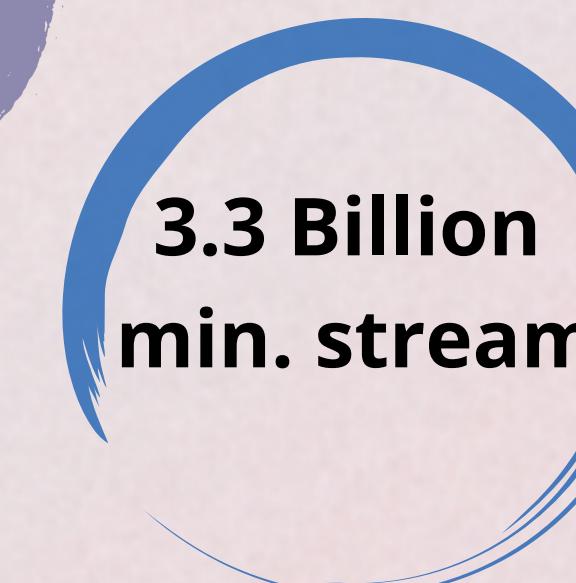
Case Study

NBC Olympics breaks streaming records with support from Microsoft Azure

NBC Sports and Azure racked up a host of record-breaking firsts covering the Rio Games



4500
hrs



3.3 Billion
min. stream



2.7 Billion
Live Stream



17 Days Full HD
stream with Zero
Downtime

