

# SD - WAN: Conectividad sitio a sitio a menor costo con Barracuda NextGen Firewall





Connectivity &  
Secure SD-WAN

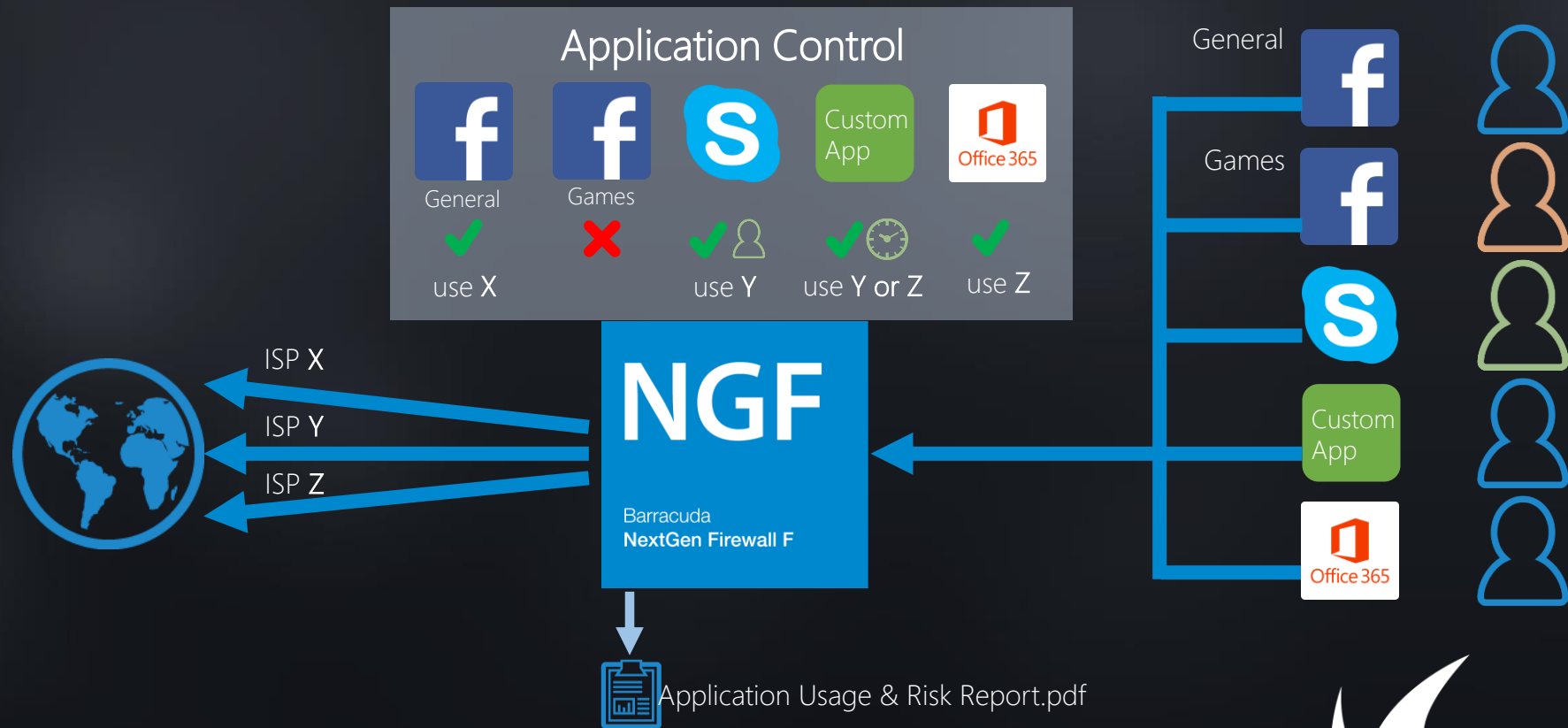


# Caso de Éxito

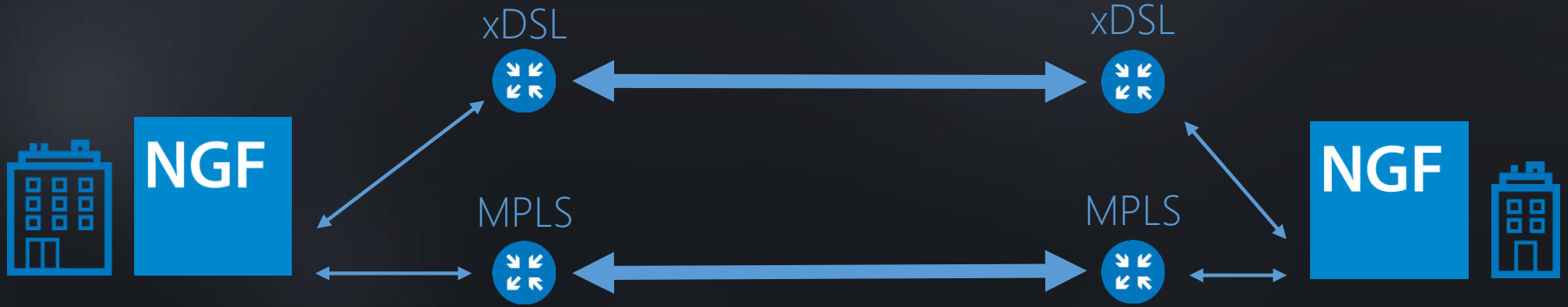
- Empresa Retail
- 380 tiendas, 5 Centros de Distribución, 1 Data Center
- Enlaces MPLS y 1 o 2 ADSLs por sitio
- Firewalls en cada sitio, site to site VPN IPSec de Sucursales a Datacenter
