Citrix Networking

for Hybrid Multi-Cloud

Jan 2019

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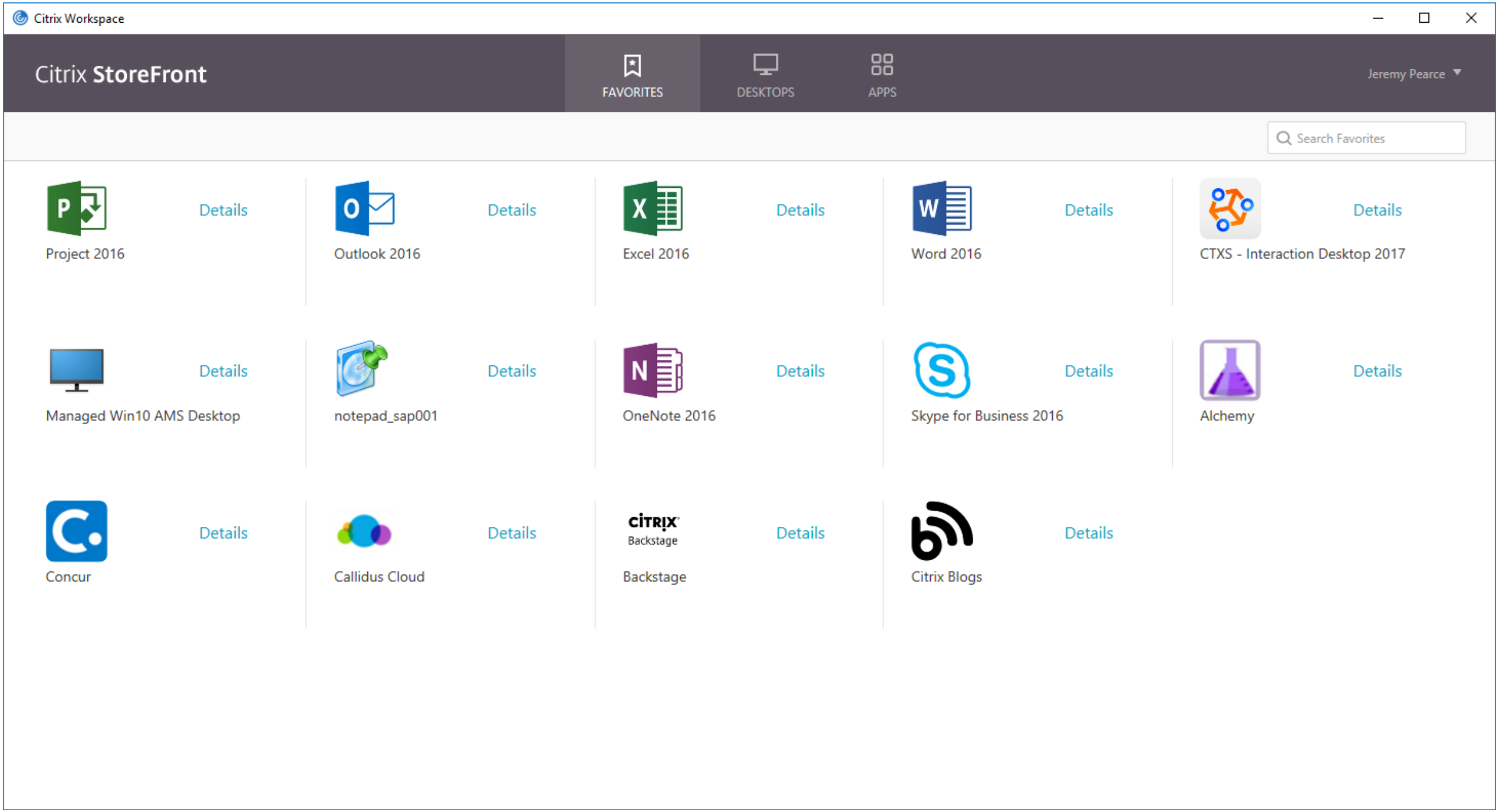
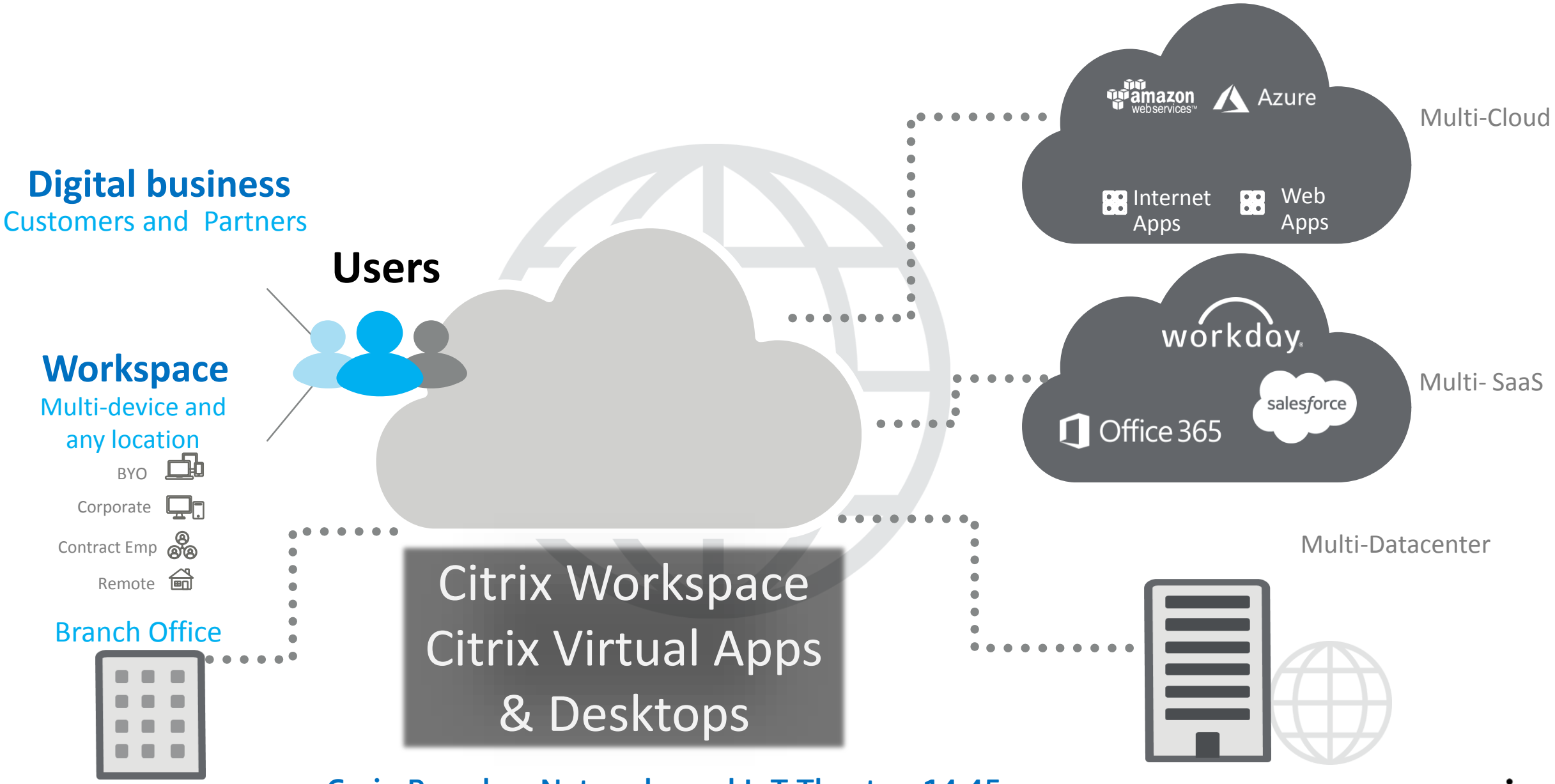

Citrix Workspace
Citrix StoreFront
FAVORITES
DESKTOPS
APPS
Jeremy Pearce
Search Favorites
Details
Project 2016
Details
Outlook 2016
Details
Excel 2016
Details
Word 2016
Details
CTXS - Interaction Desktop 2017
Details
Managed Win10 AMS Desktop
Details
notepad_sap001
Details
OneNote 2016
Details
Skype for Business 2016
Details
Alchemy
Details
Concur
Details
Callidus Cloud
Details
Backstage
Details
Citrix Blogs