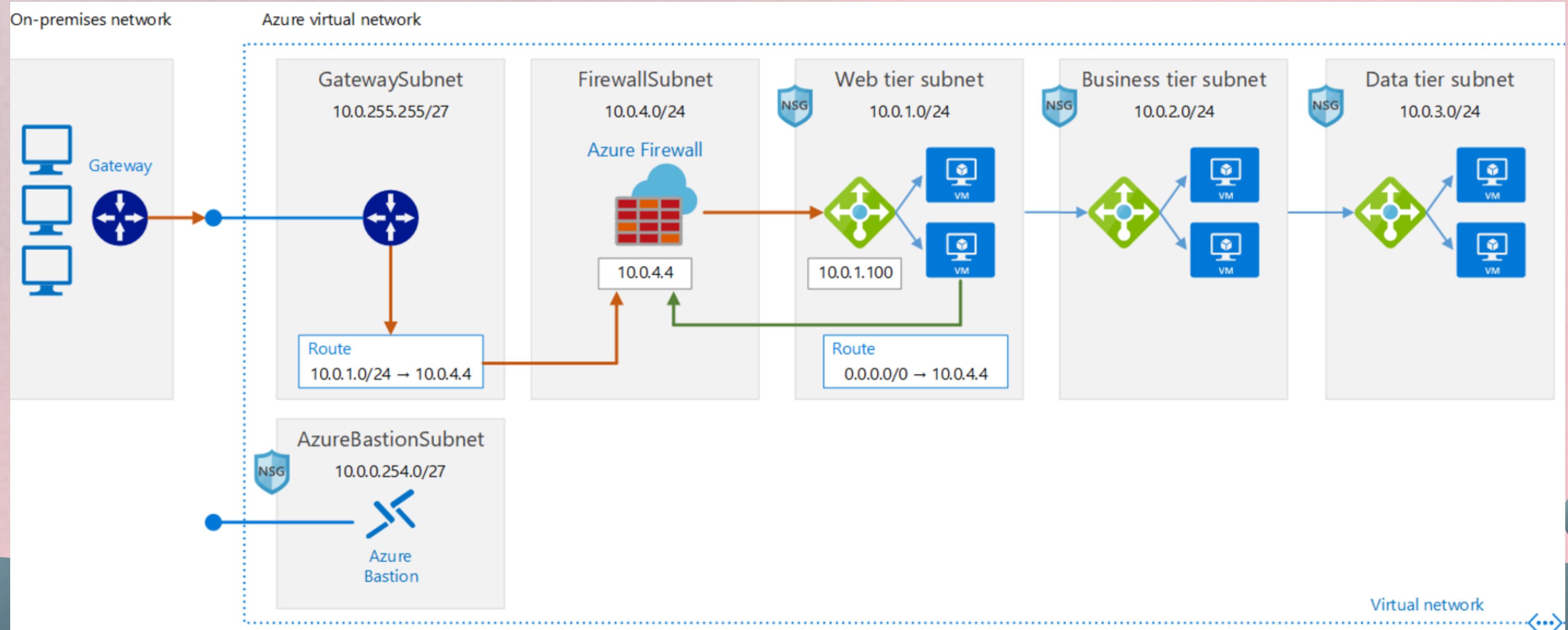


World
Record

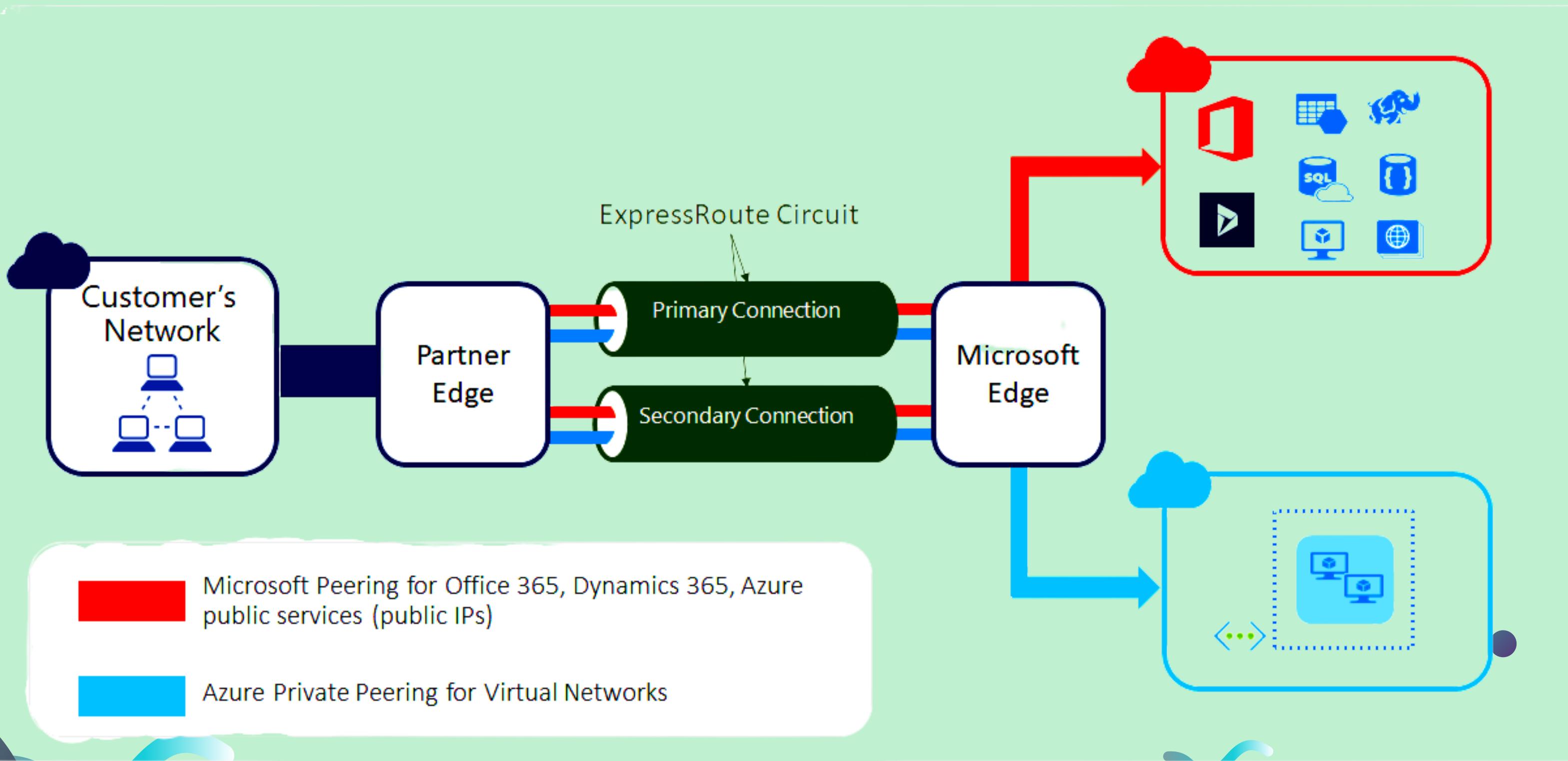
LET'S UNDERSTAND SOME FAMOUS SERVICES



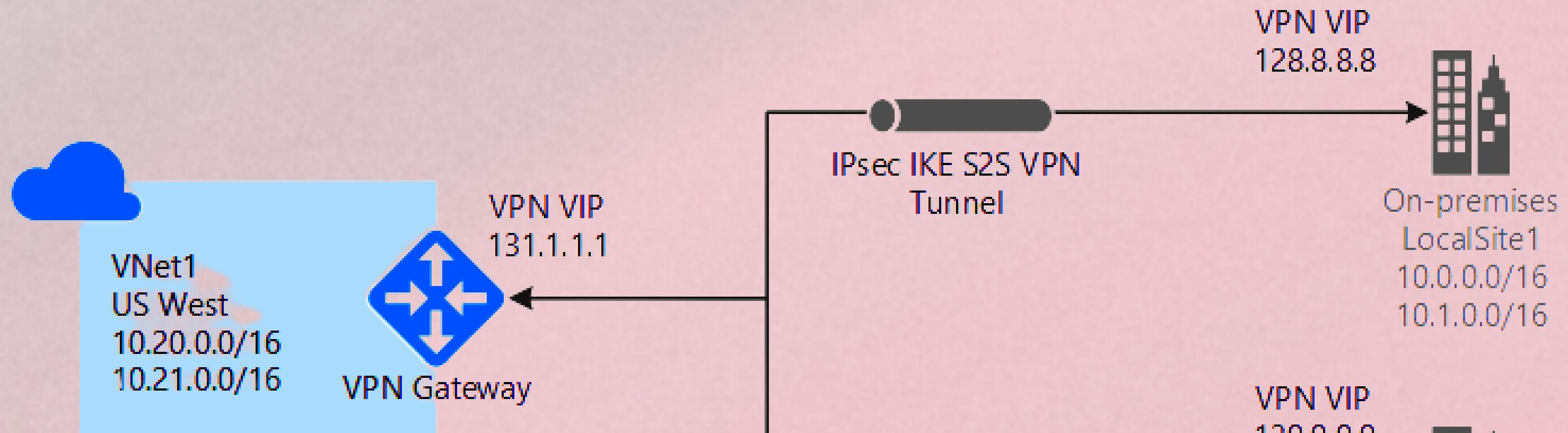