- Caída de conectividad por degradación o caída de MPLS o ADSL



# Application-Based Provider Selection



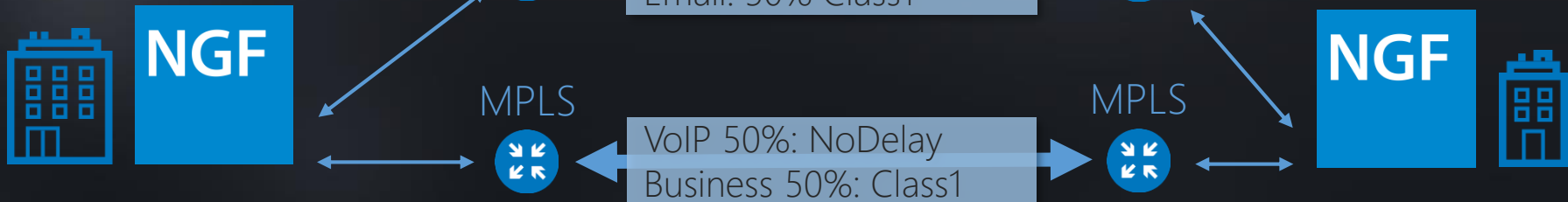
# Traffic Intelligence / WAN Virtualization





# Traffic Intelligence / WAN Virtualization

	Lotus Notes
	Webex
	Gmail Base
	Facebook Groups
	Facebook Base
	Avira AV Update
	Microsoft Update



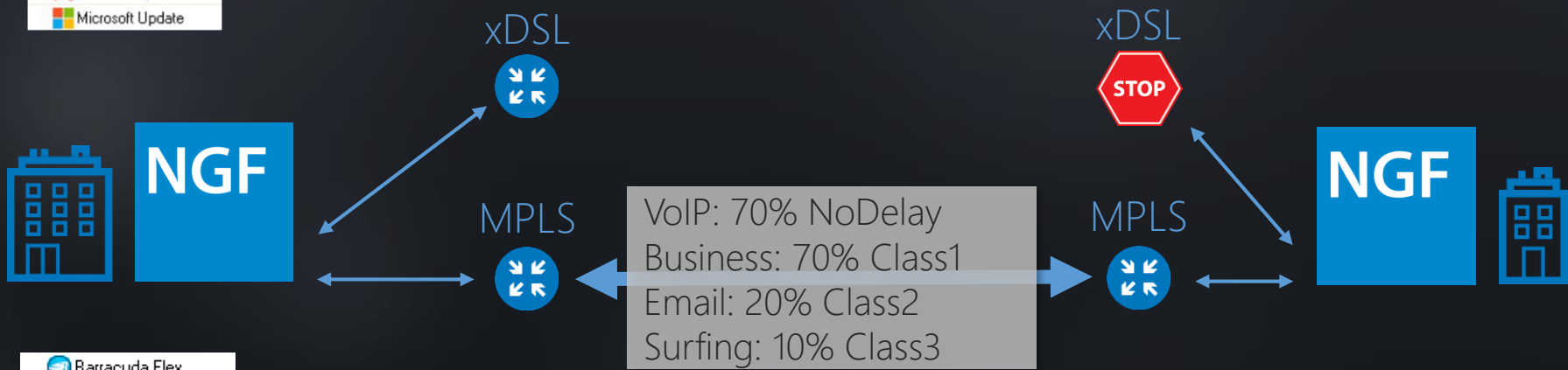
	Barracuda Flex
	Oracle Database
	Salesforce
	SAP