Access to apps and content to work anywhere



Craig Bramley, Networks and IoT Theatre, 14:45pm

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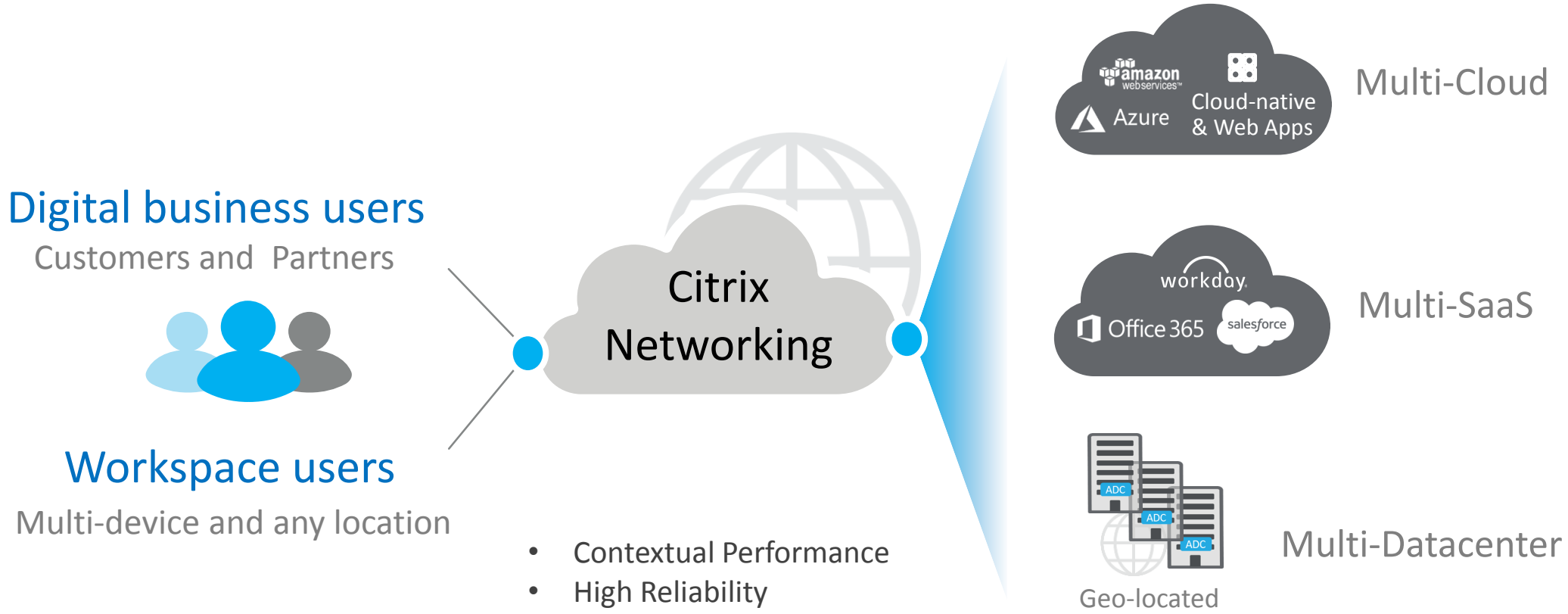
Deliver world-class experience to users anywhere



- Contextual Performance
- High Reliability
- Micro-services support
- Secure Access & App Firewall
- Business Continuity & Compliance

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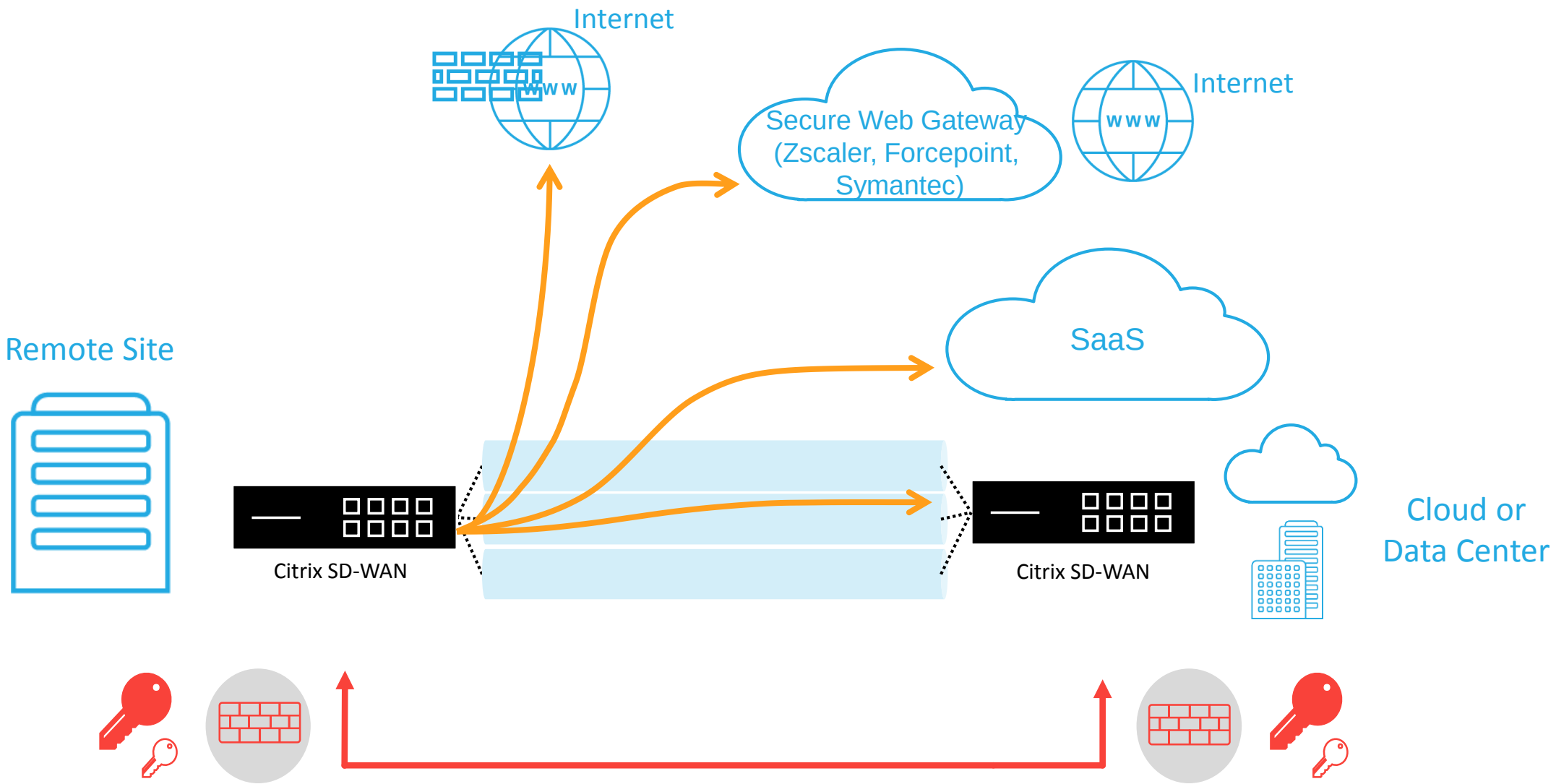
Security, Performance and Resiliance



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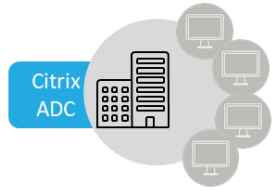
Experience driven app steering

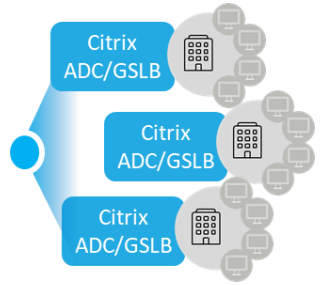
Citrix ITM
Intelligent Traffic Management

Digital business users

Internet facing apps



Datacenter



Multi-Datacenter
Geo located

Visualizer
Internet path visibility

Optimizer
Intelligent traffic steering

Eliminate the blind-spot

Give IT the control they need

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CITRIX

Citrix Intelligent Traffic Management

Crowd sourced live Internet performance data

Citrix ITM Radar Live

https://live.cedexis.com

Citrix ITM Performance Visualiser

https://itm.cloud.com/performance/

~900,000,000 user per day

~10,000,000,000 measurement per day

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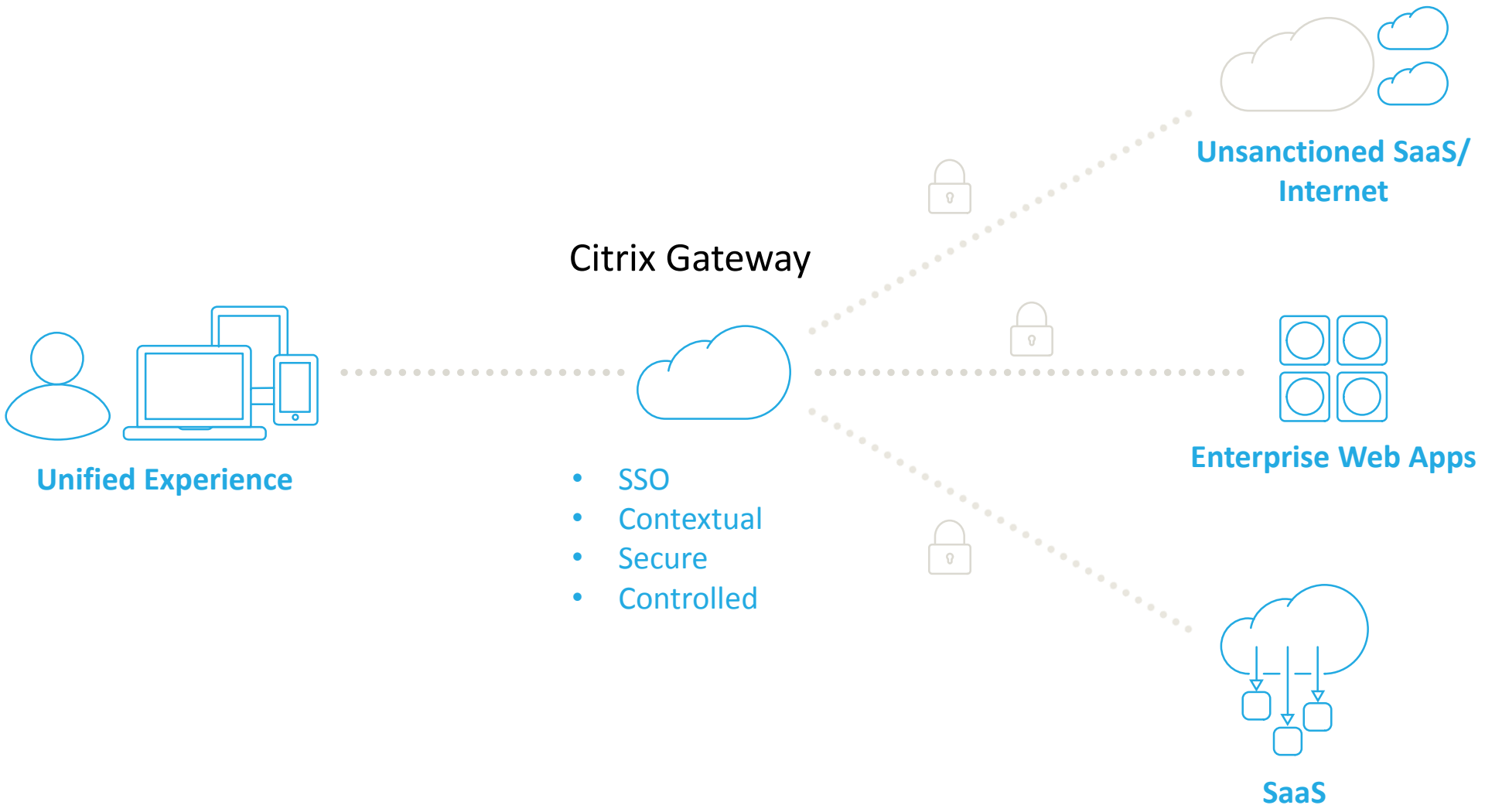
Contextual single access – bring the HMC together

