

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





Connectivity &
Secure SD-WAN

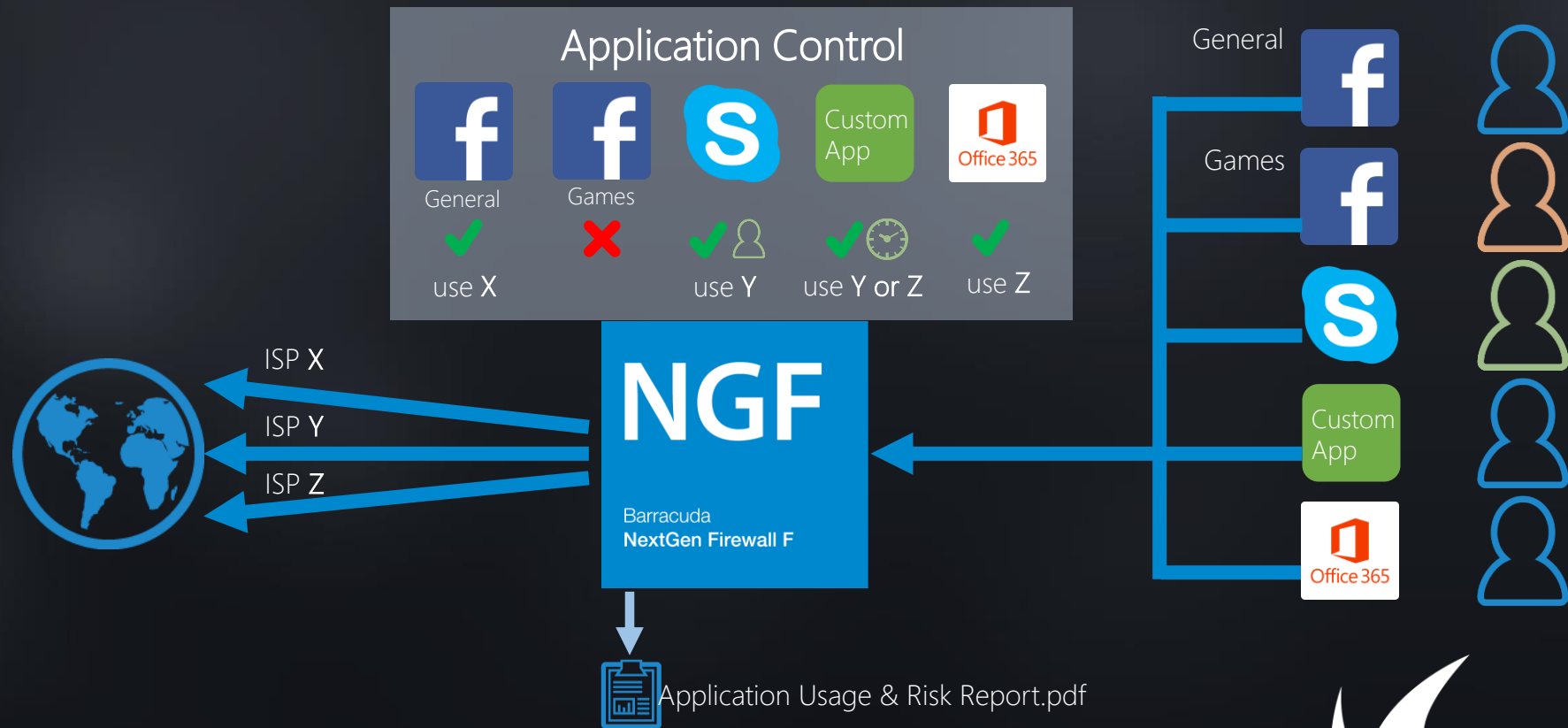


Caso de Éxito

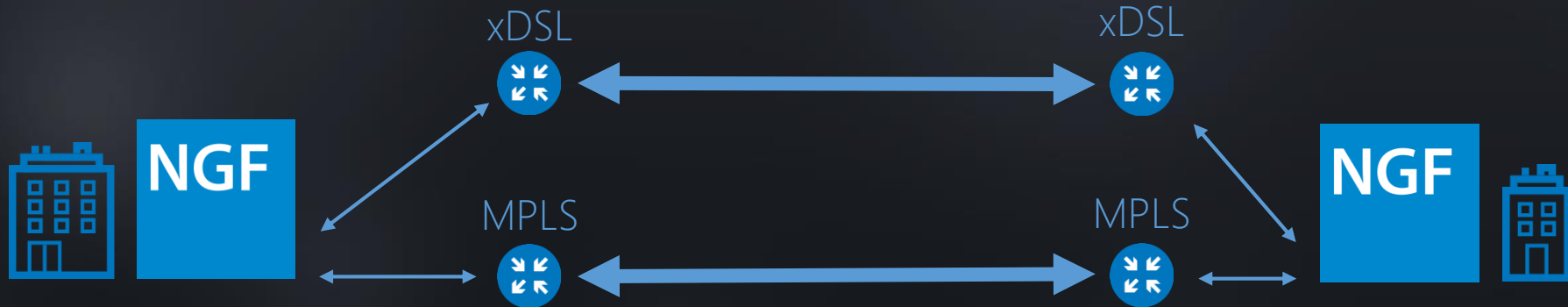
- Empresa Retail
- 380 tiendas, 5 Centros de Distribución, 1 Data Center
- Enlaces MPLS y 1 o 2 ADSLs por sitio