# Traffic Intelligence / WAN Virtualization

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- Barracuda Flex
- Oracle Database
- Salesforce
- SAP

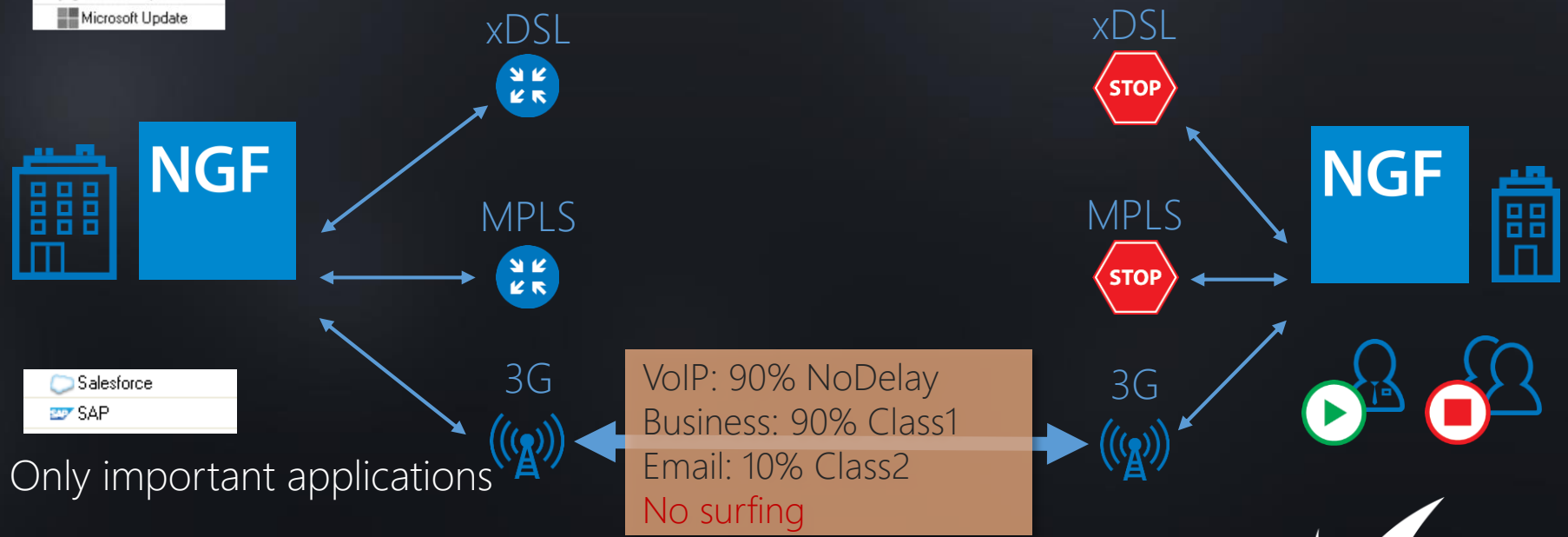




# Traffic Intelligence / WAN Virtualization

- Lotus Notes
- Webex
- Gmail Base
- Facebook Groups
- Facebook Base
- Avira AV Update
- Microsoft Update

