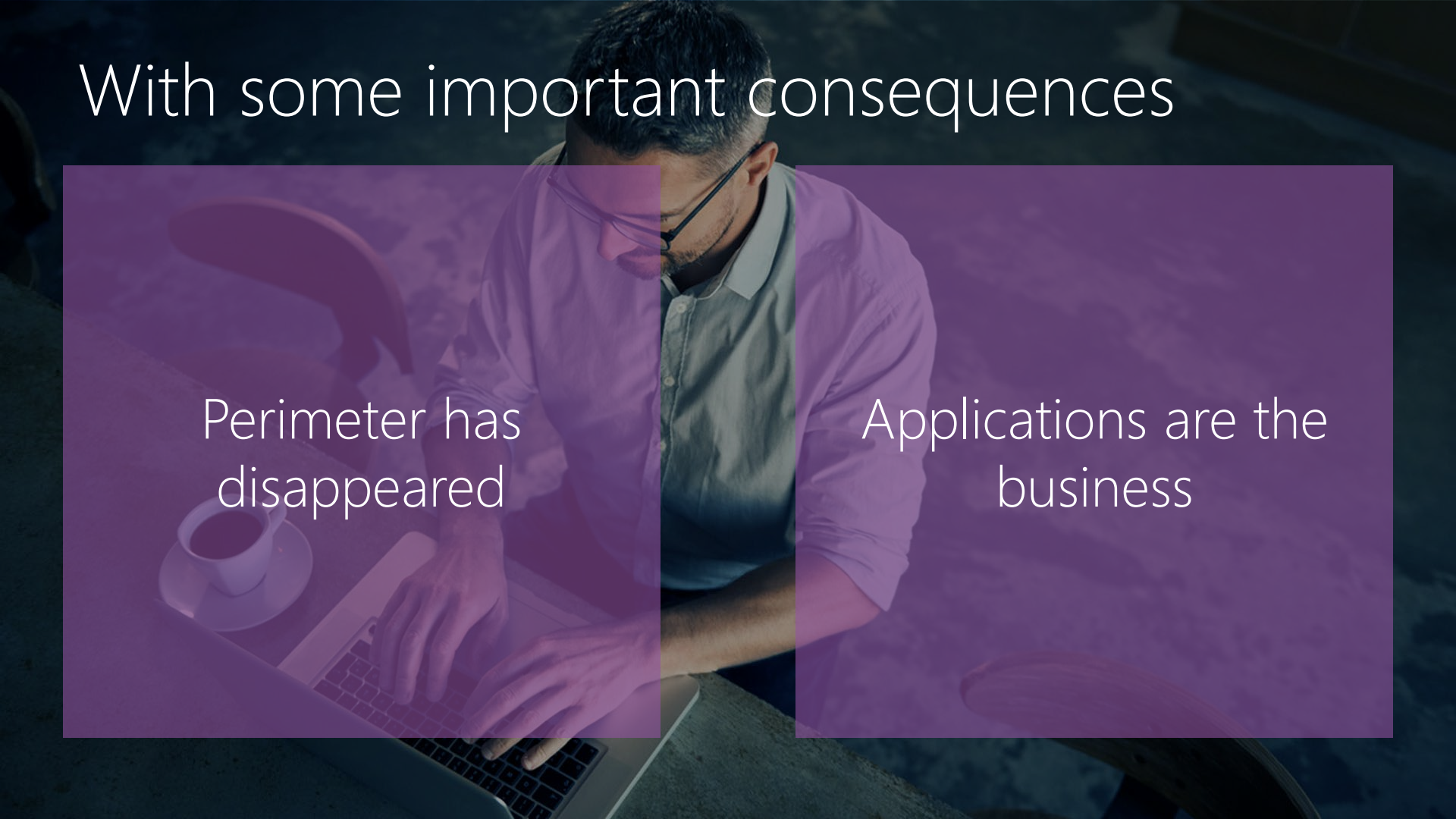
Barracuda
TECHSUMMIT19
BARRACUDA TECHNICAL SUMMIT
CGF8 and beyond
Secure connectivity automation

