

SYN714 - Citrix and Azure: What Else is Possible?

Mike Nelson & Aaron Parker

#SYN714 #citrixsynergy

For the users, by the users

- 16,000+ members globally
- 60+ local user groups and special interest groups (SIGs)
- Knowledge sharing, expert discussion
- Networking at local meetings, conferences and technology events
- Technical webinars, forums and blogs
- Opportunities to share, learn, mentor and lead

"It was an opportunity to bring together like-minded people, network, share stories, and help each other." – CUGC Member





Before you leave...

Conference Surveys are available via email and in the Synergy Mobile app starting Thursday, May 25 at 9:00 a.m. ET

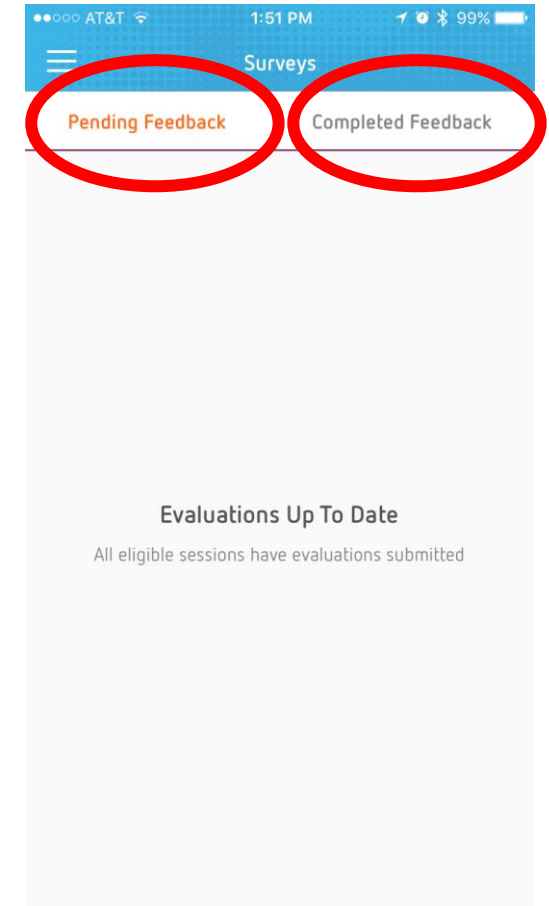
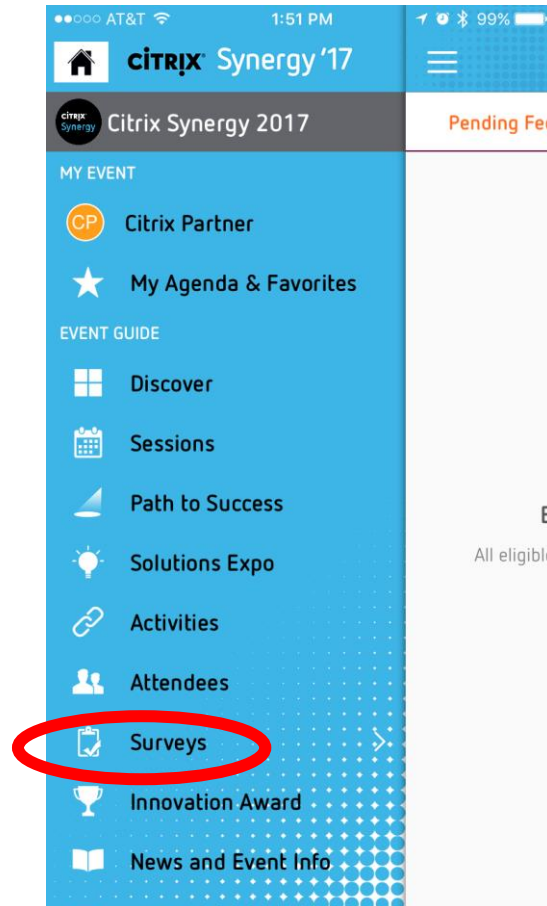
- Those who provide feedback by Friday, May 26 at 6:00 p.m. ET will receive a \$20 Amazon e-gift card

Watch sessions on demand beginning Friday, June 2 at www.citrix.com/SynergyTV

Download presentations starting Friday, June 9 from your *My Synergy* Account

Rate this session in the mobile app

- Surveys are based on entrance scanning
 - Once you scan in to a session, that session will pop up on the mobile app
- Complete the survey on the mobile app
- The mobile app will show you pending feedback and completed feedback
 - Pending – surveys to take
 - Completed – completed surveys



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The 0:45 Squeeze

Where We Are Today
After Deployment
Tools, Tips, Advice & Demos
What's Next?