No surfing



- Salesforce
- SAP

Only important applications

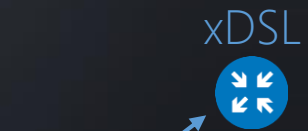






# Traffic Intelligence / WAN Virtualization

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VoIP: 70% NoDelay  
Business: 70% Class1  
Email: 20% Class2  
Surfing: 10% Class3



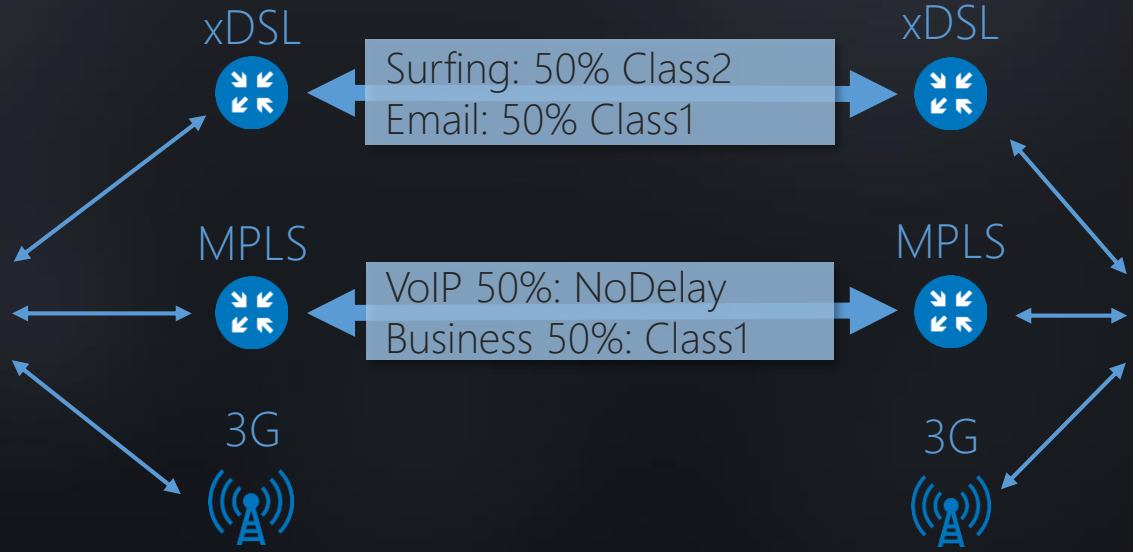
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# Traffic Intelligence / WAN Virtualization

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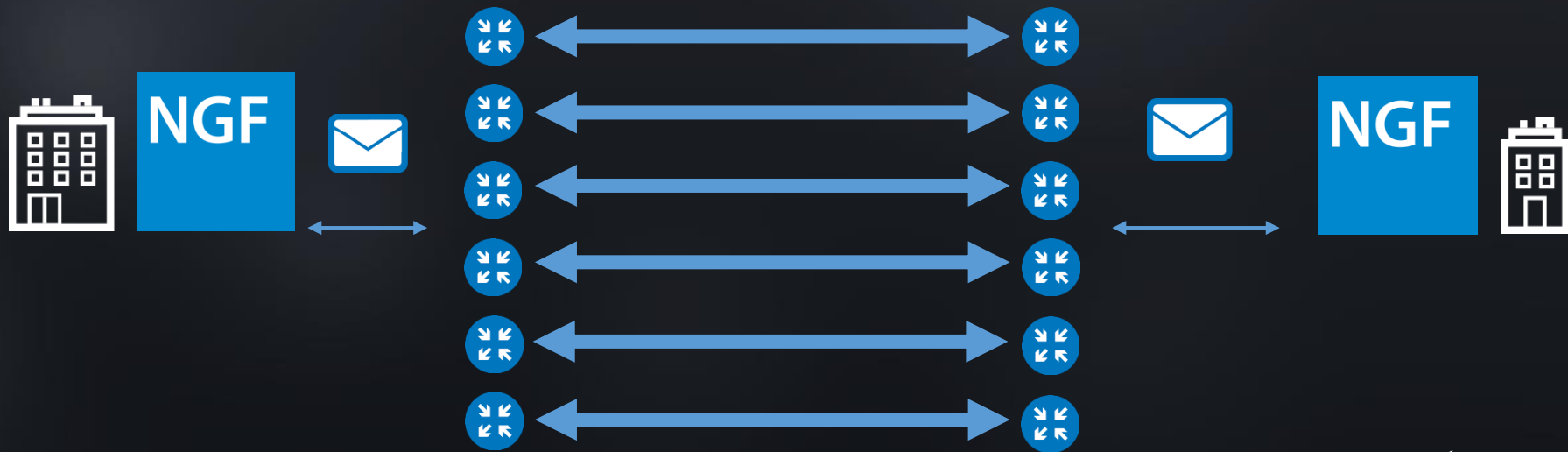
- Barracuda Flex
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- SAP