AZURE VIRTUAL NETWORK



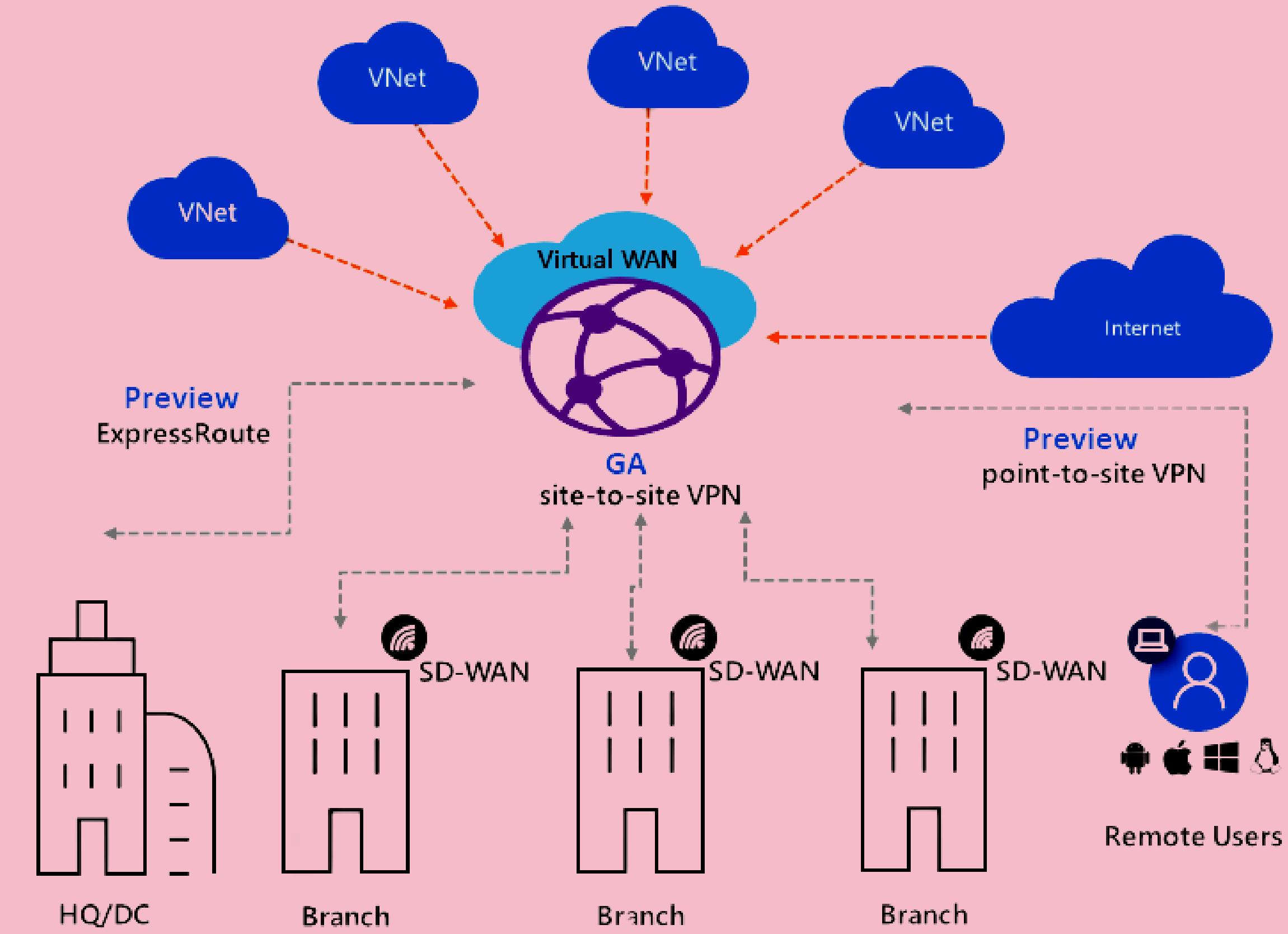
EXPRESS ROUTE SERVICE



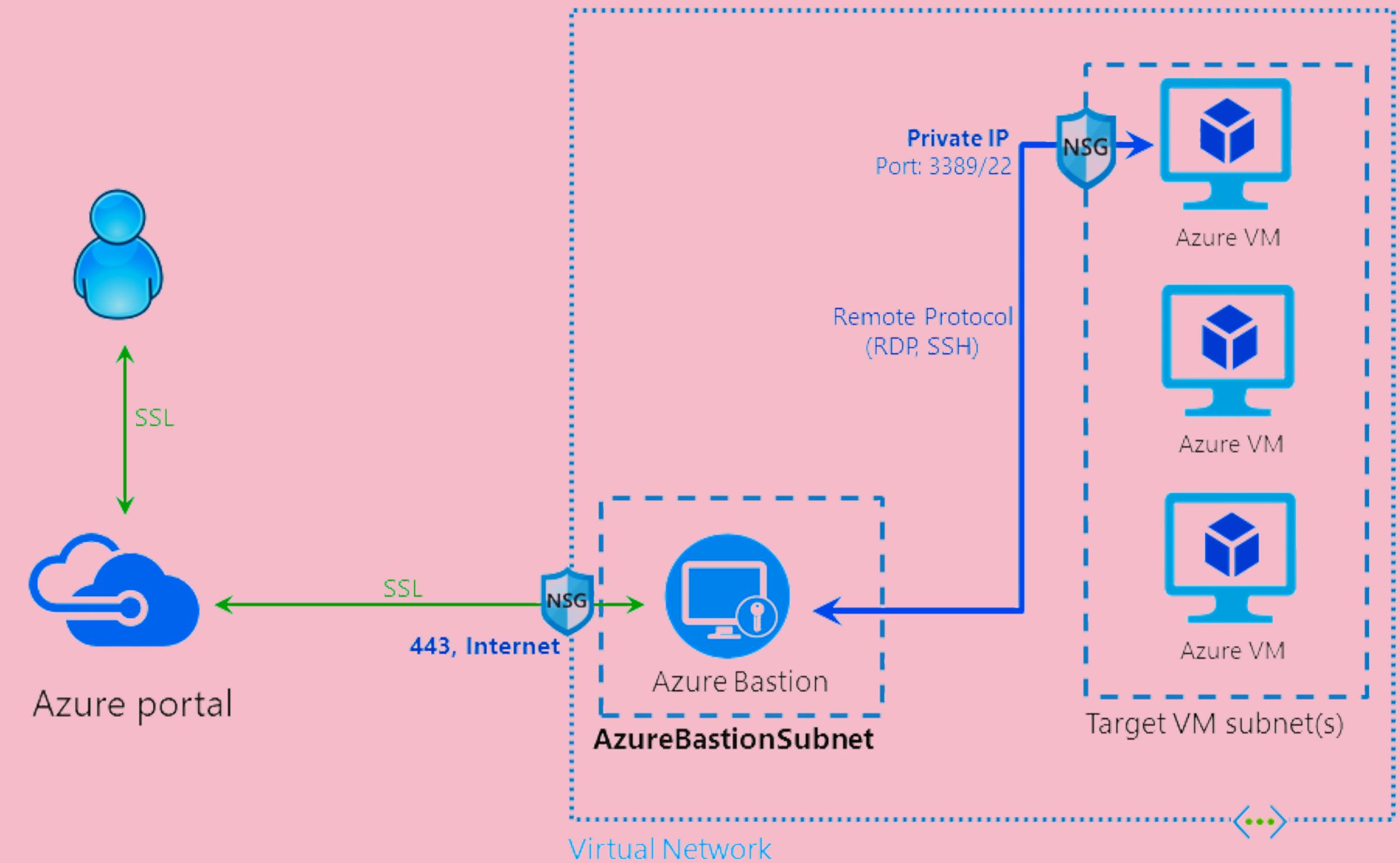
VPN GATEWAY SERVICE