Better Together

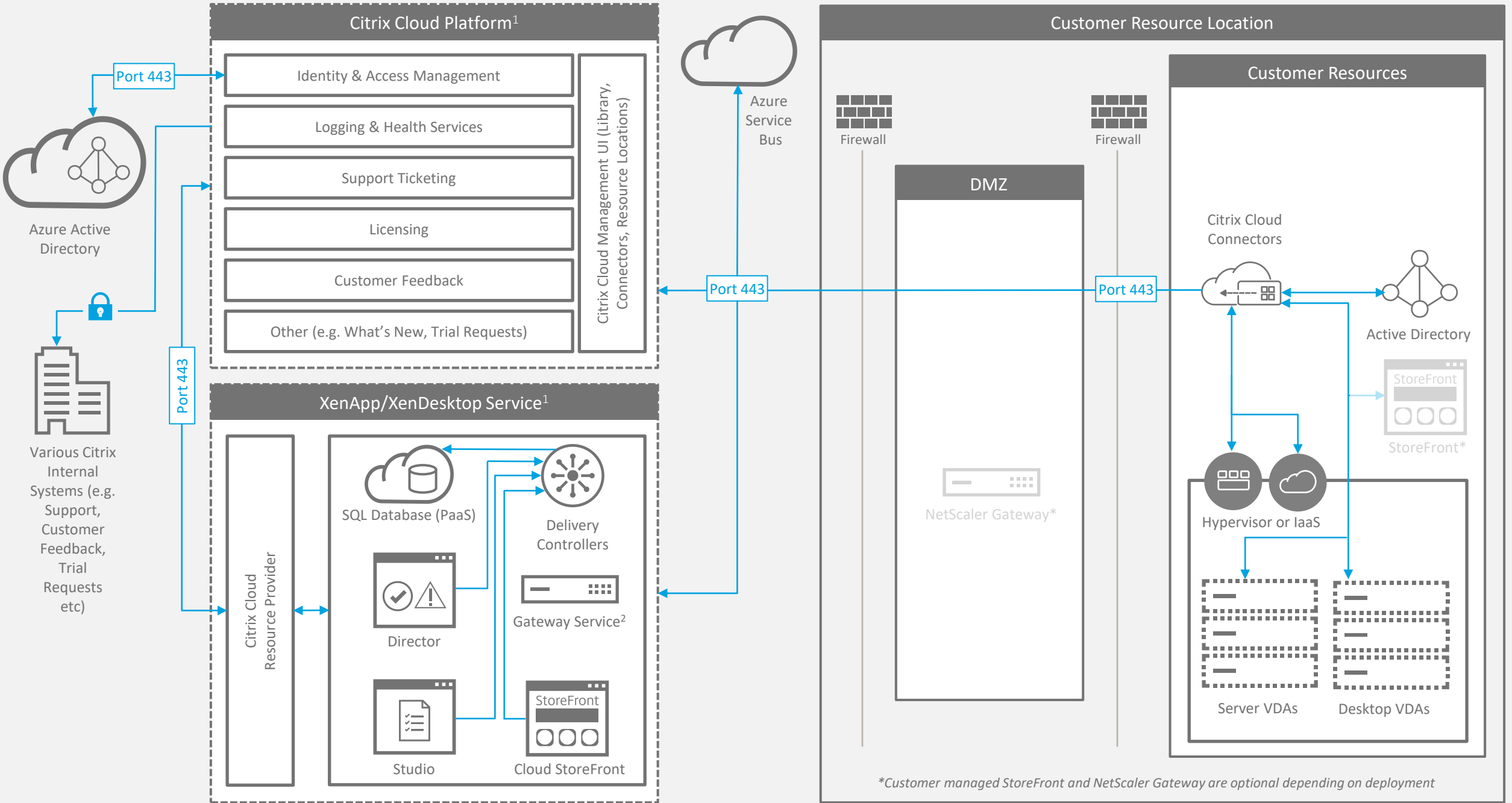


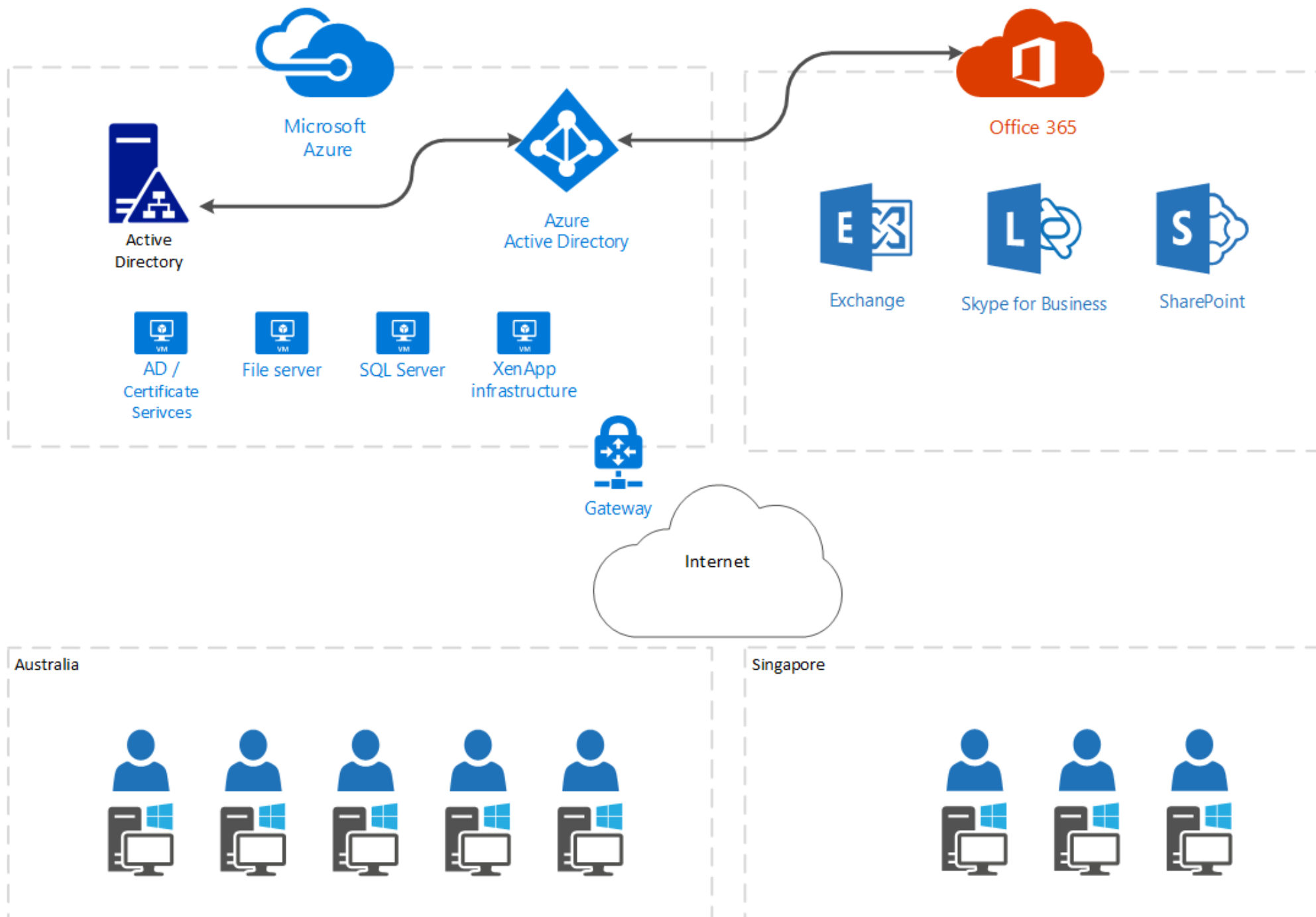
CiTRIX®



VMware Horizon Cloud on Azure

Citrix Synergy 2017





Azure AD & Policies Demo





A world map on a dark blue background, overlaid with a complex network of white lines and dots representing global connectivity. Several regions are highlighted with large, semi-transparent blue circles, indicating Azure cloud regions. These clusters are located in North America, South America, Europe, Africa, Asia, and Australia.