One integrated solution to achieve secure access regardless of where applications are deployed



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Differentiated

Gateway

10,000+ customers and counting

- SSO and MFA for SaaS, VDI and corporate web apps
- Support for MS RDP, PCoIP*, Micro-VPN for mobile app sessions
- Secure access for Citrix Virtual Apps and Desktops on-premises or cloud services
- Web Filtering
- Cloud App Control
- Historical insights
- On-prem or Citrix service; available on Azure & AWS

* VMW Horizon

Citrix ADC Leading the Way

25,000+

Customers Worldwide
and Counting

3 Major

Hyperscale Cloud Providers,
Each with 10K+ Units

MQ Leader

Gartner MQ Leader for Last
10 Years

"Consider Citrix for all ADC opportunities, worldwide."

Gartner- Market Guide to Application Delivery Controllers

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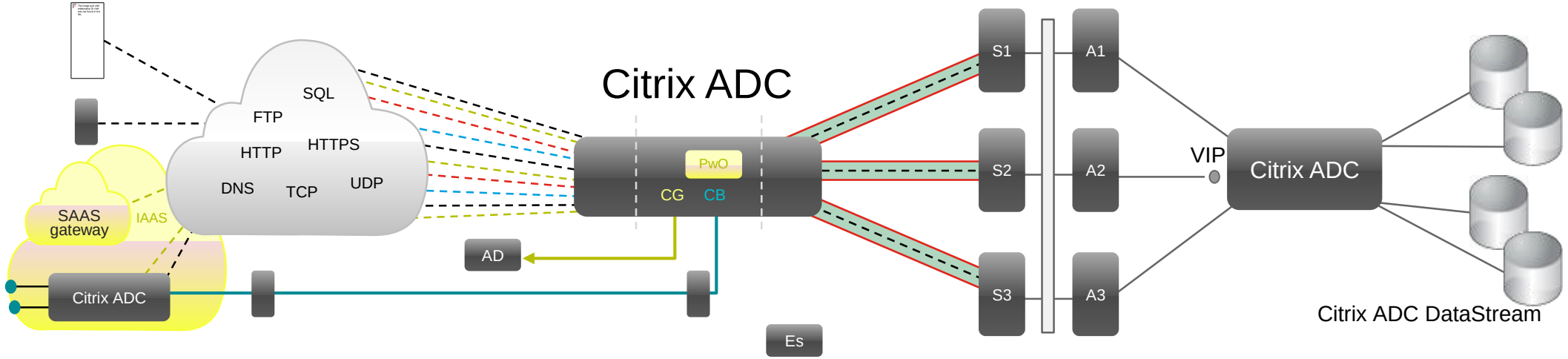
Citrix ADC - Some Details



Availability

Load Balancing (SLB)
N+1 Clustering
High Availability (HA)
L4-7 Request Switching
Advanced Health Checks
Content Switching
Cache Redirection
Global Load Balancing (GSLB)
Dynamic Routing / PBR
HTTP Callout
Citrix ADC DataStream

Security

SSL Offload
L4-7 ACL
Network ACLs
DoS Protections
Rewrite + Responder
Rate Limiting
SSL VPN
AAA for App Traffic
Application Firewall
Citrix Gateway

Optimization

SSL Offload
TCP Offload
TCP Buffering
Surge Protection
Compression
Caching
Web Logging
HTTP 2.0
Client Keep-Alive
SACK/Nagles
TCP Westwood+

Management & Visibility

HDX Insight
Web Insight
Action Analytics
CLI/GUI
Nitro REST API
PowerShell
MSSCVMM/MSSCOM
AppFlow
Syslog
SNMP
Command Center
AppExpert Policies

Platforms

VPX — Citrix Hypervisor, Vmware, 100, 200, 1G, 3G HyperV

MPX — 5550-5650
8005-8015,
9700-15500 FIPS,
11515-11542,
14020-14100
22040-24150
25100-25160T

SDX — 8015,
11515-11542,
14020-14100,
22040-24150

Editions

Standard, Enterprise , Platinum, Express, Developer

Pay-As-You-Grow

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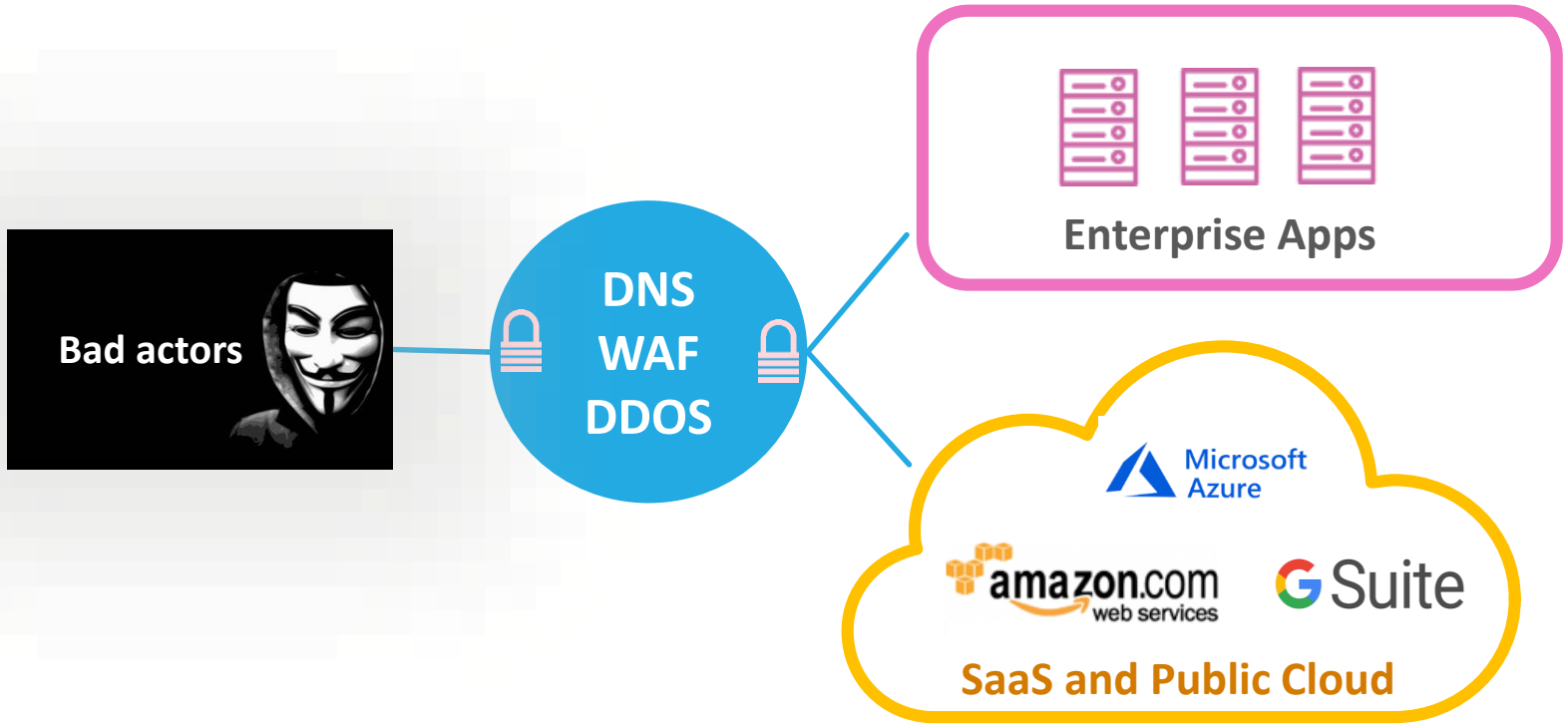
Protect apps against attacks



Control and secure the first hop to the resource for accessing on-premises and cloud apps

Avert risk and stop attacks
Common OWASP Top 10 (SQLi, XSS etc)
Signature Protection
IP reputation
Geo Blocking
Security Insight Dashboard
SSL inspection
Layer 3/4 DDoS
Custom Rules (roadmap)
Performance or Data Transfer Expansion
Multi-Geo hosting