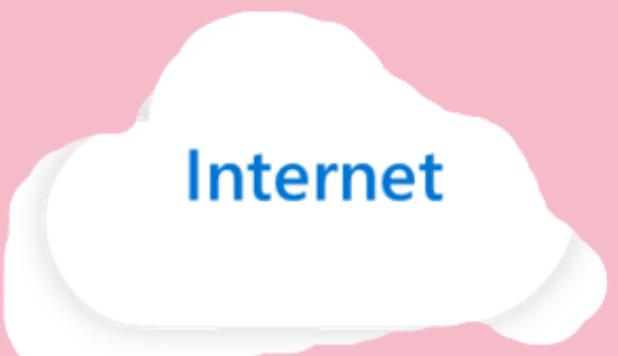


VIRTUAL WAN SERVICE



AZURE BASTION





Public IP 1 Public IP 2

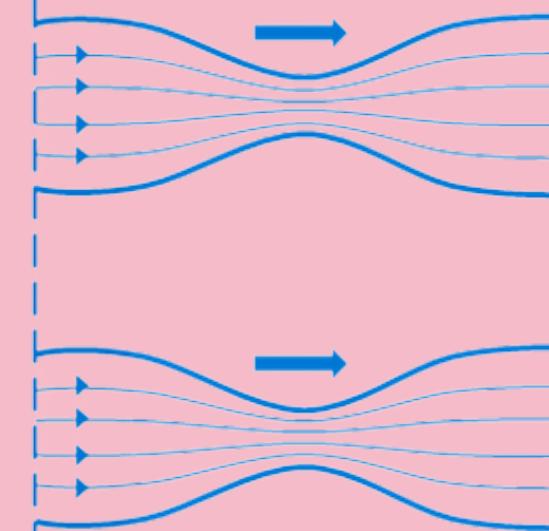
DDoS Protection Standard