# Virtual WAN Balancing



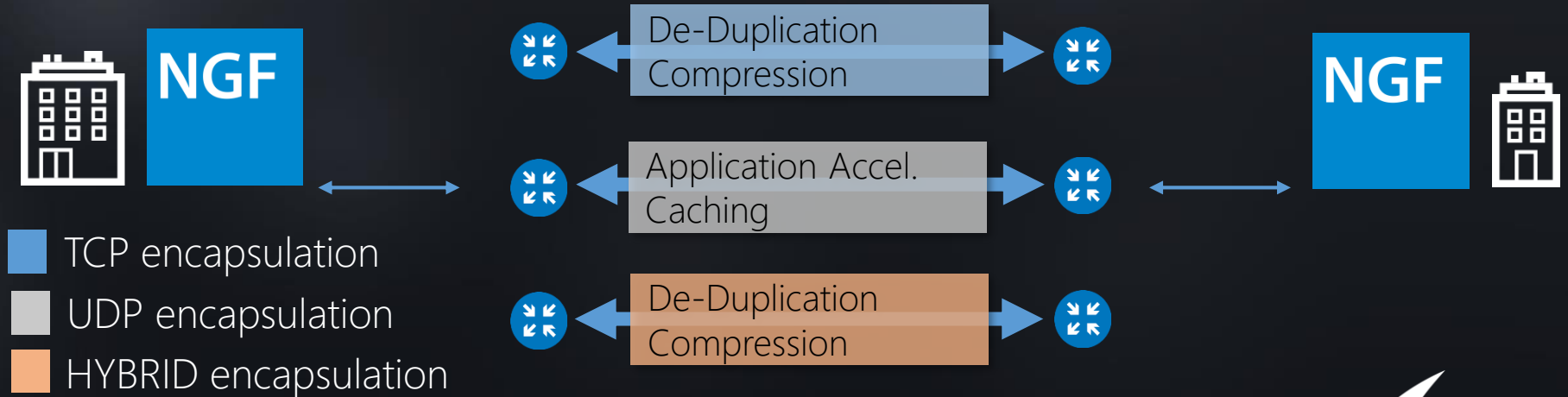
Up to 24 Transports for one Tunnel  
Session Balancing