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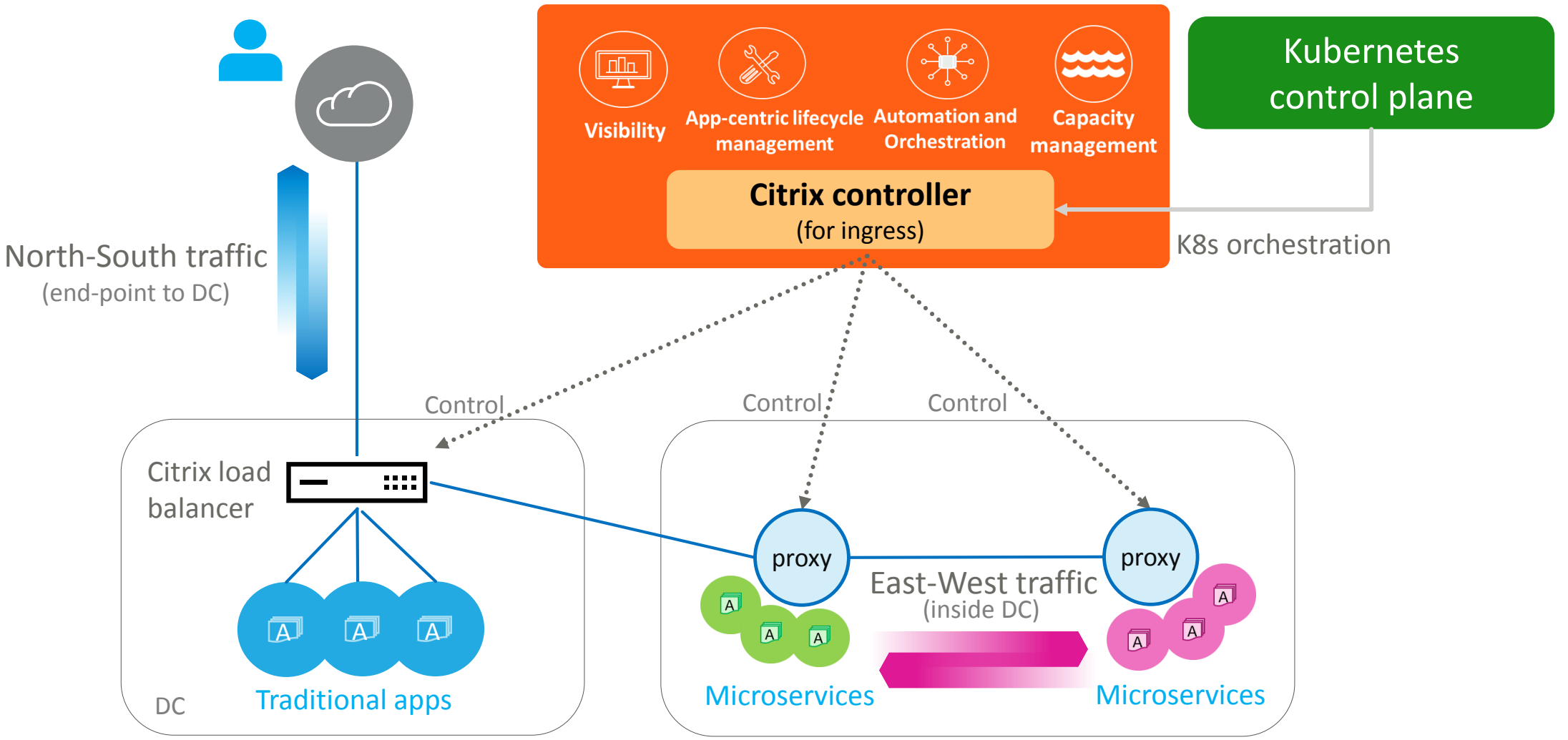
Performance and experience of modern apps

control and visibility for both, N/S and E/W traffic



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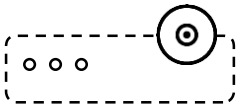
Citrix ADC Portfolio: Built for Hybrid Multi Cloud

Most Comprehensive, Feature Rich & Software-Centric

For Your Every Step for Transition to Hybrid Multi Cloud



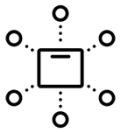
Virtual Appliances
DC & Private Cloud, VPX

In Public Cloud
VPX for AWS, Azure, GCP

Containers
Public & Private Cloud, CPX

Bare Metal
Private & Public Cloud, BLX

Hardware Appliances
DC & Private Cloud, MPX



Multi-Tenant
MSP & Private Cloud, SDX

Single Software Code Base

across Portfolio for

Features, APIs & Operational Consistency, and Innovation Velocity

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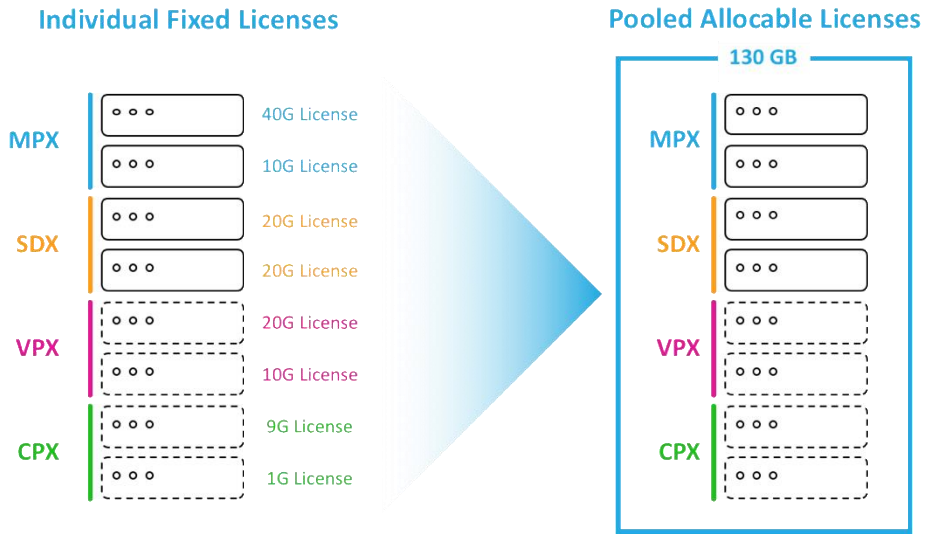
Pooled Capacity Licensing: Built for Hybrid Multi Cloud

More Agility and More Value



Flexibility
Move the capacity among ADCs in hybrid multi cloud

Better Economics
Better utilization, granularity, use cases

Simpler
Enterprise-wide visibility & automation

Transition to Hybrid Multi Cloud at your Business Speed

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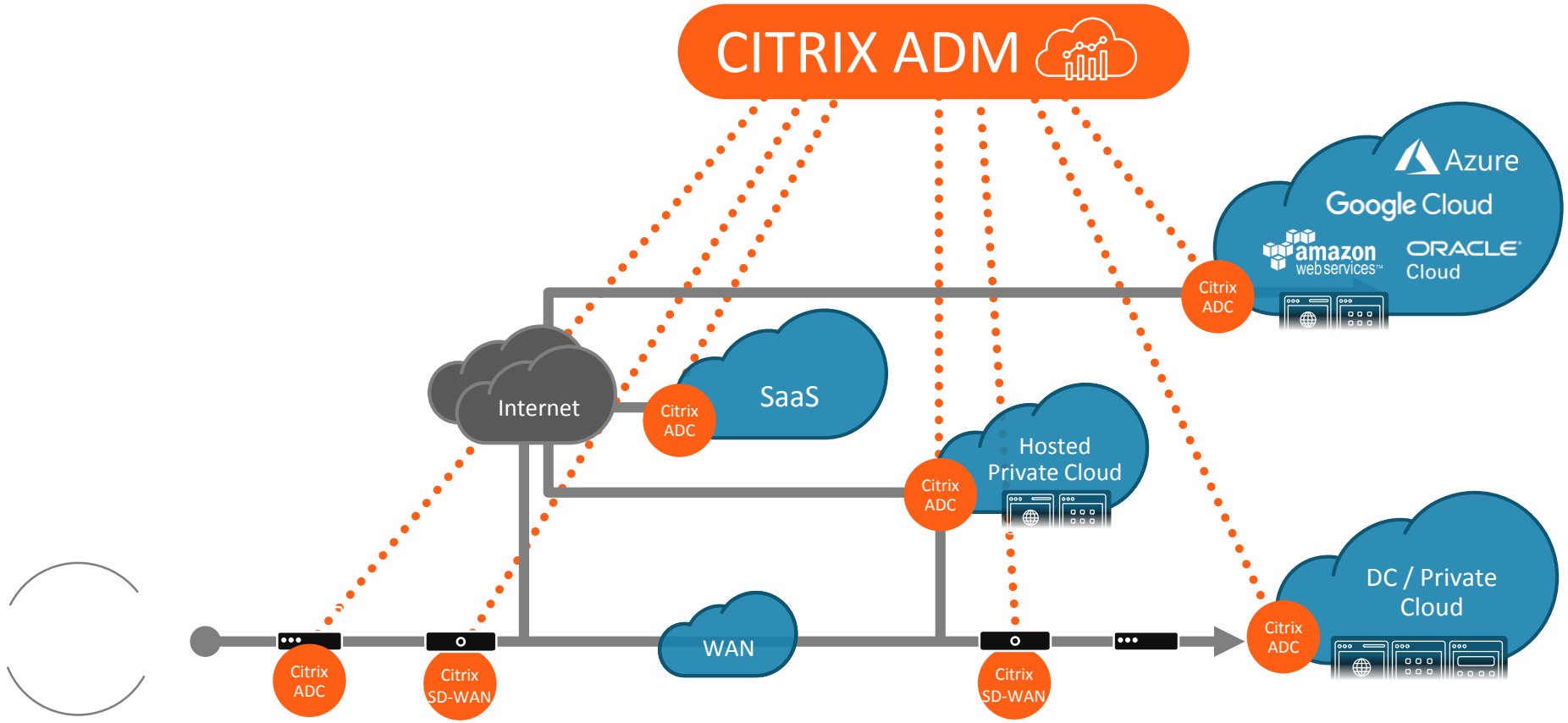
Orchestration, Management and Control