Digital transformation is here –
Cloud is the new normal

With some important consequences

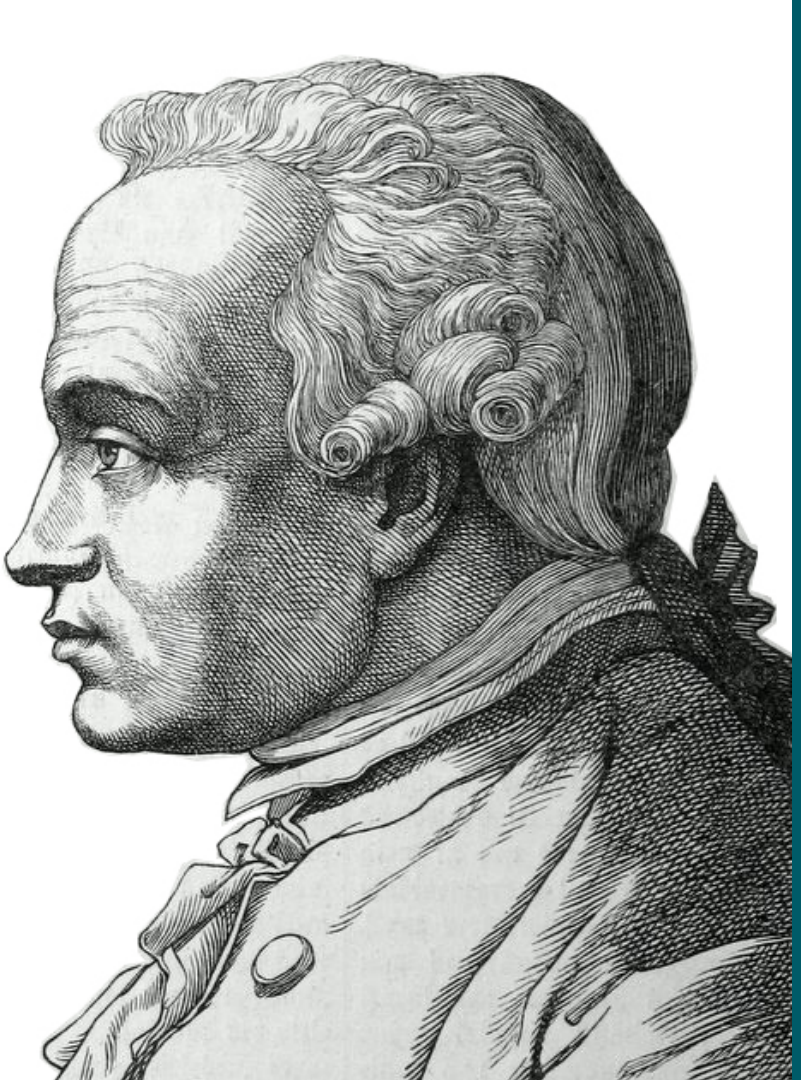


Perimeter has disappeared

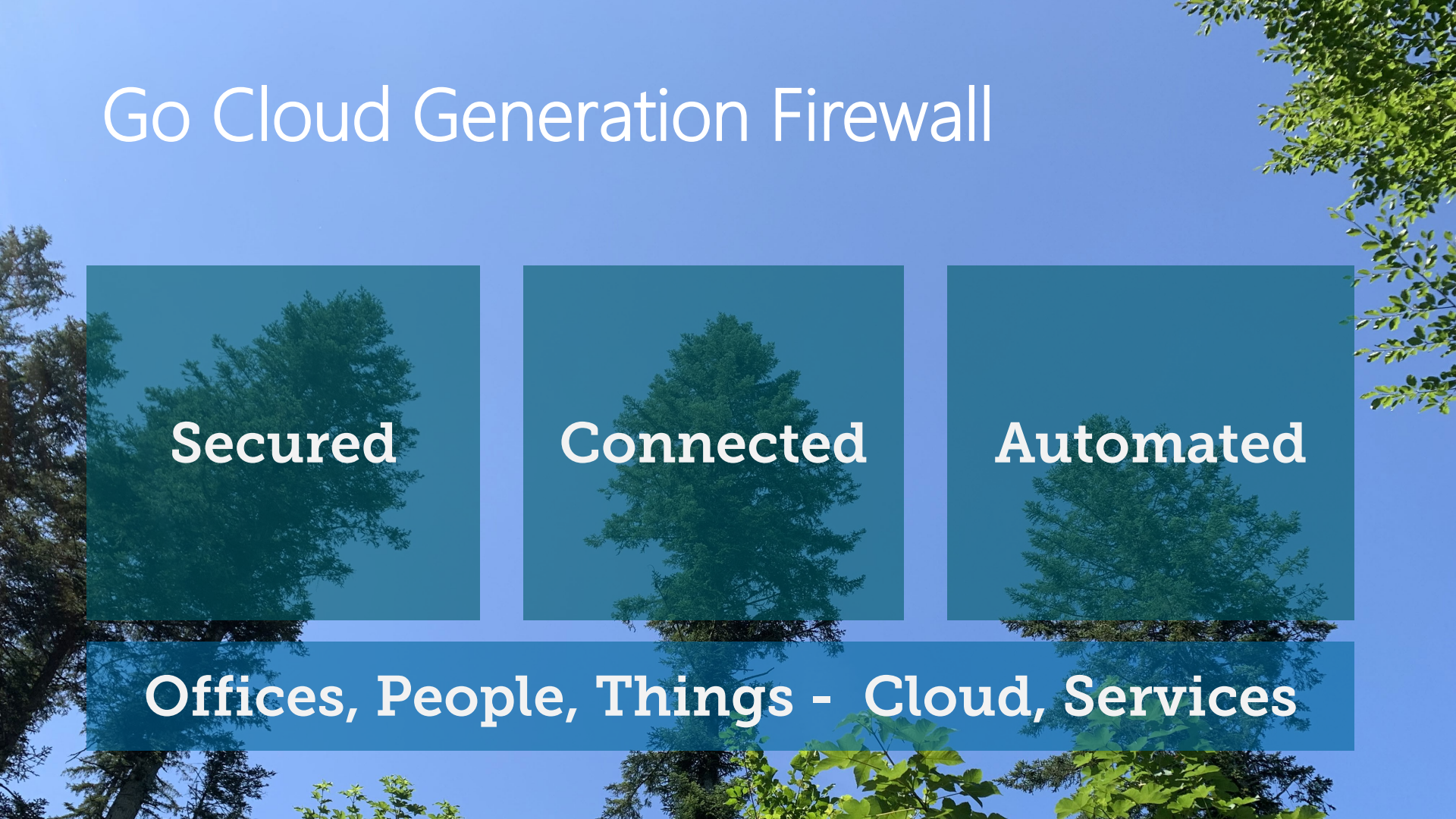
Applications are the business

What shall one do?

Immanuel Kant (1781)
& Wieland Alge (2008)