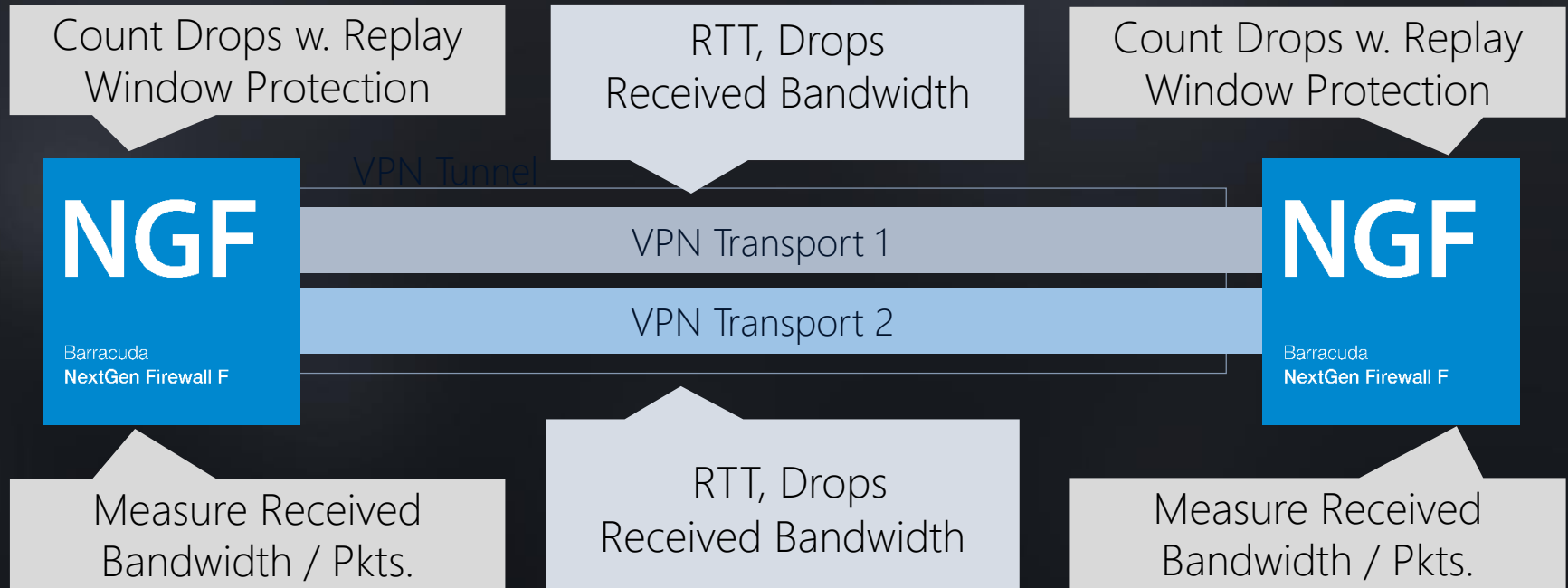


# WAN Compression

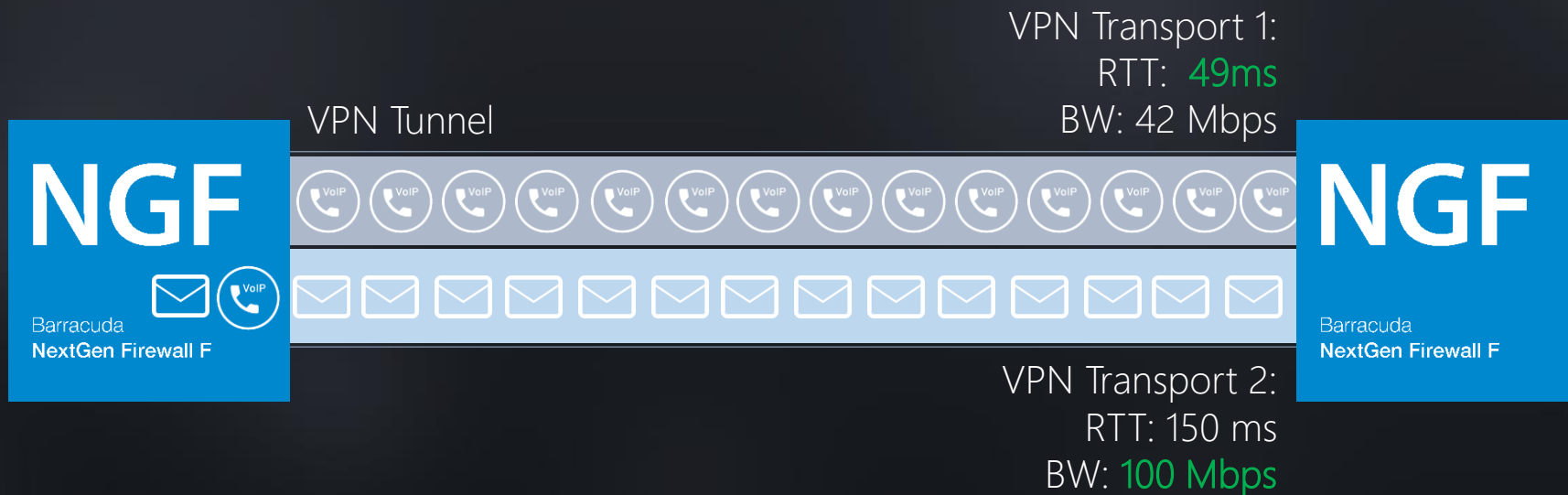
- De-Duplication & Data Caching
- Multiple Transport modes (Encapsulation)
- Compression (Stream/Packet)
- Application Acceleration