- Firewalls en cada sitio, site to site VPN IPSec de Sucursales a Datacenter
- Caída de conectividad por degradación o caída de MPLS o ADSL



Application-Based Provider Selection



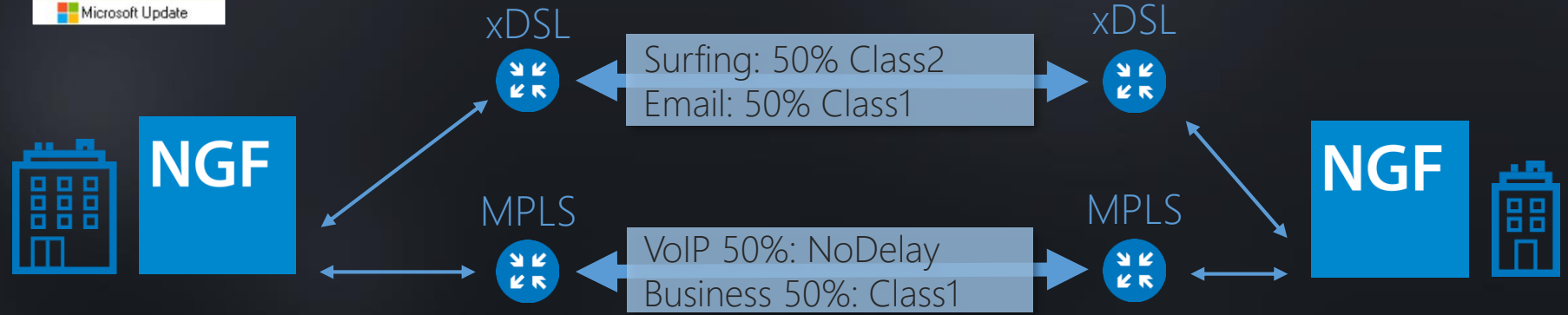
Traffic Intelligence / WAN Virtualization