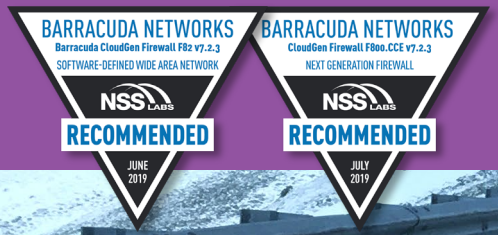


Go Cloud Generation Firewall



Since we last met here …

3rd Party Testing



Azure vWAN

DIY WAN

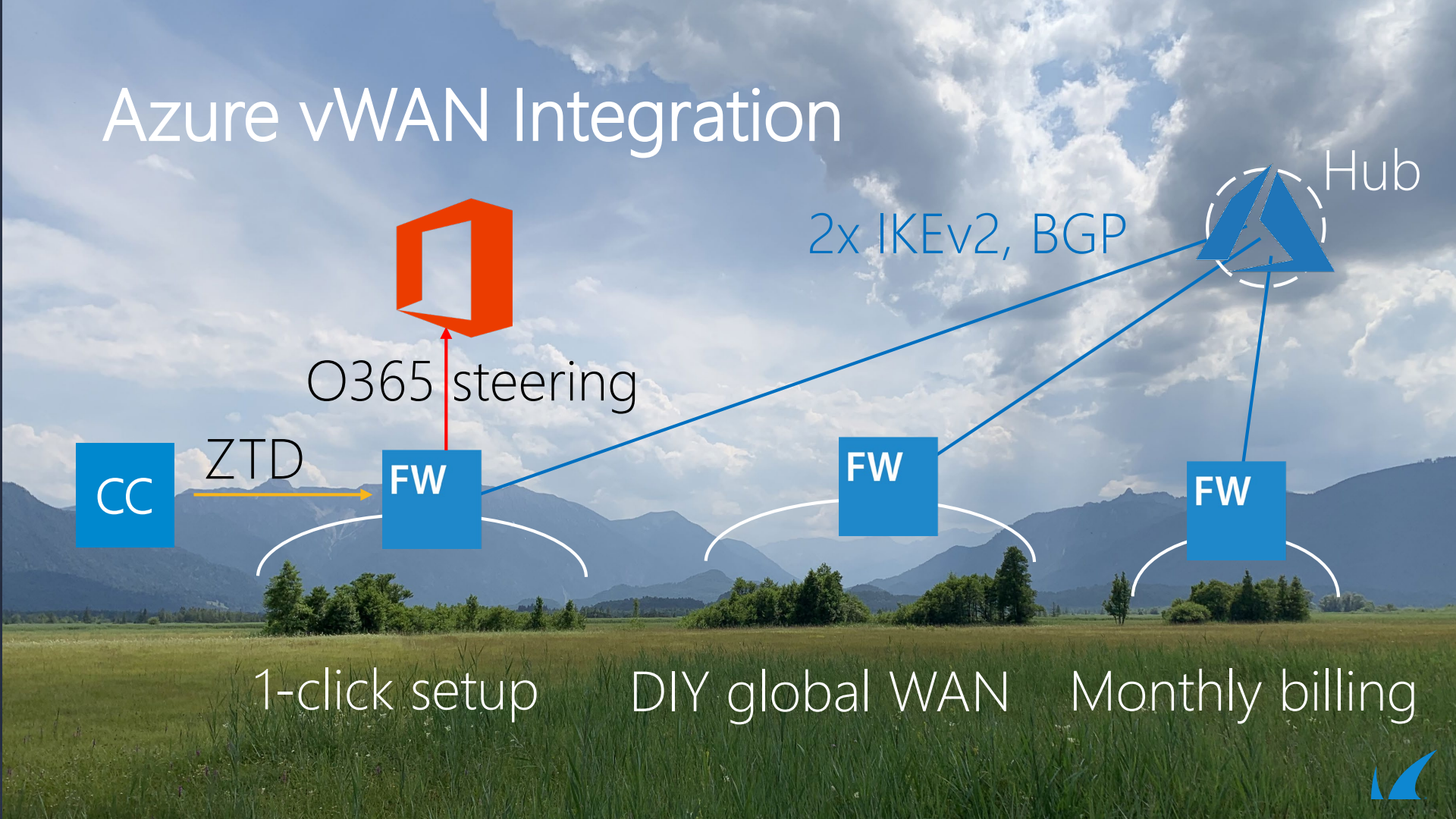
Firewall Insights

Reporting

Top SD-WAN performance

Get the complimentary report off our website

Azure vWAN Integration



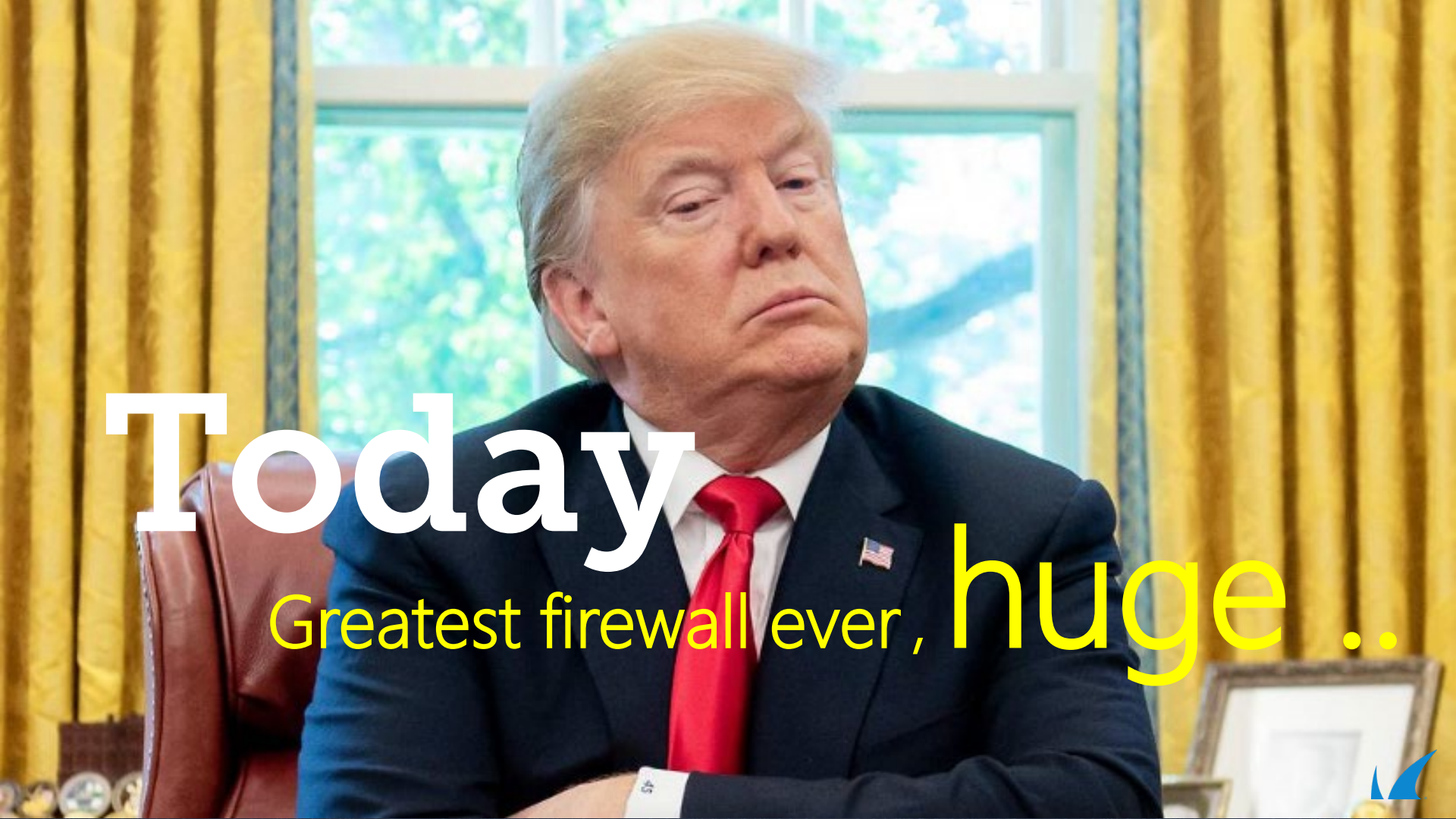
1-click setup DIY global WAN Monthly billing