# Dynamic Bandwidth & Latency Detection



# Performance-Based Provider Selection 1/2



# Performance-Based Provider Selection

## 2/2

VPN Transport 1:

RTT: 120 ms

BW: 42 Mbps

VPN Tunnel



# NGF



Barracuda  
NextGen Firewall F

# NGF

Barracuda  
NextGen Firewall F

VPN Transport 2:

RTT: 87 ms

BW: 76 Mbps



# Traffic Replication (Mirroring)



Traffic is duplicated and mirrored on both transports

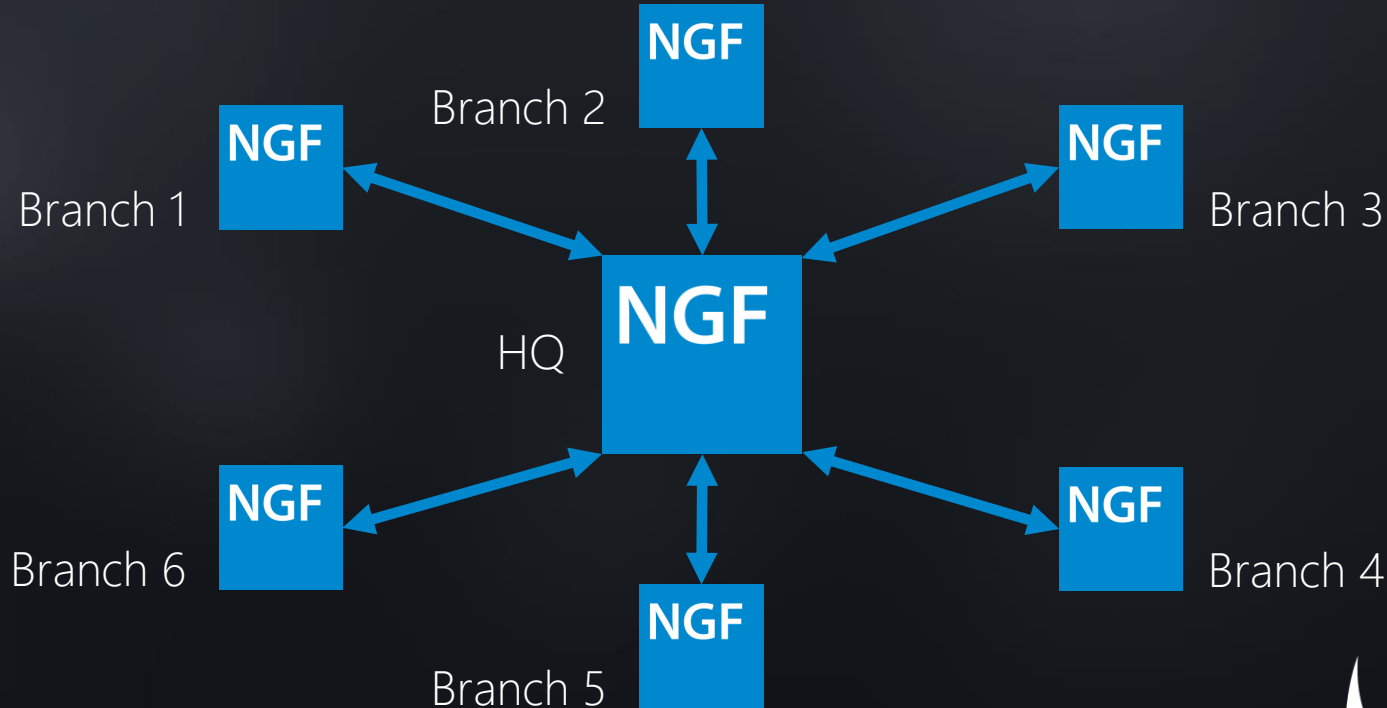