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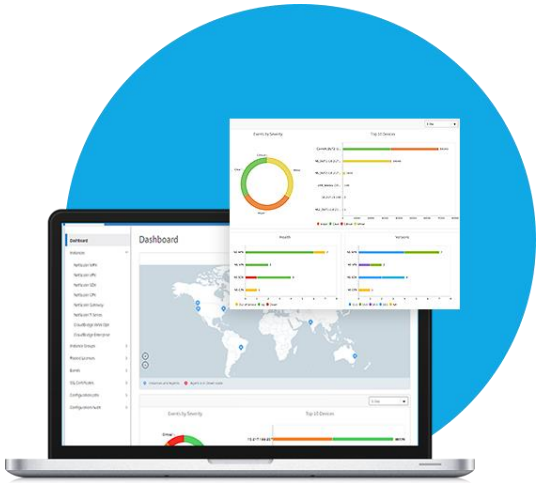
Citrix ADM for HMC

Classic DC Management

- Configuration Mgmt
- App Centric Mgmt
- Visibility & Analytics
- Physical ADCs
- SD WAN
- Gateway



Citrix Application Delivery Management

New Generation, Borderless DC Management

- Automated Centralized Manage-ment
- Application Centric Manage-ment
- SDN and Cloud Orchestra-tion
- Visibility & Analytics

- Hybrid and Multi-Cloud Control
- Physical, Virtual ADCs
- Gateway
- SD WAN
- SDN Control

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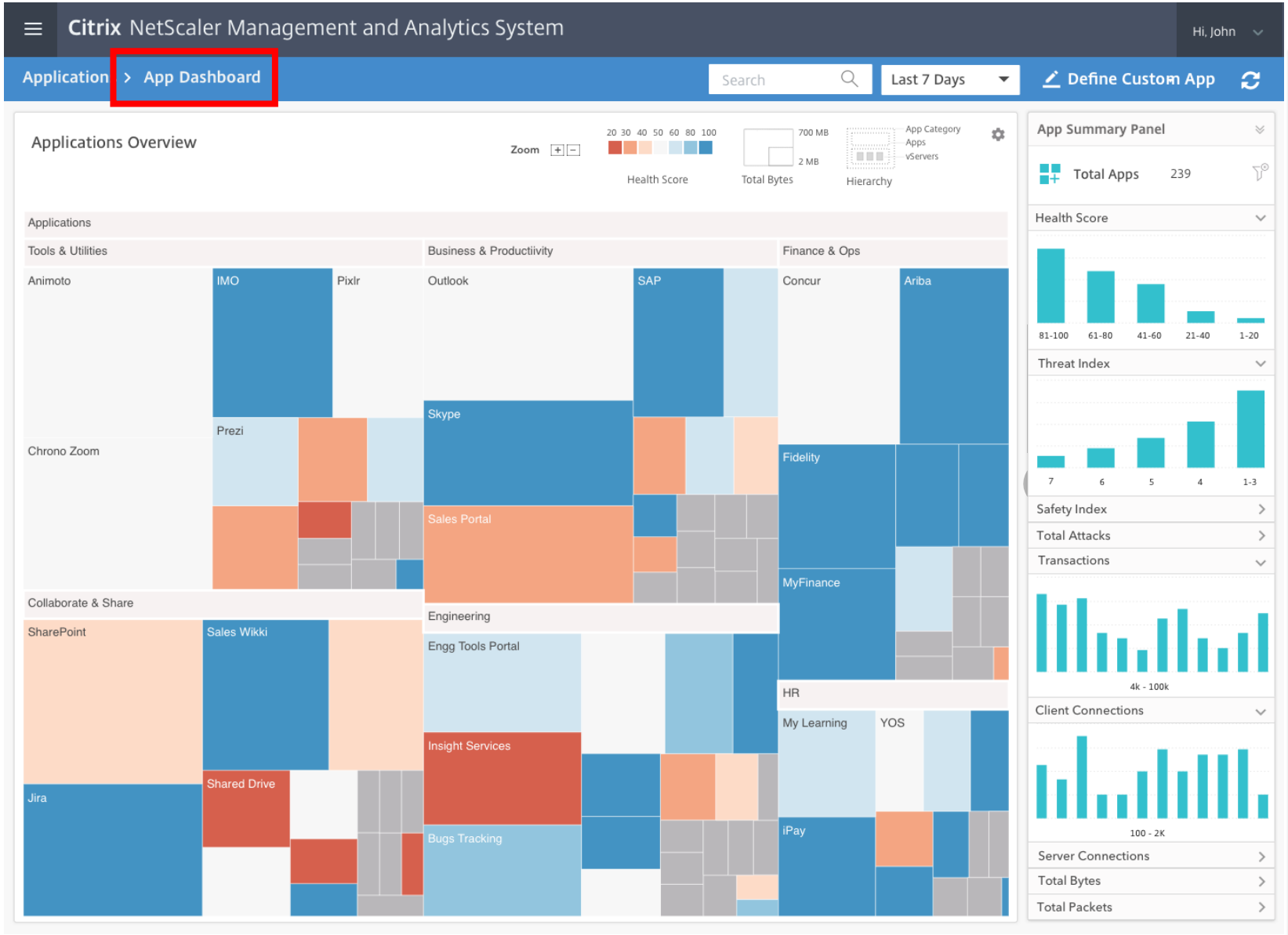
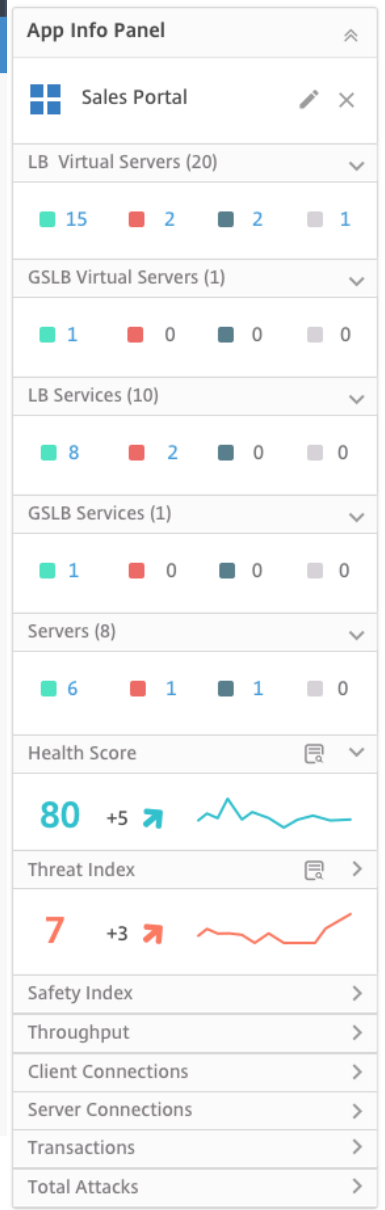
Citrix ADM App activity Analytics



When user clicks on any app



Which network functions define this app?

Health Score Trend

Threat Index Trend

Attack Trend

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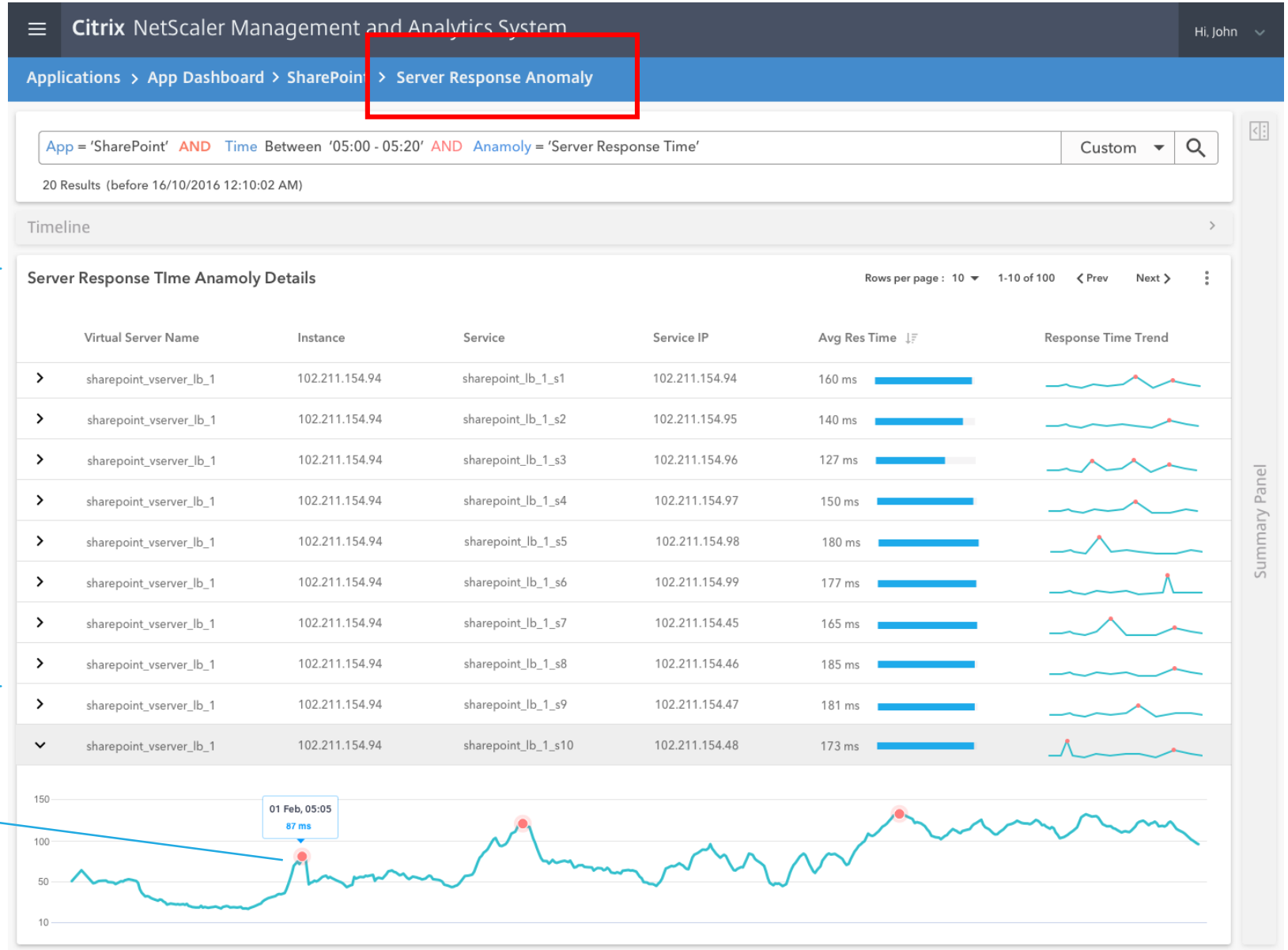
Detect anomalies for performance troubleshooting