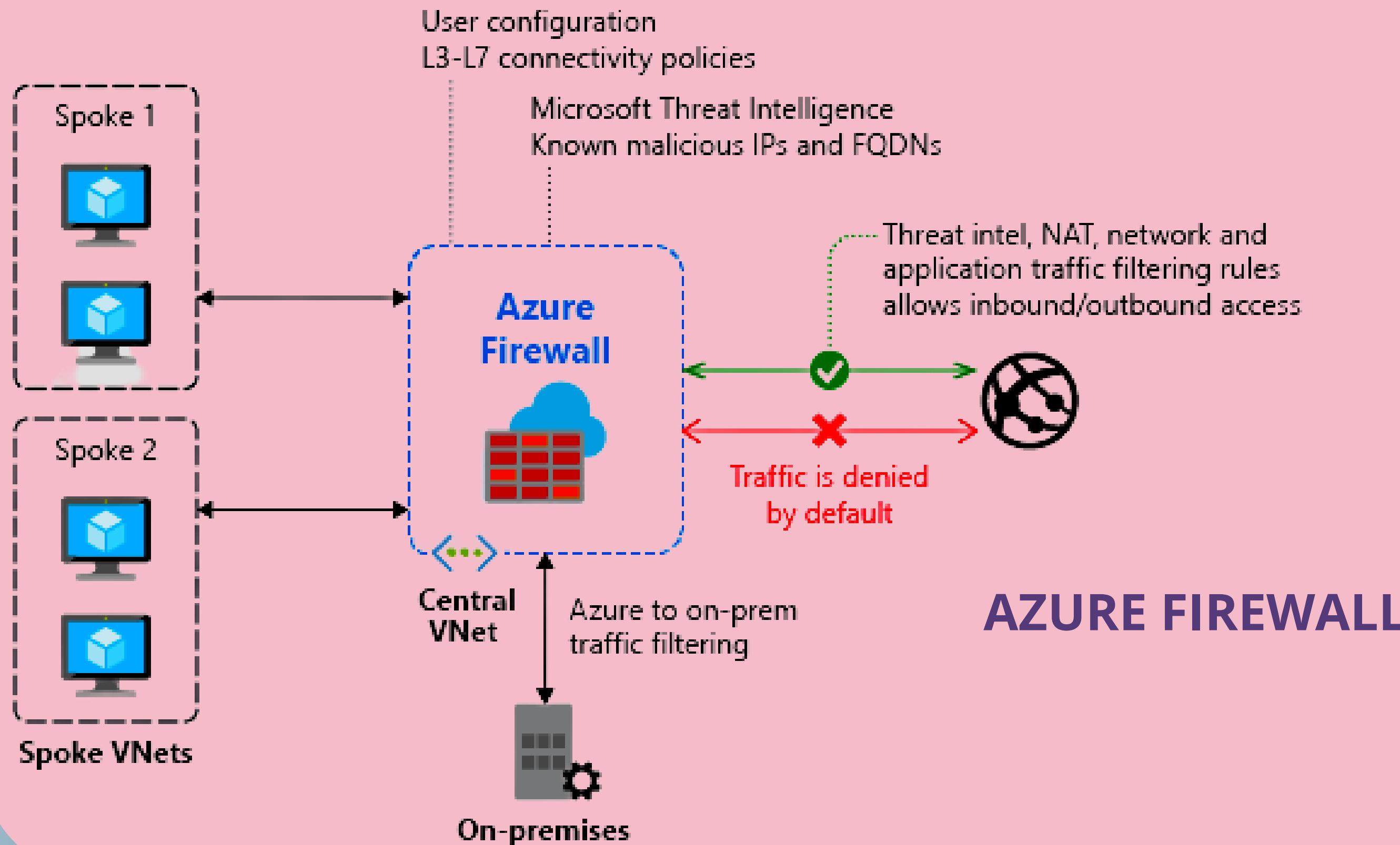


AZURE DDOS

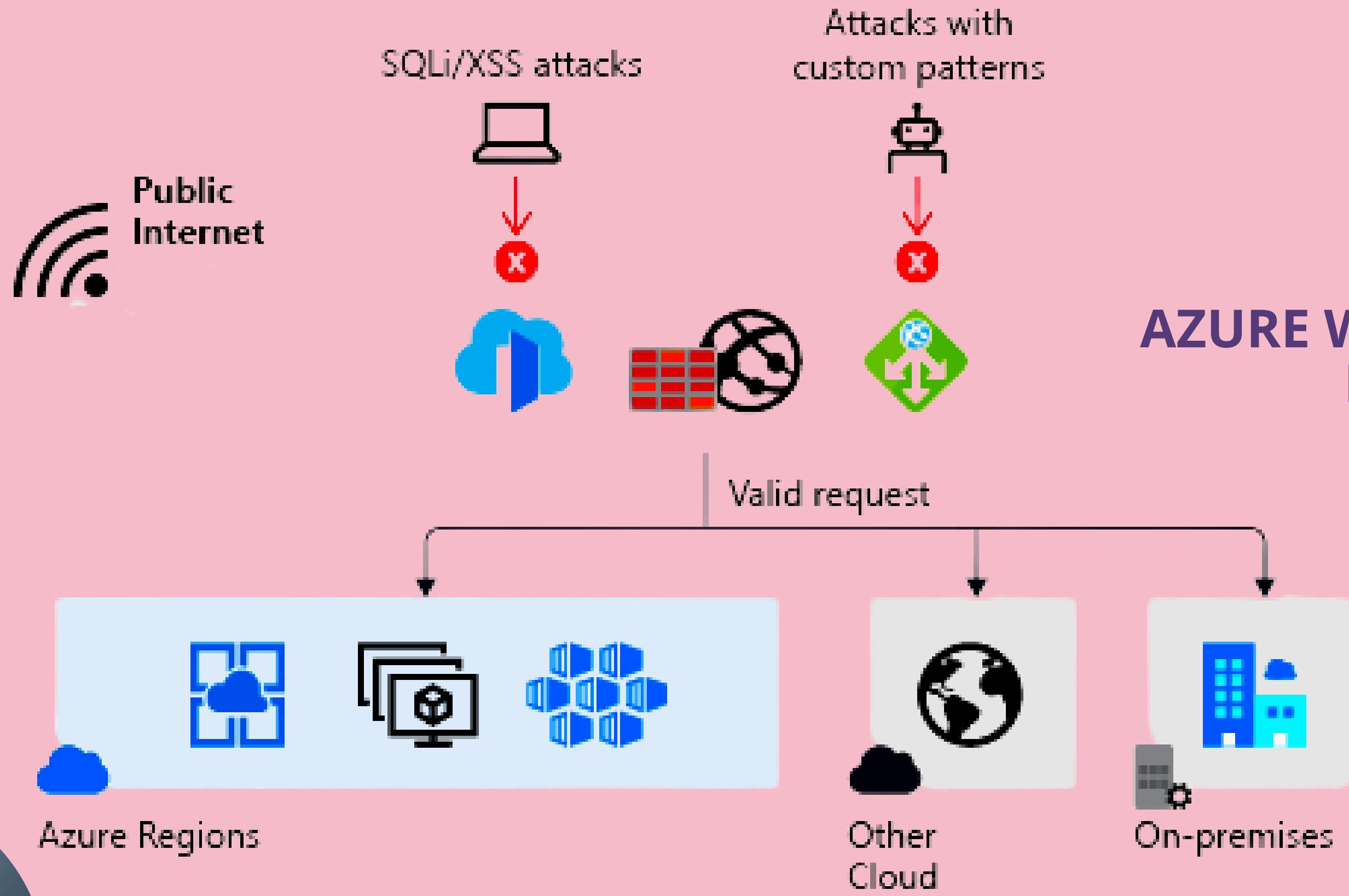


Adaptive
Tuning
Engine





AZURE FIREWALL



AZURE WEB APPLICATION FIREWALL