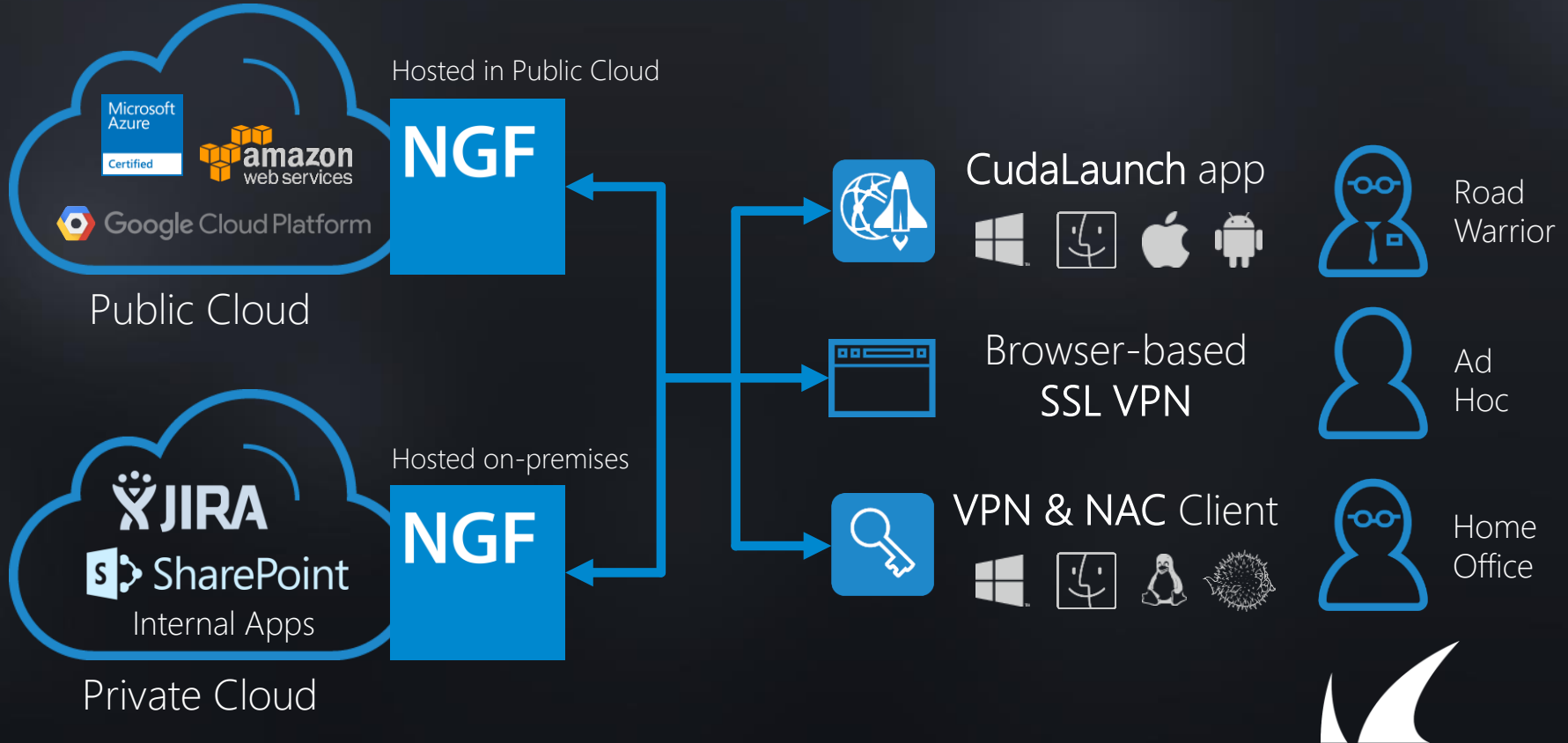


# Dynamic Meshed VPN

Classic Hub&Spoke setup



# User VPN access



# WEBINAR

## Barracuda NextGen Firewall F SD WAN

Martes 3 Abril 2018

11:00 am

Impartido por:

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Regional Sales Director

LATAM, Barracuda Networks



¡Inscríbete en el Stand #20!



# ¡Contáctanos!

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