Which services are contributing to server response time anomalies?

What has been the anomaly trend line for this service?

Which point was the anomaly identified?



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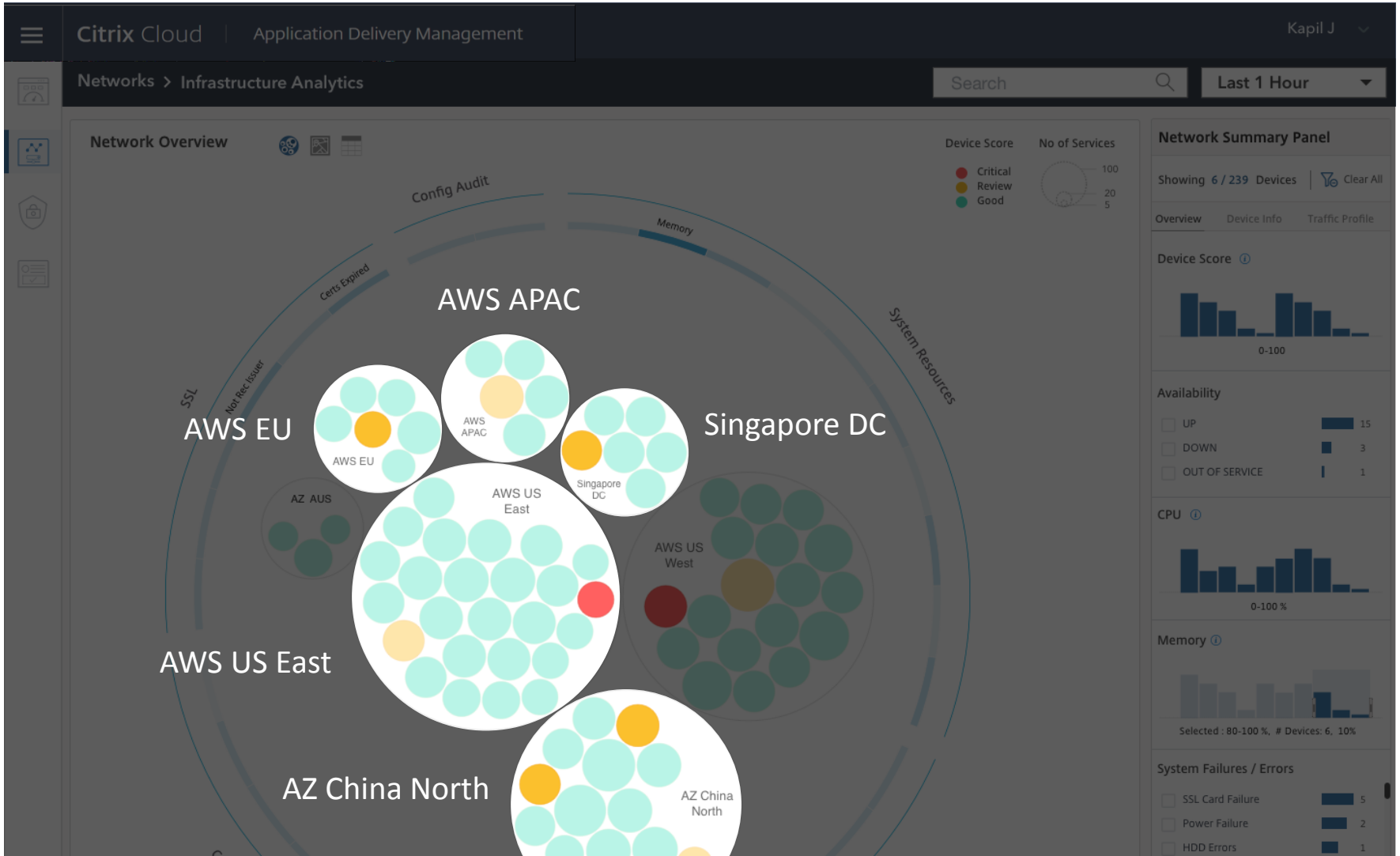
Citrix ADM Infrastructure Analytics

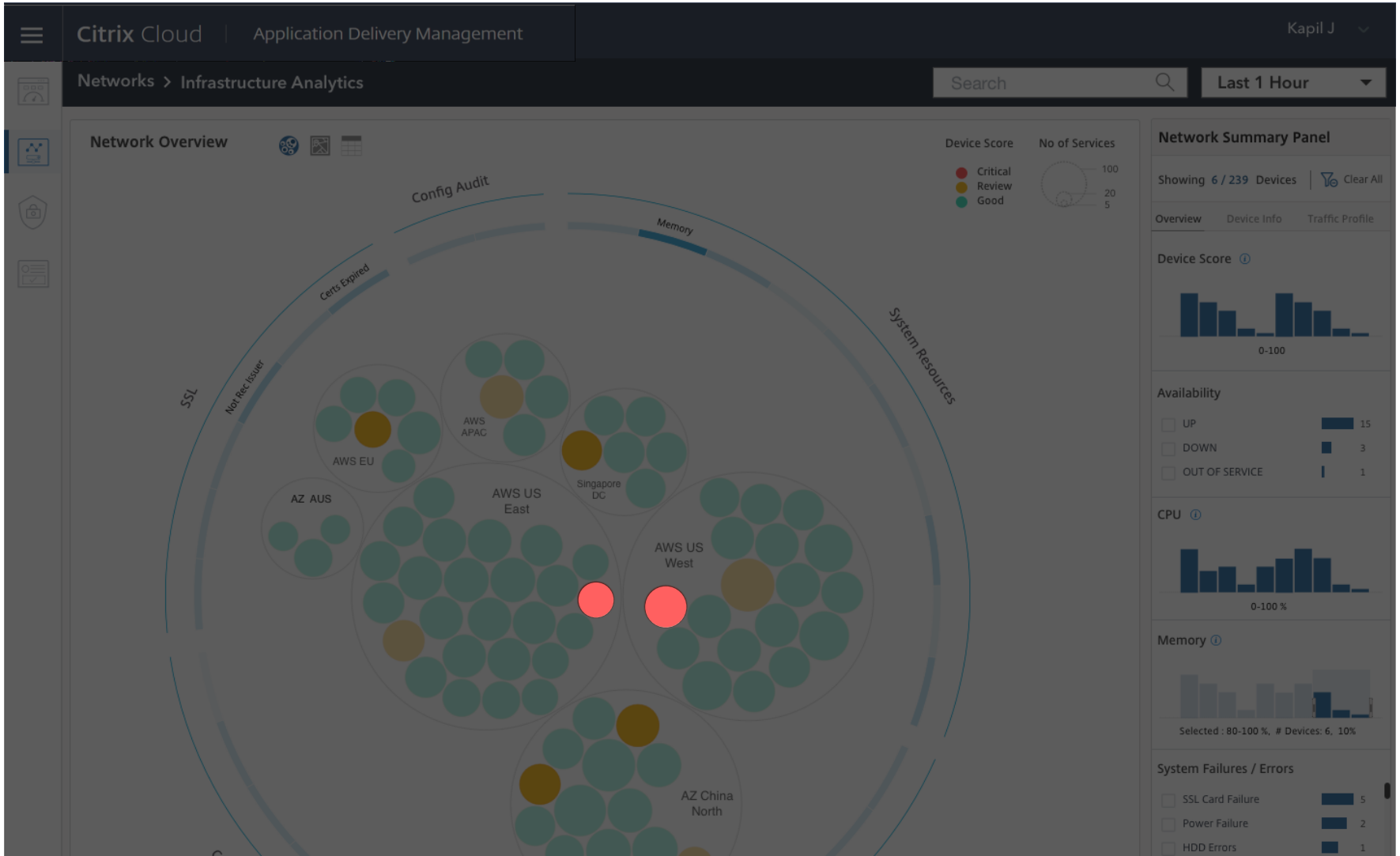
Infra Analytics across on-prem, Azure and AWS deployment.