Firewall Insights

100+ predefined reports
Security, web, network, SD-WAN performance

Min requirements
2 TB storage, 32 GB RAM, 8 Cores
CGF firmware 7.2.4 or higher

10
years
of
FW
SUCCESS


Today
Greatest firewall ever , huge ..

Two days ago
CGF8
True 64bit
Kernel 4.14
New Config.

Massive impact

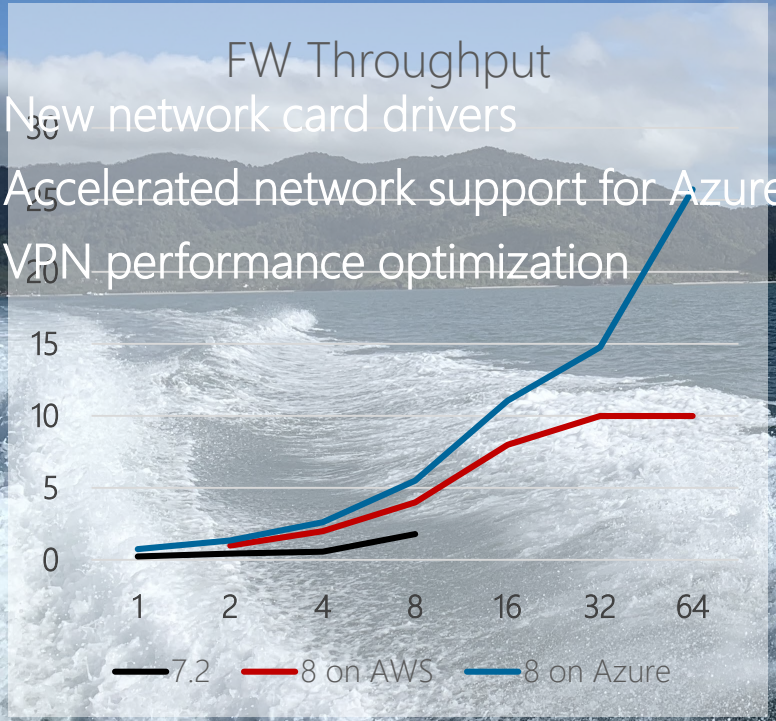
Explore CGF8

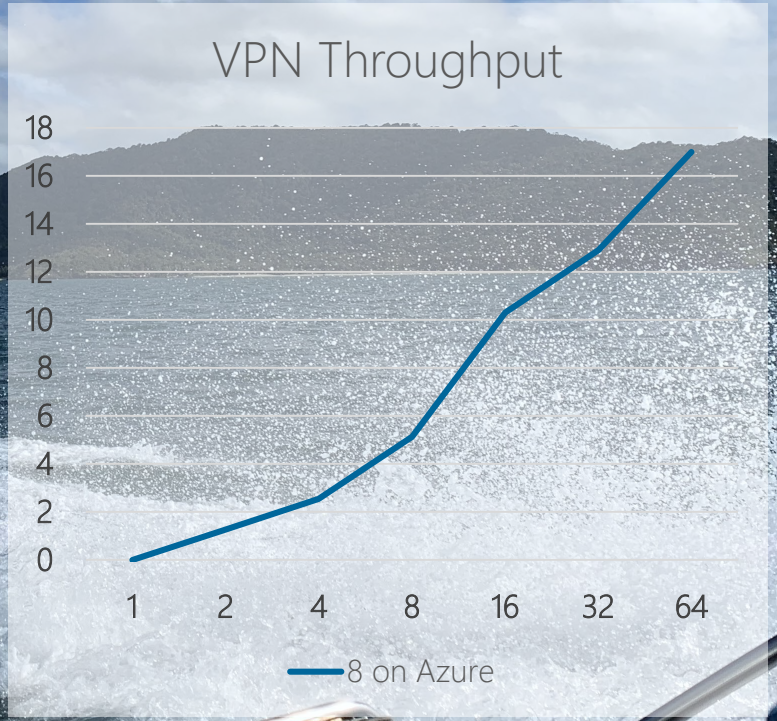
Better performance

New network card drivers

Accelerated network support for Azure

VPN performance optimization





A new config tree ..... ease of use

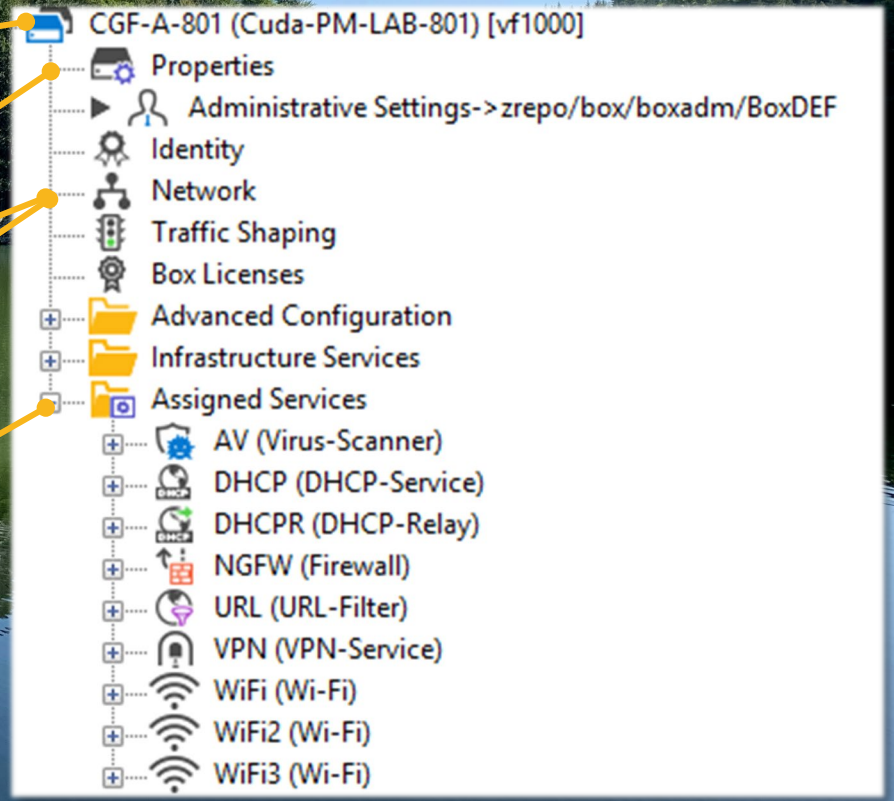
Clarity, simplicity, tranquility

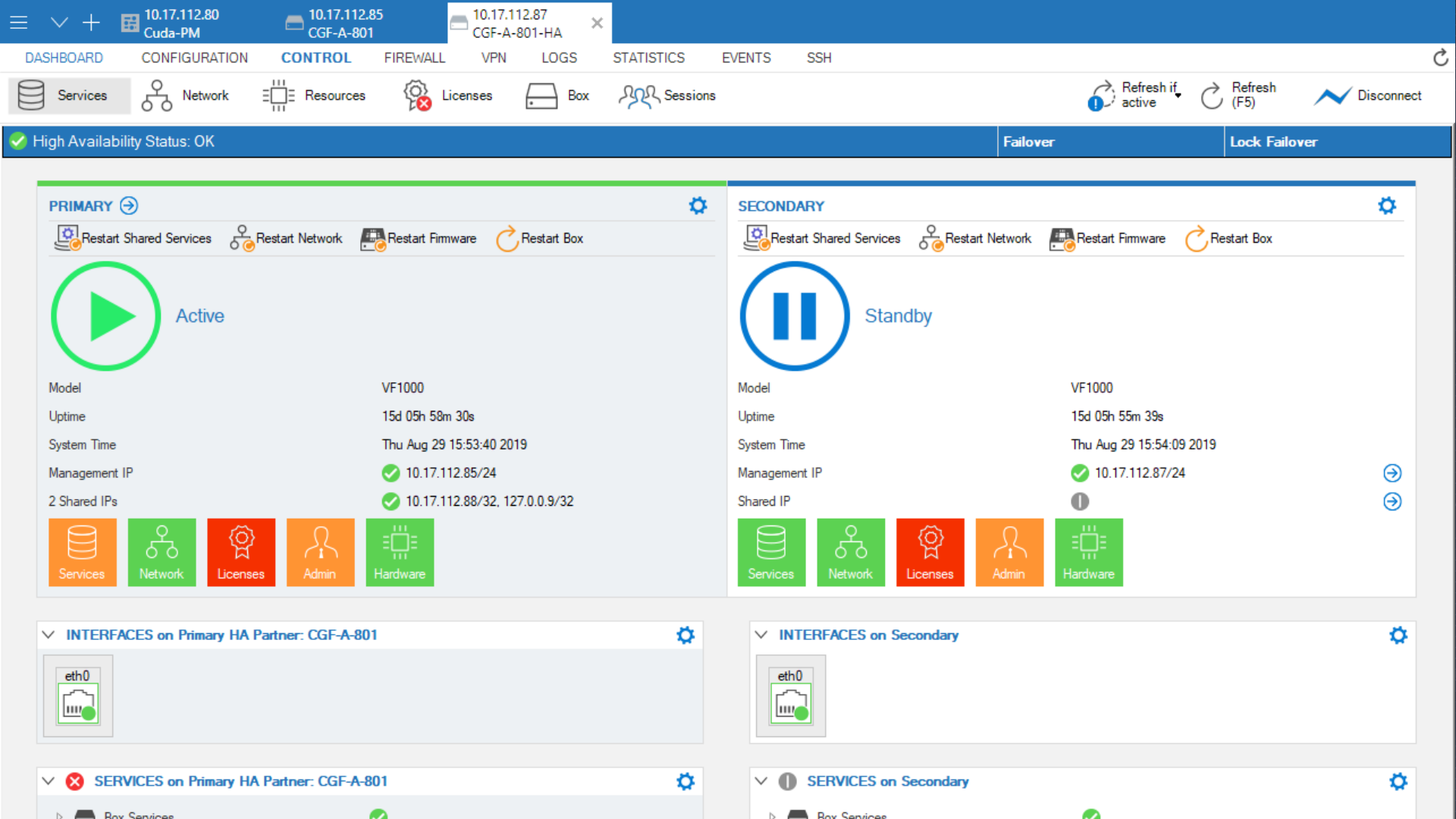
HA as a box property

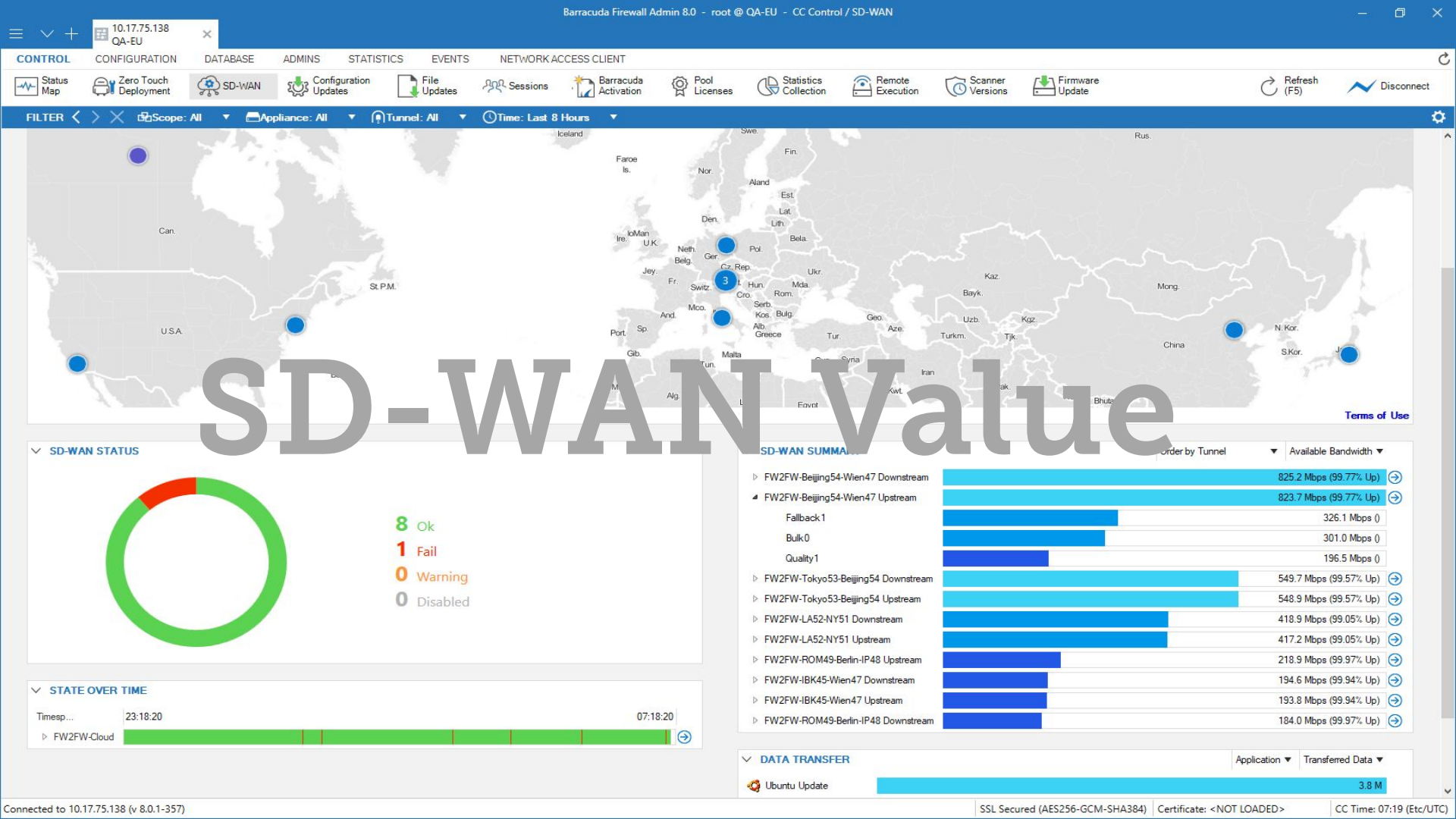
HA params

One-stop shop all IP

Virtual server invisible

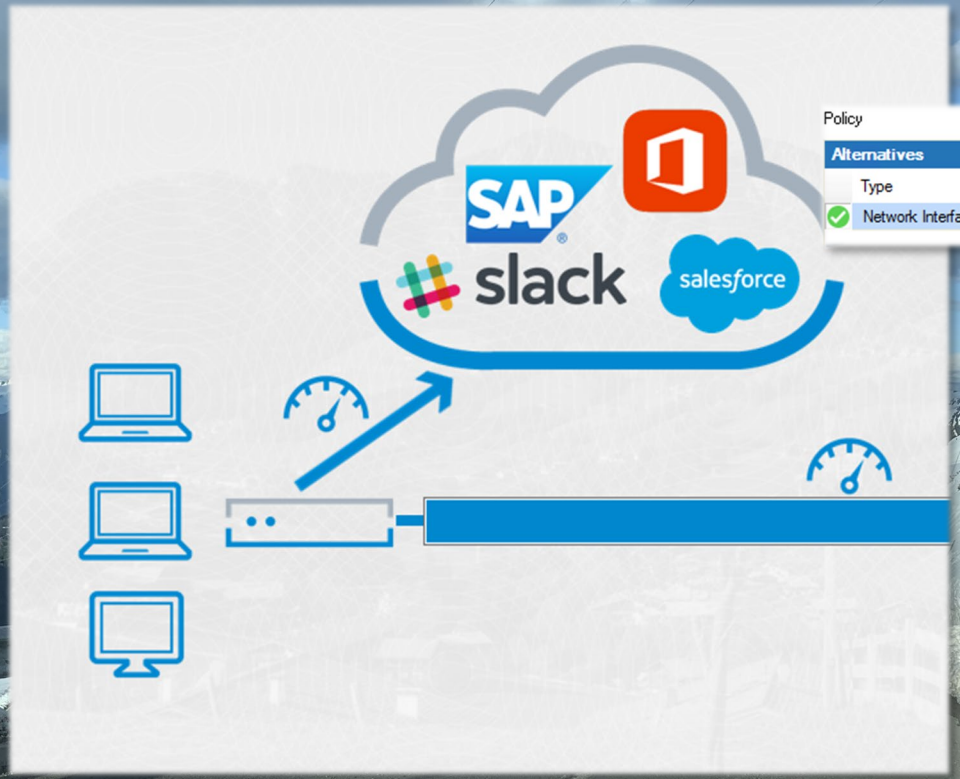