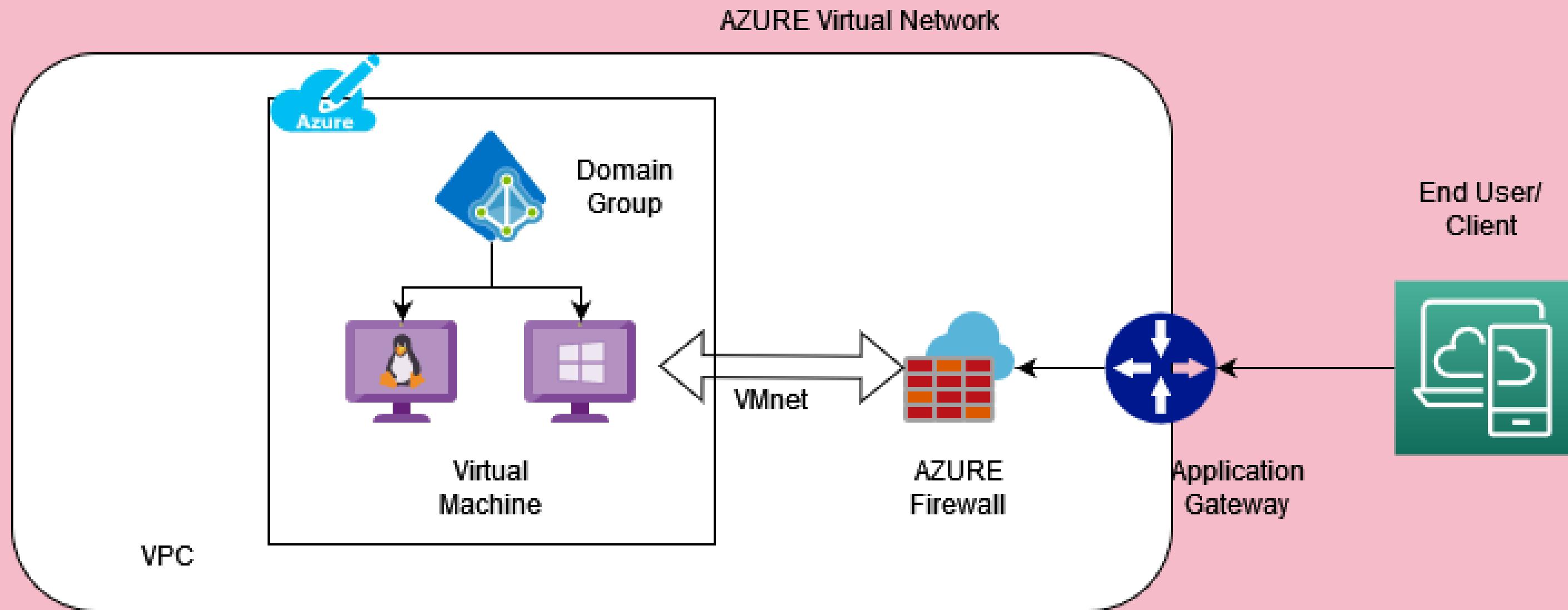
SOME MORE SERVICES WE HAVE

<https://docs.microsoft.com/en-us/azure/networking/fundamentals/networking-overview?source=docs>