Deployment Infrastructure

Citrix ADM Infrastructure Analytics

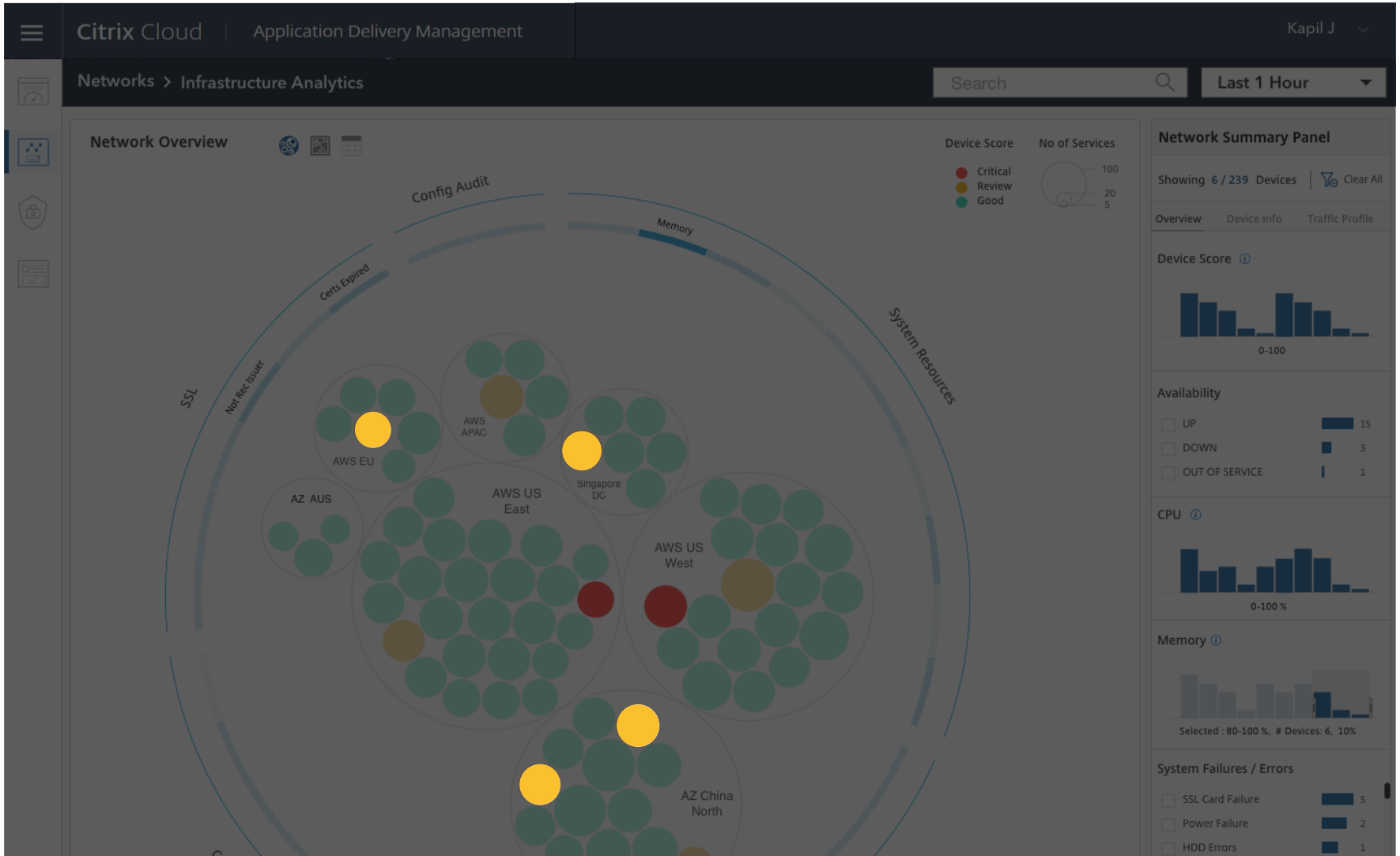
Infra Analytics across on-prem, Azure and AWS deployment.



2 instances with Critical Memory issues

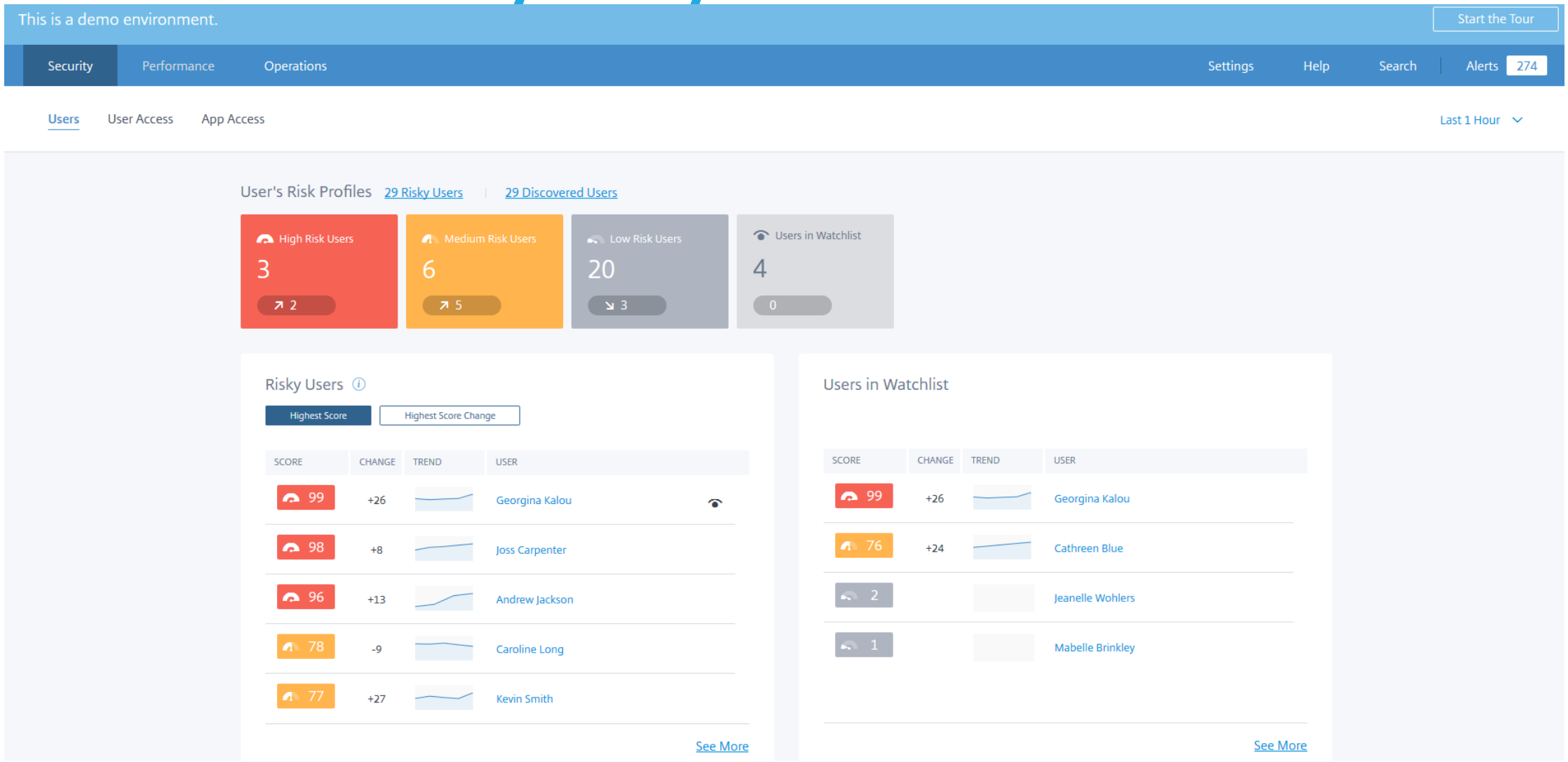
Citrix ADM Infrastructure Analytics

Infra Analytics across on-prem, Azure and AWS deployment.