Traffic Intelligence / WAN Virtualization

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



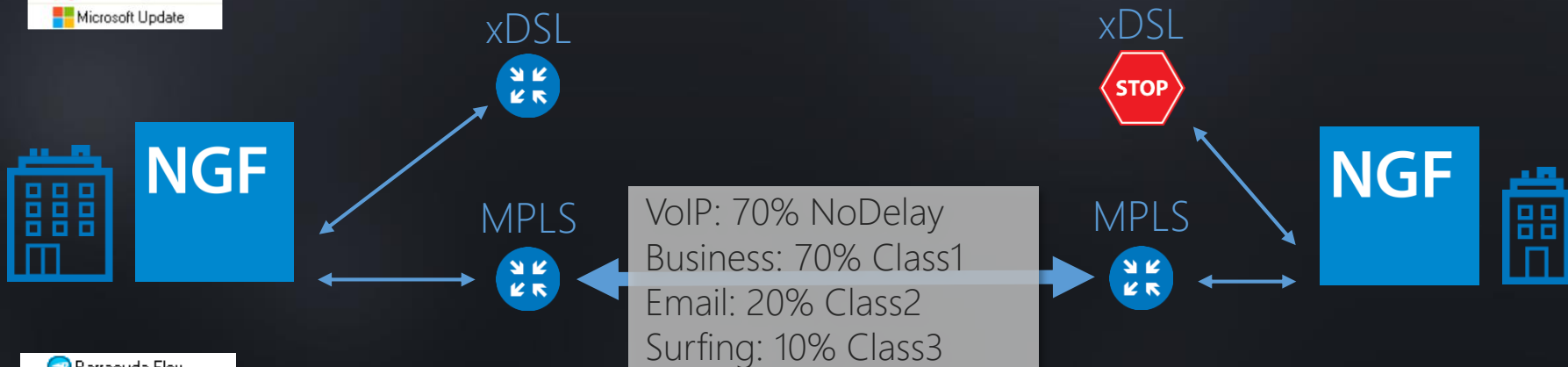
- Barracuda Flex
- Oracle Database
- Salesforce
- SAP



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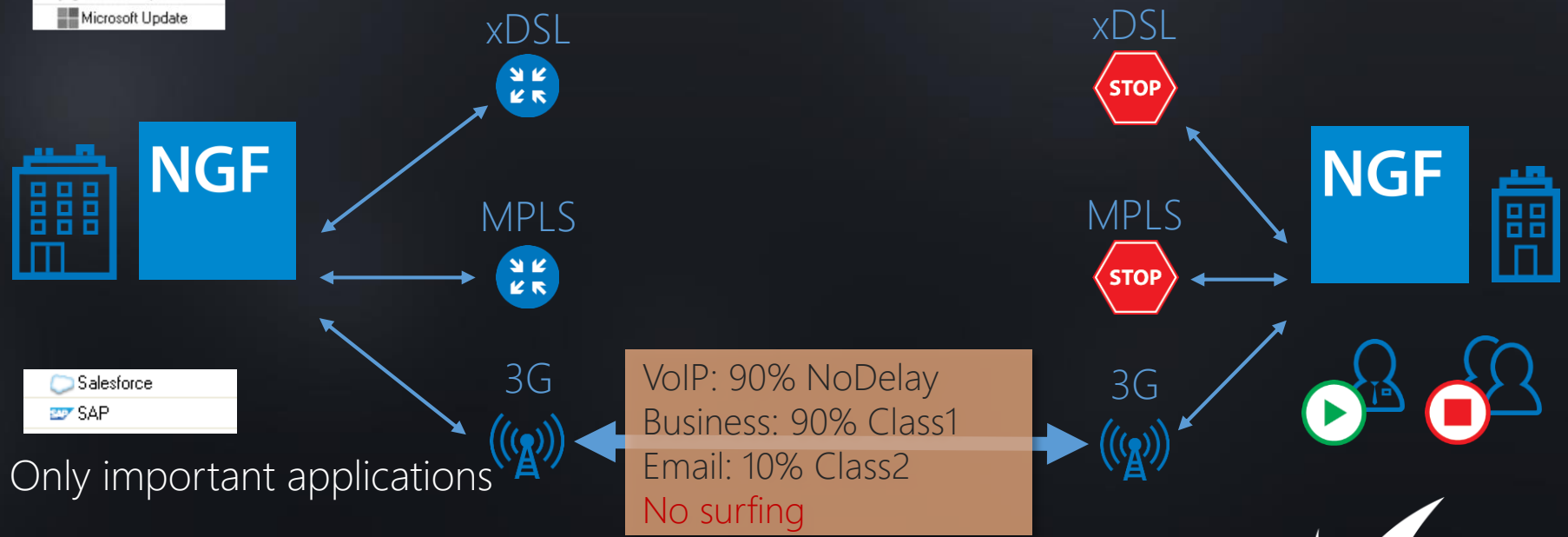