34

Azure regions

More than AWS and
Google combined

What is Microsoft Azure?

Virtual Machines

Use an Azure cloud building block. Get full control as in a virtual machine with virtual hard disks, local and on-disk network storage. Complete flexibility with the ability to create custom images that are ready to deploy to compute, web, storage, and other services to speed up your applications.



Cloud Services

Quickly create and manage new apps or services. Use the services and capabilities of Azure to build your applications. The services are built on a cloud architecture that is designed to be scalable, secure, and easy to use. The services are built on a cloud architecture that is designed to be scalable, secure, and easy to use.



App Service

Quickly create and manage new apps or services. Use the services and capabilities of Azure to build your applications. The services are built on a cloud architecture that is designed to be scalable, secure, and easy to use. The services are built on a cloud architecture that is designed to be scalable, secure, and easy to use.



Microsoft Azure

Microsoft Azure is a flexible, open, and secure public cloud built for business. Access a broad collection of integrated services that accommodate many languages and operating systems. Use world-class tools to accelerate a wide variety of app development and delivery capabilities.

Free trial!

Use \$200 credit to try any combination of Azure resources.

aka.ms/TryAzure

Search aka.ms/microsoft.com, MSDN, or TechNet for keywords based in this poster.

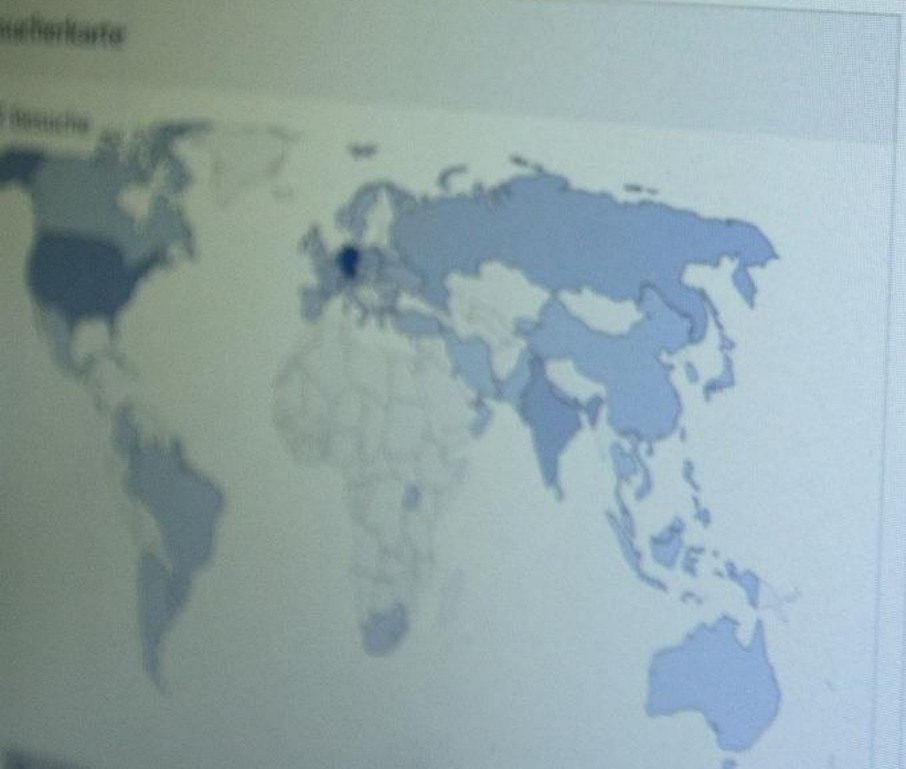
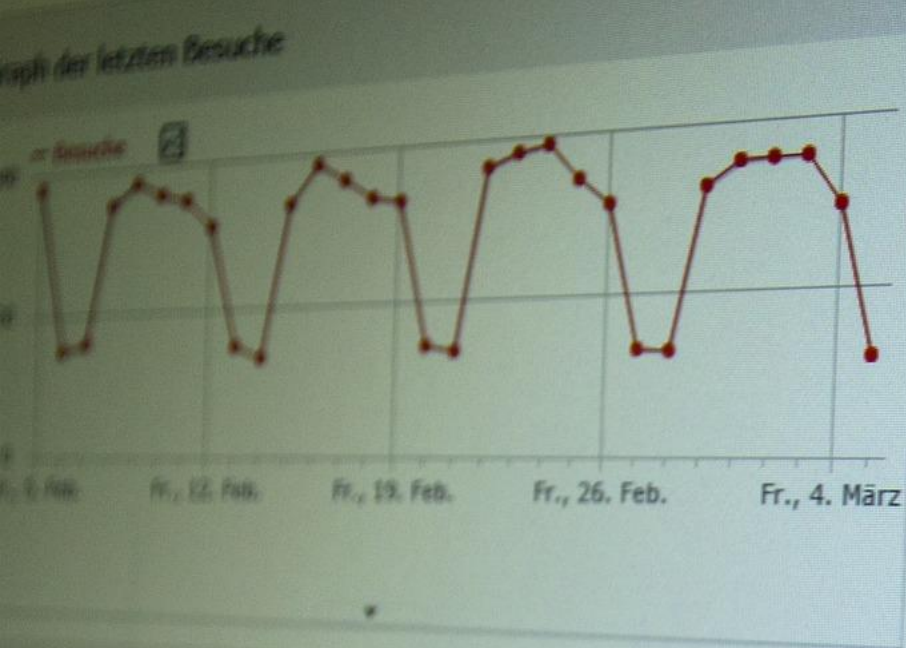
Catalog of Services