4 instances with
SSL certs expired

Citrix ADM Security Analytics



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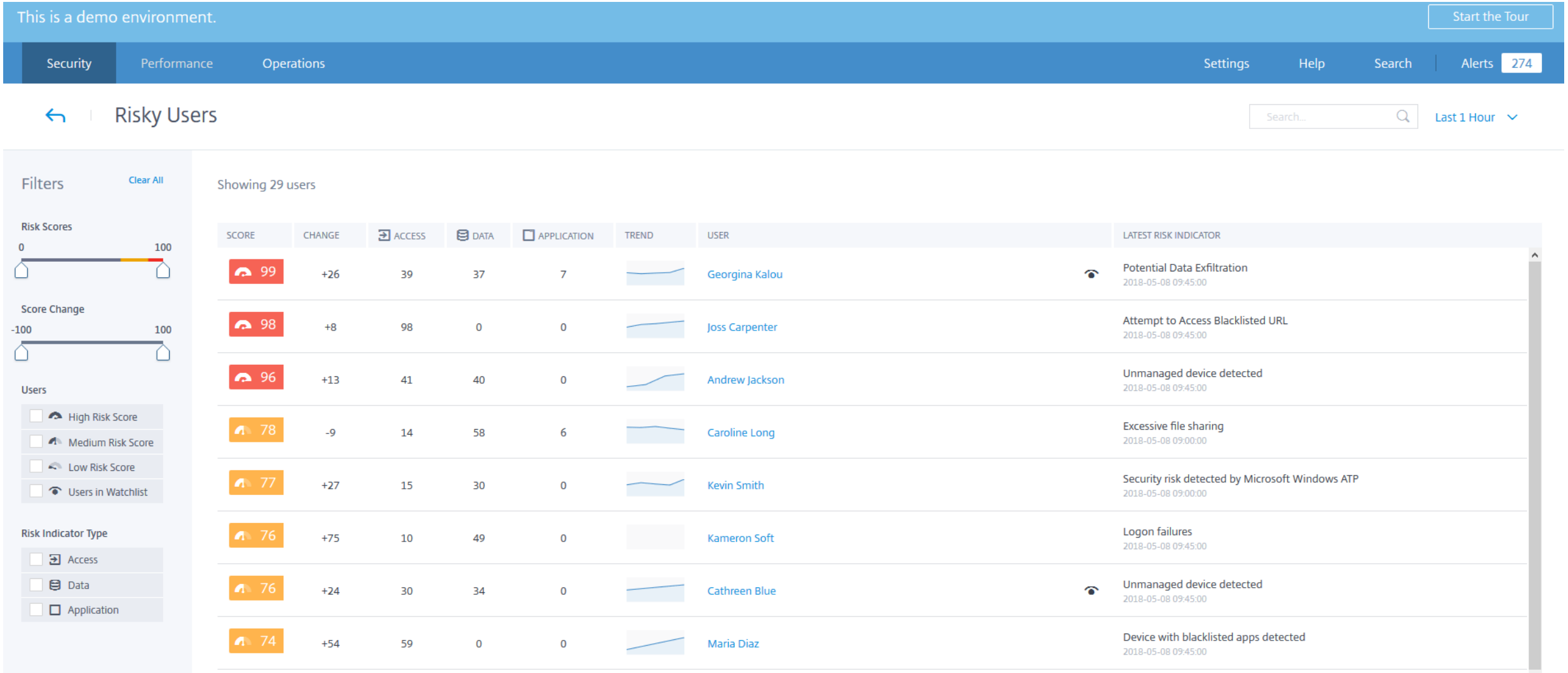
Citrix ADM Security Analytics



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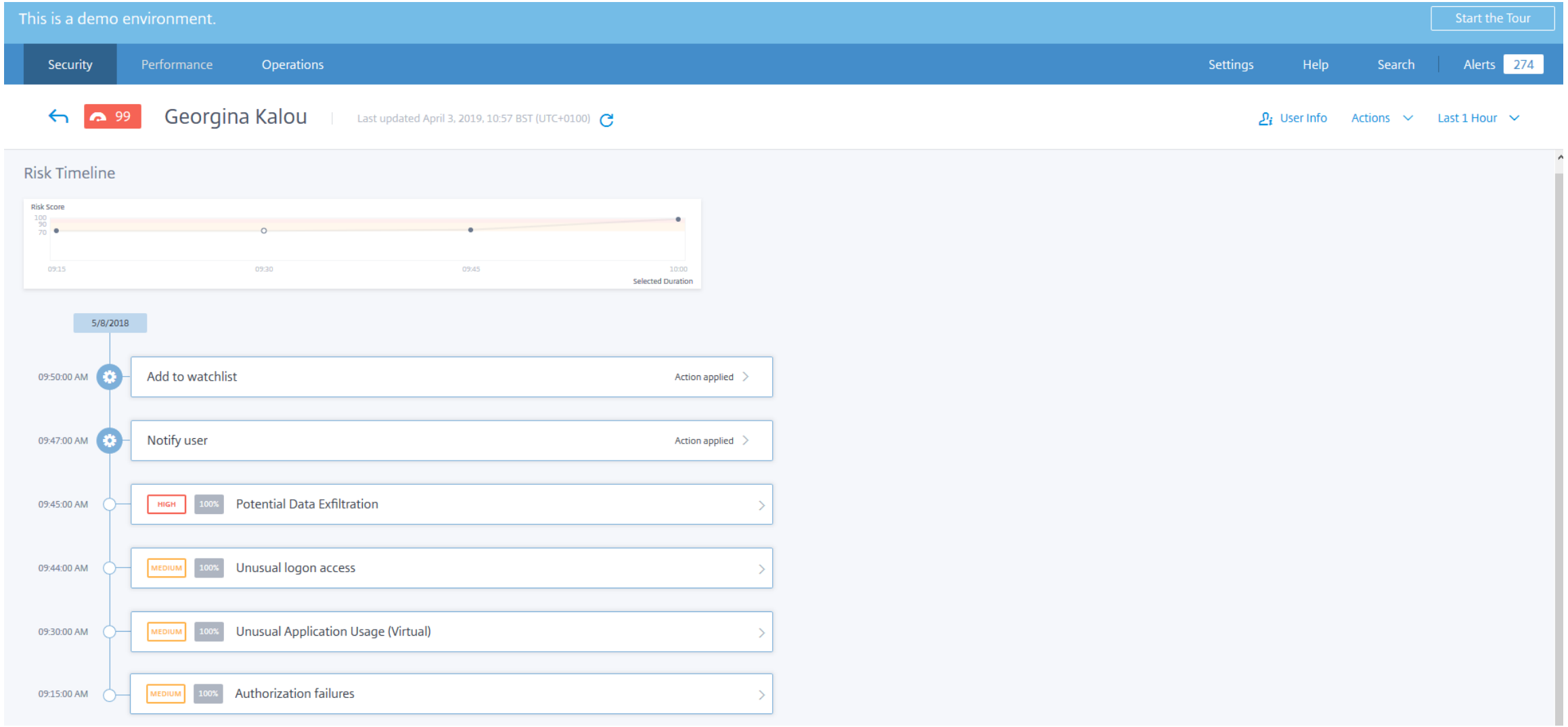
Citrix ADM Security Analytics



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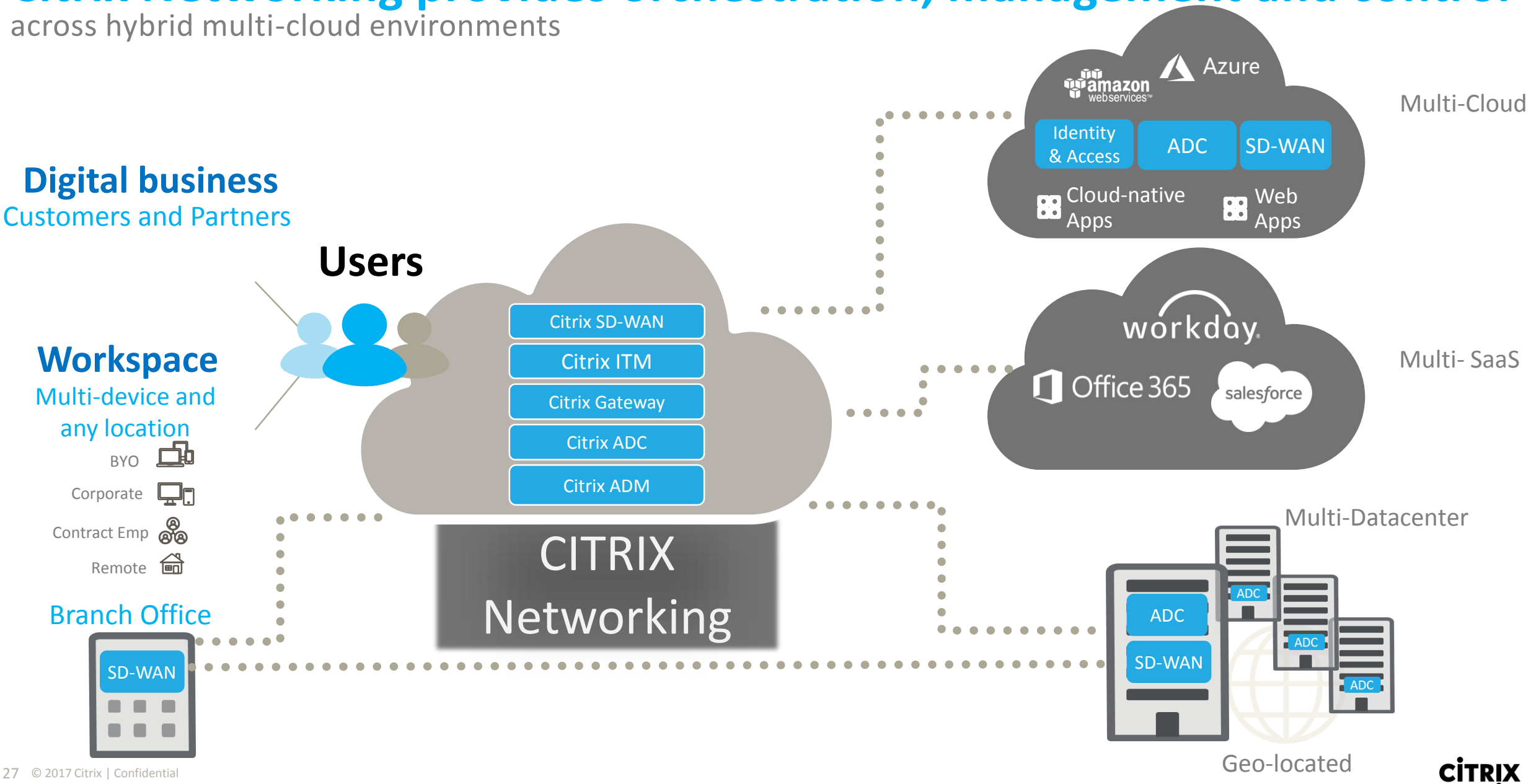
Citrix Networking provides orchestration, management and control

across hybrid multi-cloud environments



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