Traffic Intelligence / WAN Virtualization

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No surfing



Only important applications

VoIP: 90% NoDelay
 Business: 90% Class1
 Email: 10% Class2
 No surfing





Traffic Intelligence / WAN Virtualization

	Lotus Notes
	Webex
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	Avira AV Update
	Microsoft Update



xDSL



MPLS



3G



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

xDSL



MPLS



3G



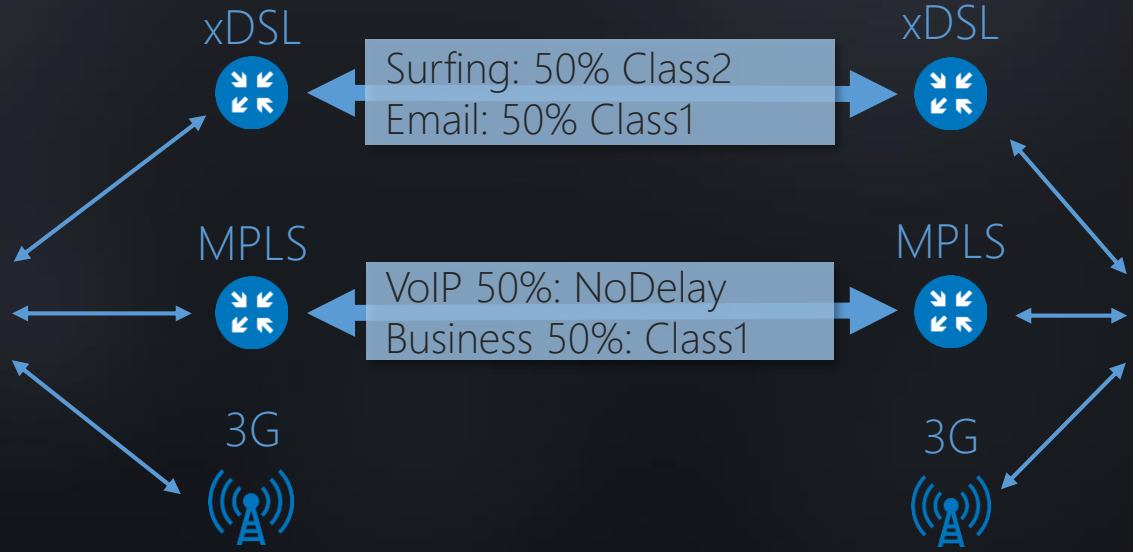
	Barracuda Flex
	Oracle Database
	Salesforce
	SAP





Traffic Intelligence / WAN Virtualization

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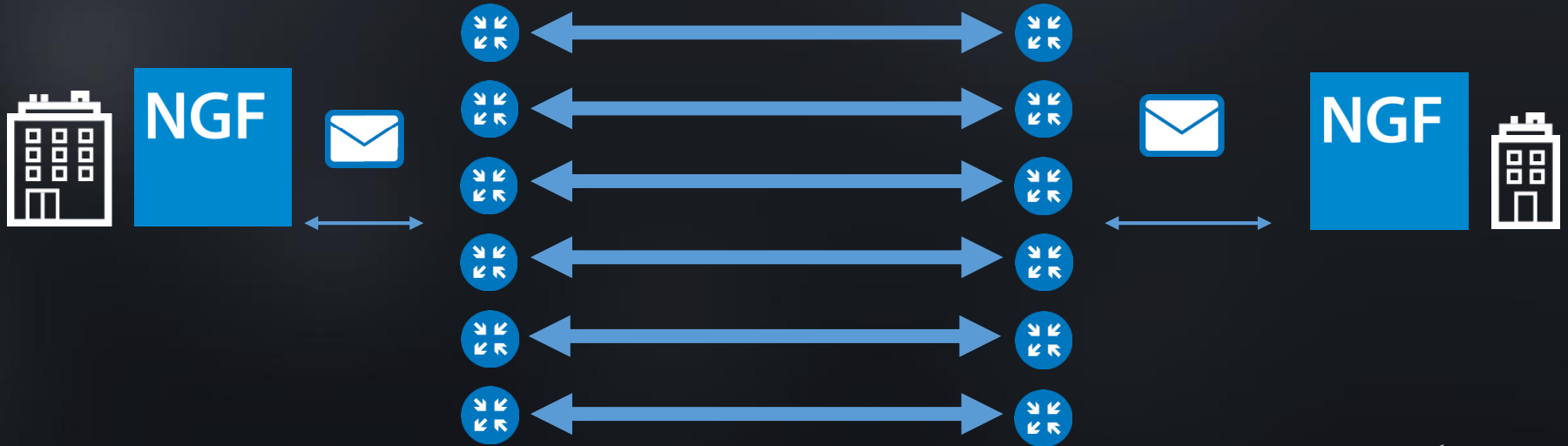
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Virtual WAN Balancing