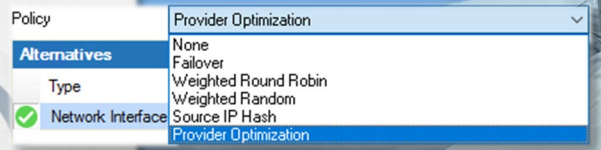

10.17.112.80
Cuda-PM
10.17.112.85
CGF-A-801
10.17.112.87
CGF-A-801-HA
DASHBOARD
CONFIGURATION
CONTROL
FIREWALL
VPN
LOGS
STATISTICS
EVENTS
SSH
Services
Network
Resources
Licenses
Box
Sessions
Refresh if active
Refresh (F5)
Disconnect
High Availability Status: OK
Failover
Lock Failover
PRIMARY
Restart Shared Services
Restart Network
Restart Firmware
Restart Box
Active
Model VF1000
Uptime 15d 05h 58m 30s
System Time Thu Aug 29 15:53:40 2019
Management IP 10.17.112.85/24
2 Shared IPs 10.17.112.88/32, 127.0.0.9/32
Services
Network
Licenses
Admin
Hardware
SECONDARY
Restart Shared Services
Restart Network
Restart Firmware
Restart Box
Standby
Model VF1000
Uptime 15d 05h 55m 39s
System Time Thu Aug 29 15:54:09 2019
Management IP 10.17.112.87/24
Shared IP
Services
Network
Licenses
Admin
Hardware