READ MORE

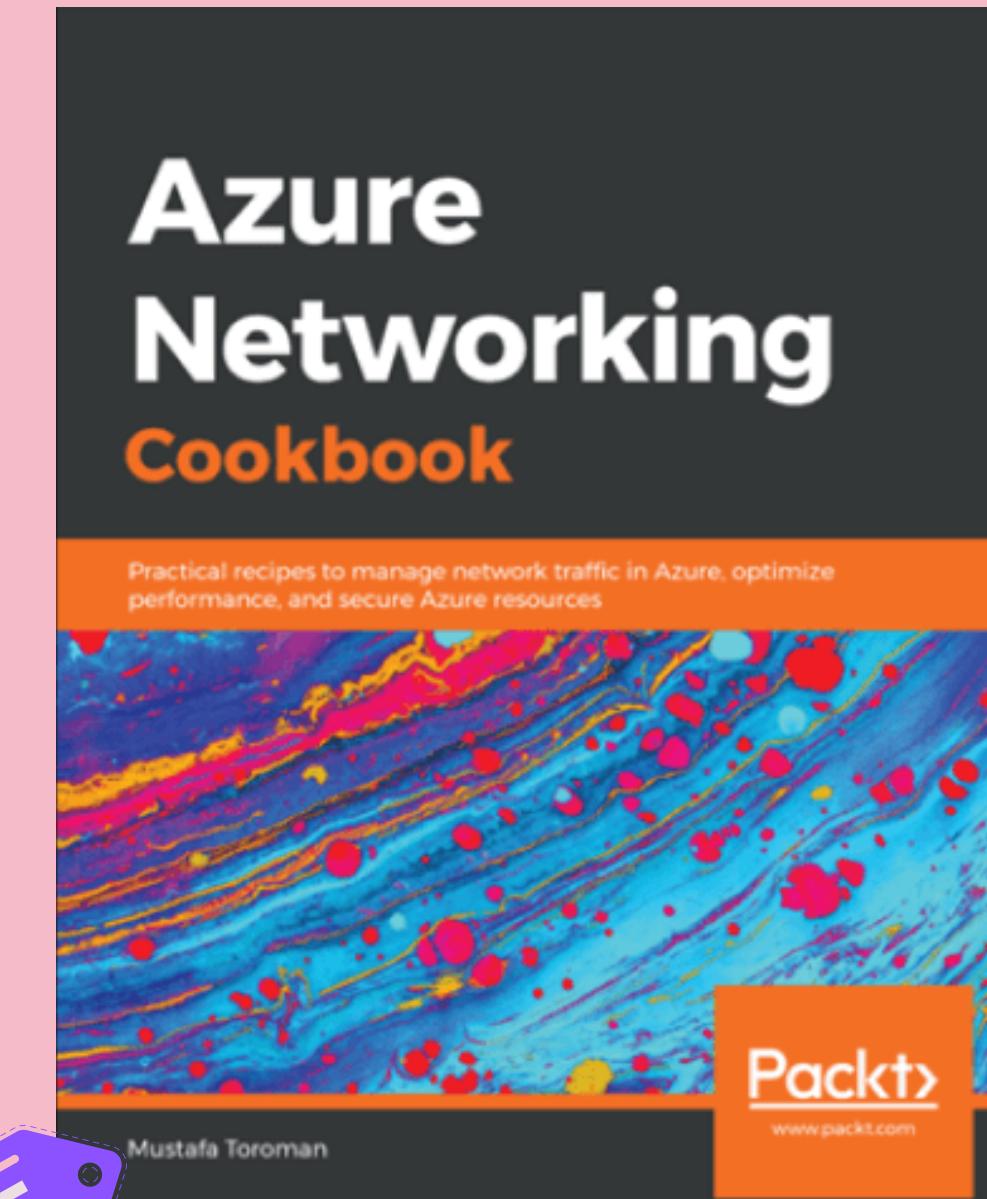


Practical DEMO



Study Resources:

- <https://azure.microsoft.com/en-in/products/category/networking/>
- <https://customers.microsoft.com/en-in/story/nbcolympics> - **Case Study**
- <https://docs.microsoft.com/en-us/azure/networking/fundamentals/networking-overview?source=docs>
- <https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-howto-point-to-site-resource-manager-portal?toc=%2Fazure%2Fnetworking%2Ftoc.json>



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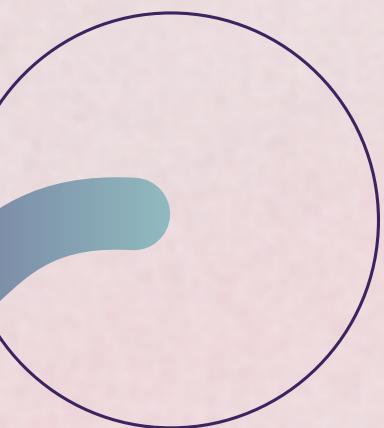


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<https://bit.ly/3yDMGHP>





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THANK YOU

for your attention

ANY QUESTIONS DO FIRE

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