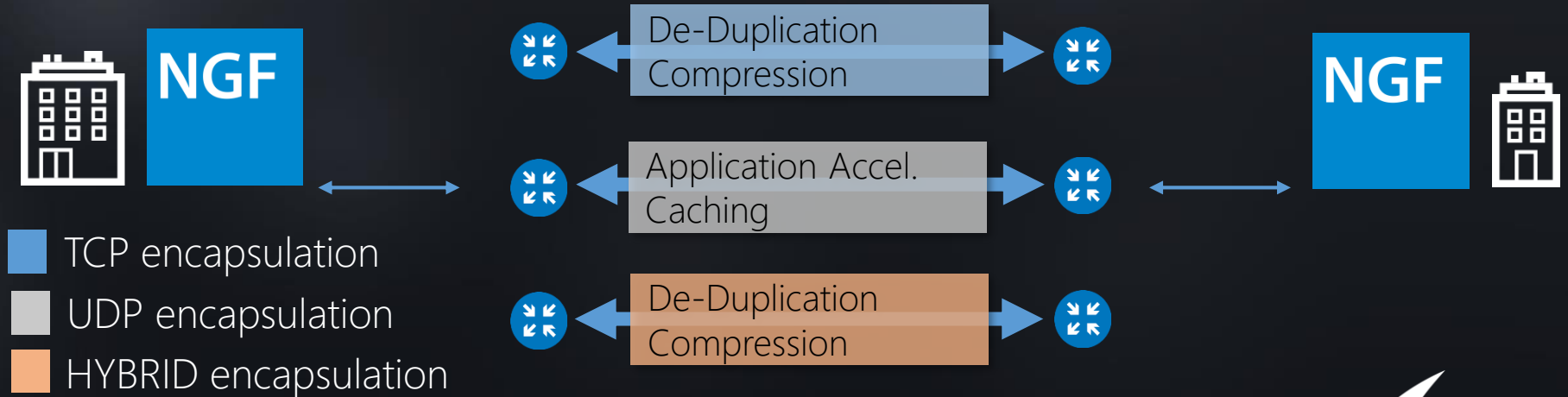
Up to 24 Transports for one Tunnel
Session Balancing