INTERFACES on Primary HA Partner: CGF-A-801
eth0
INTERFACES on Secondary
eth0
SERVICES on Primary HA Partner: CGF-A-801
SERVICES on Secondary


Barracuda Firewall Admin 8.0 - root @ QA-EU - CC Control / SD-WAN
10.17.75.138
QA-EU
CONTROL
CONFIGURATION
DATABASE
ADMINS
STATISTICS
EVENTS
NETWORK ACCESS CLIENT
Status Map
Zero Touch Deployment
SD-WAN
Configuration Updates
File Updates
Sessions
Barracuda Activation
Pool Licenses
Statistics Collection
Remote Execution
Scanner Versions
Firmware Update
Refresh (F5)
Disconnect
FILTER
Scope: All
Appliance: All
Tunnel: All
Time: Last 8 Hours
Terms of Use
SD-WAN STATUS
8 Ok
1 Fail
0 Warning
0 Disabled
STATE OVER TIME
Timesp...
23:18:20
07:18:20
FW2FW-Cloud
SD-WAN SUMMARY
Order by Tunnel
Available Bandwidth
FW2FW-Beijing54-Wien47 Downstream
825.2 Mbps (99.77% Up)
FW2FW-Beijing54-Wien47 Upstream
823.7 Mbps (99.77% Up)