COMPUTE	Cloud Services	Service Fabric	Batch	Scheduler	Remote App	Virtual Network	Express Route	Traffic Manager	Active Directory	Multi-Factor Authentication	Media Services	CDN
Virtual Machines Use full control as in a virtual machine with virtual hard disks, local and on-disk network storage.	Cloud Services Quickly create and manage new apps or services. Use the services and capabilities of Azure to build your applications.	Service Fabric Build highly scalable, resilient, and reliable applications composed of microservices.	Batch The managed service for parallel and high performance computing (HPC) applications.	Scheduler Simple jobs that run on a schedule or in response to events.	Remote App Access your on-premise applications and services from the cloud.	Virtual Network Private network space that you can use to connect your Azure resources.	Express Route Connect on-premise and cloud networks directly through dedicated connections.	Traffic Manager Load balanced routing of traffic to multiple endpoints across the globe.	Active Directory Identity and access management for cloud applications and data.	Multi-Factor Authentication Integrated access to data and apps with additional physical layer of security control.	Media Services Store and transform content in the cloud for streaming and distribution.	CDN Content Delivery Network (CDN) to deliver content to end users.
Web Apps Managed web platform for building and hosting web applications.	Mobile Apps Build mobile applications for iOS, Android, and Windows Phone.	API Apps Create and manage APIs for your applications and services.	Logic Apps Build event-driven workflows to automate business processes.	API Management Publish and manage APIs for your applications and services.	Notification Hubs Send notifications to your mobile applications.	HDInsight The Hadoop distribution on Azure for big data analytics.	Machine Learning Build intelligent applications that learn from data.	Stream Analytics Process and analyze streaming data in real time.	Data Factory Copy data between various sources to perform a cloud-based data integration.	Event Hubs Capture and analyze massive volumes of events in real time.	Mobile Engagement Build and manage mobile applications for your users.	
Storage Blobs & Files Store binary application data and web content - ideal for document and content storage.	Backup Manage your data backup and recovery in the cloud.	Import / Export The managed service for importing and exporting data to and from Azure storage.	Site Recovery Disaster recovery and business continuity for your on-premise applications.	Storage Simple Automated policy-driven solution to manage your storage data.	SQL Database Managed relational database service with high availability and performance.	DocumentDB Store and query millions of JSON documents from a highly scalable, fully managed database.	Redis Cache Make applications faster and more responsive with Redis in the cloud.	Search Managed search service for your applications and data.	Tables Store and query structured data in the cloud.	Visual Studio Online Store code and build projects in the cloud.	Application Insights Analyze and monitor the performance and usage of your applications.	
Storage Queues Simple message service for distributed applications.	BizTalk Services Build and manage BizTalk applications in the cloud.	Hybrid Connections Connect your on-premise applications to Azure services.	Service Bus Manage and orchestrate various distributed systems and services.	Automation Run and manage your Azure resources with scripts.	Portal Web-based management console for your Azure resources.	Key Vault Securely store and manage your keys and secrets.	Operational Insights Analyze and troubleshoot operational issues with your Azure resources.	Store / Marketplace Find and manage your services in the cloud.	VM Depot Store and manage your virtual machines in the cloud.			