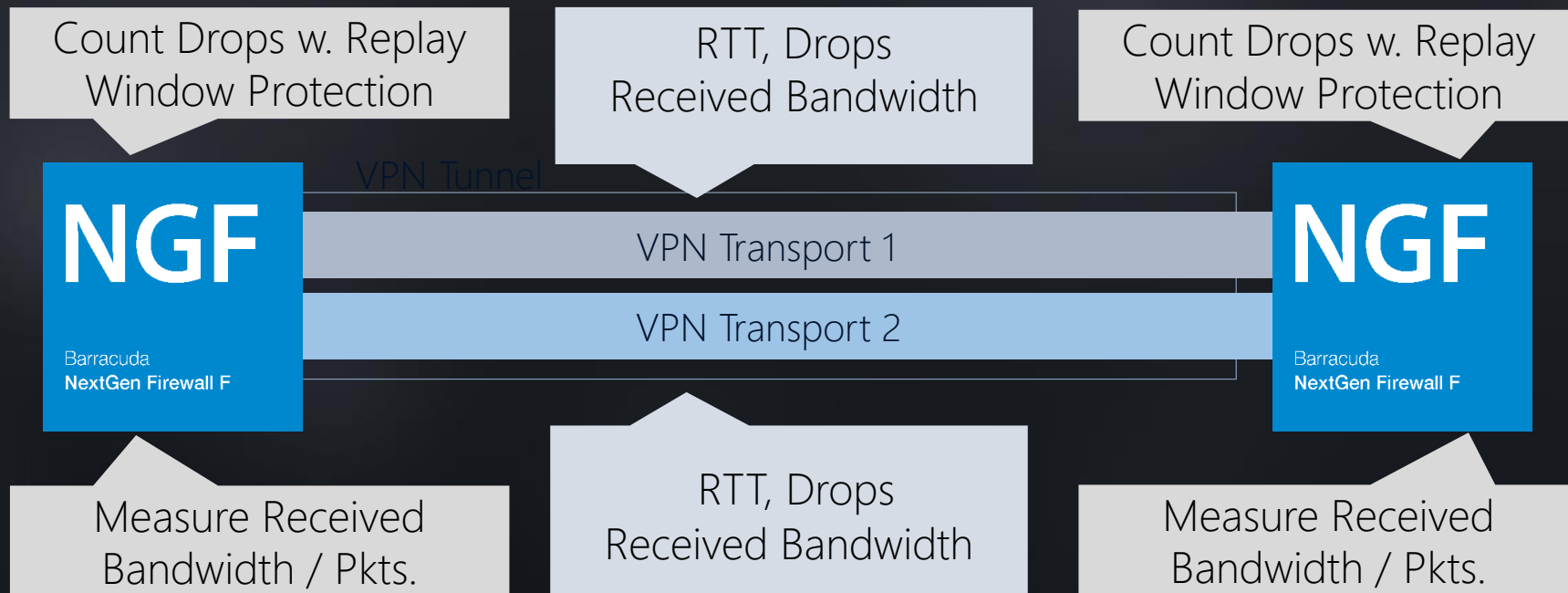


WAN Compression

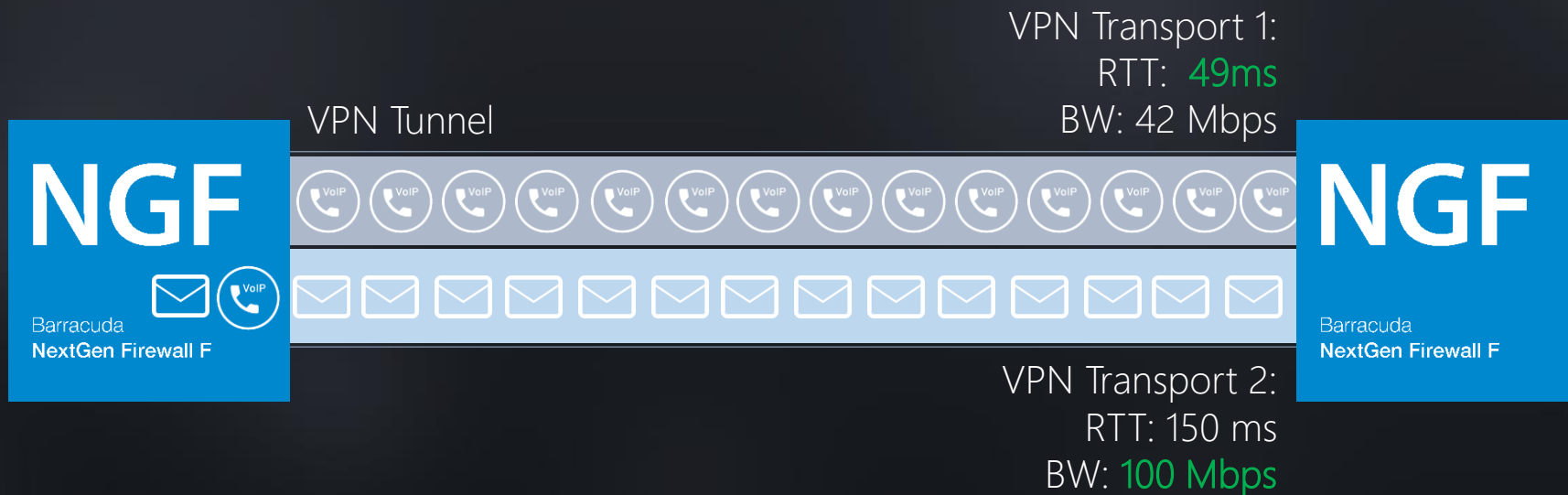
- De-Duplication & Data Caching
- Multiple Transport modes (Encapsulation)
- Compression (Stream/Packet)
- Application Acceleration