Fallback1
326.1 Mbps ()
Bulk0
301.0 Mbps ()
Quality1
196.5 Mbps ()
FW2FW-Tokyo53-Beijing54 Downstream
549.7 Mbps (99.57% Up)
FW2FW-Tokyo53-Beijing54 Upstream
548.9 Mbps (99.57% Up)
FW2FW-LA52-NY51 Downstream
418.9 Mbps (99.05% Up)
FW2FW-LA52-NY51 Upstream
417.2 Mbps (99.05% Up)
FW2FW-ROM49-Berlin-IP48 Upstream
218.9 Mbps (99.97% Up)
FW2FW-IBK45-Wien47 Downstream
194.6 Mbps (99.94% Up)
FW2FW-IBK45-Wien47 Upstream
193.8 Mbps (99.94% Up)
FW2FW-ROM49-Berlin-IP48 Downstream
184.0 Mbps (99.97% Up)
DATA TRANSFER
Application
Transferred Data
Ubuntu Update
3.8 M
Connected to 10.17.75.138 (v 8.0.1-357)
SSL Secured (AES256-GCM-SHA384)
Certificate: <NOT LOADED>
CC Time: 07:19 (Etc/UTC)

SD-WAN Value

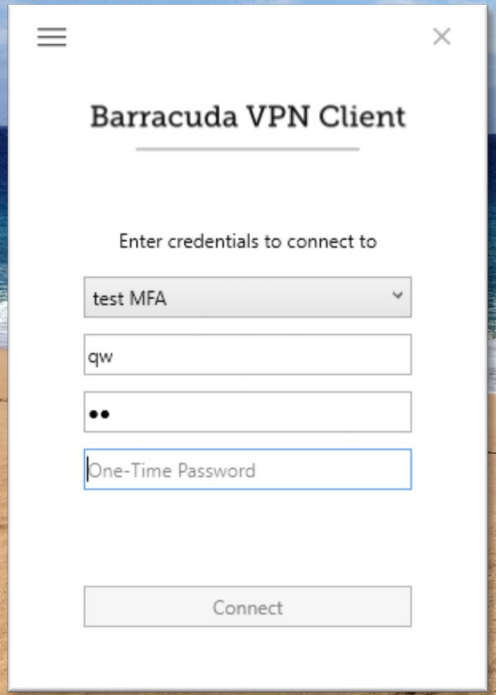
SD-WAN & DIA path optimization



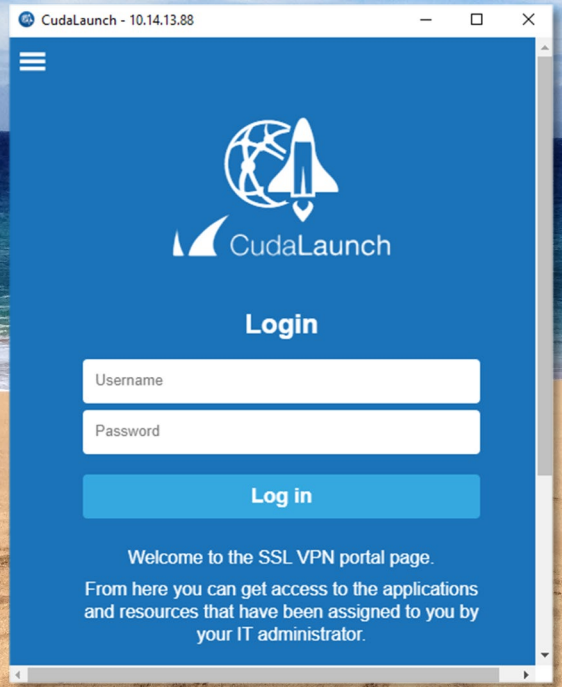


MFA & TOTPs (RFC 6238)