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)



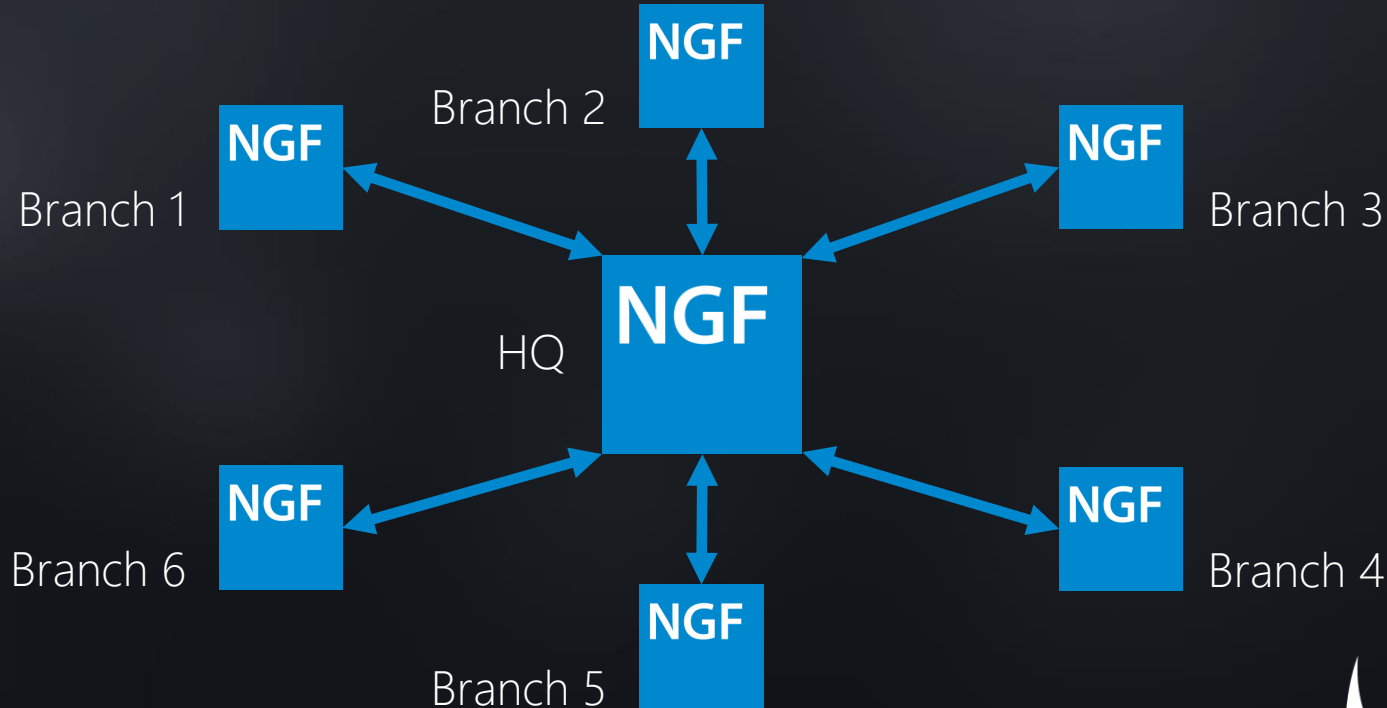
Traffic is duplicated and mirrored on both transports



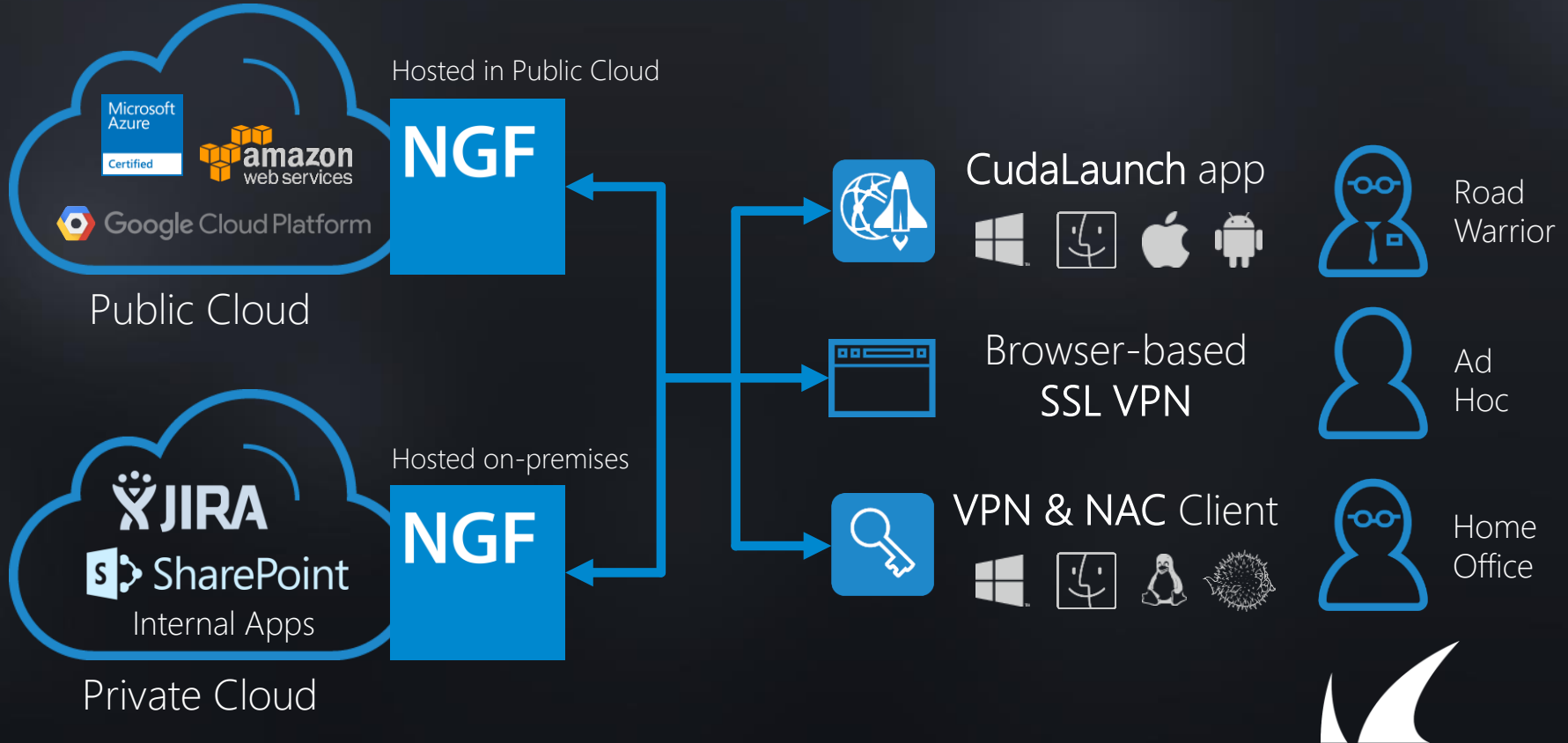


Dynamic Meshed VPN

Classic Hub&Spoke setup



User VPN access



WEBINAR

Barracuda NextGen Firewall F SD WAN

Martes 3 Abril 2018

11:00 am

Impartido por:

Ismael Toscano Sánchez

Regional Sales Director

LATAM, Barracuda Networks

¡Inscríbete en el Stand #20!



¡Contáctanos!

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