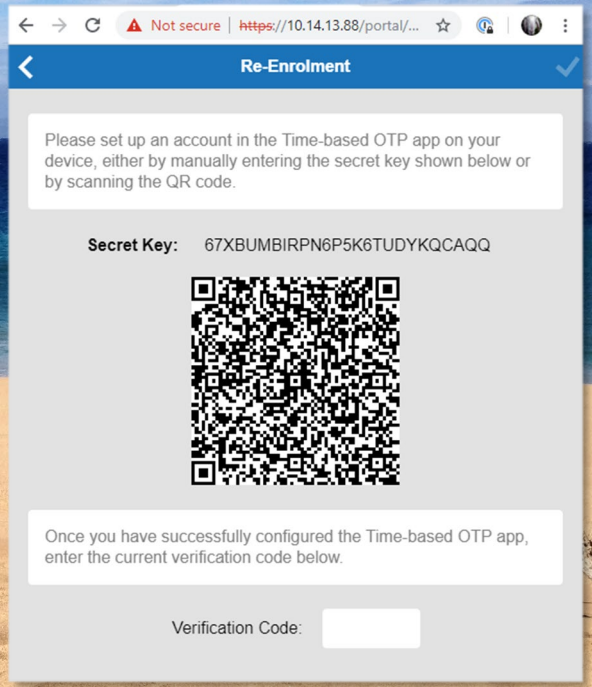
VPN Client



CudaLaunch

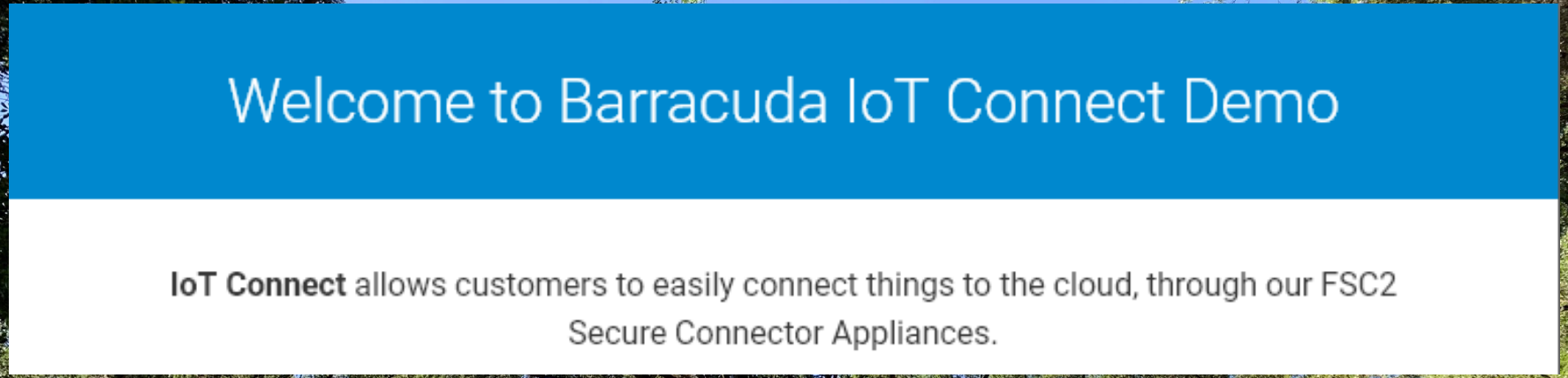


Bulk or self-enrolment



The road beyond CGF8

Introducing Barracuda IoT Connect



Cloud service hosted by Barracuda

Barracuda IoT Connect

guest@barracuda.com

DASHBOARD | SCs | TEMPLATES | AUDIT LOG | SETTINGS

Dashboard

Cloud Infrastructure Status

Managed SC Status: OK

SC Configuration Status: Warning

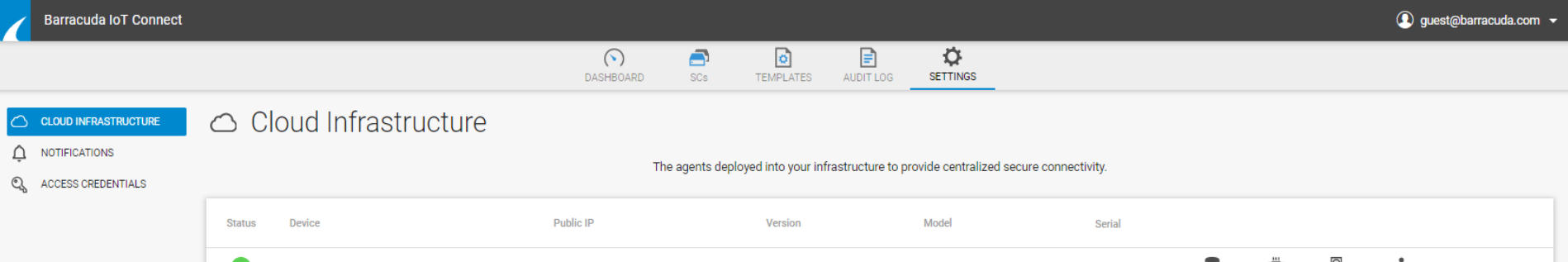
VPN Tunnel Status: Warning

2 Unconfigured
2 Deploying
16 Managed

VPN Tunnel Locations

Recent Administrative Events: OK

Recent Firewall Events: OK



Automated

Leverages customer's own cloud subscription to stand up CC and SAC

Billing through our IoT connect – FSC2 ordered separately

Config deployment through zero-touch service

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Hardware innovation

Launch
Q1 2020

Launch
Q4 2019

TINA in the skies
„Project Tesseract“

Imagine a product

Ease of use of vWAN

Power of TINA SD-WAN

Zero policy config

CGF8 and more – fit for the future
Check Out Firewall Insights
Check out IoT Connect
Enjoy the show

Thank you
Barracuda
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