Like it? Get it.

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Microsoft



Overview

Manage

Monitor

Dashboard

Trends

Filters

Alerts

Search

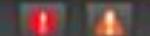
Downloads

User Connection Failures 0

Failed Desktop OS Machines 0

Failed Server OS Machines 0

Data updated every minute

**1**
Sessions Connected

As of 6/30/2016 4:53 PM

[View Historical Trend](#)**Average Logon Duration**

0 logons over last hour

[View Historical Trend](#)

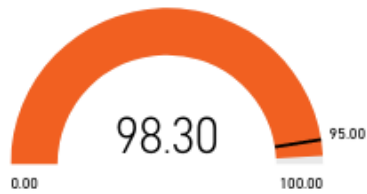


Ask a question about your data

PIA Demo Dashboard

ENVIRONMENT HEALTH & LOAD TIMES

Average Environment Health Score



Average User Service Quality Score

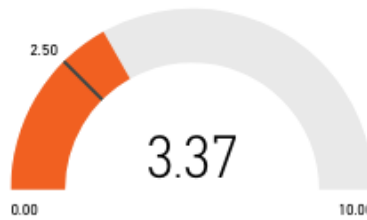


Environment Daily Average Health Score

28.10
Today's Average Score



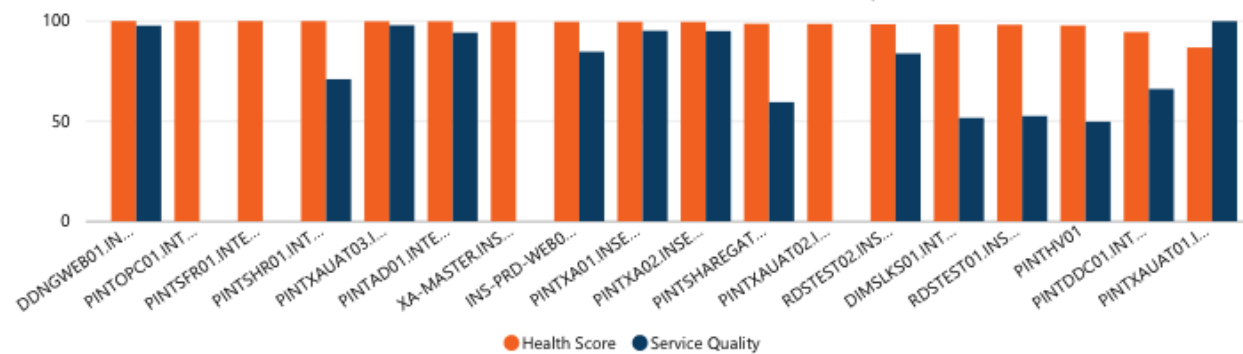
Excel Average Load Time (sec)



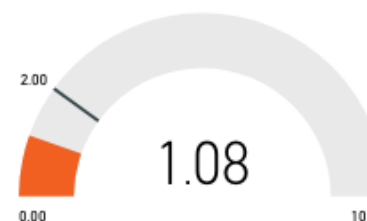
Citrix Desktop First Load Time (Sec)



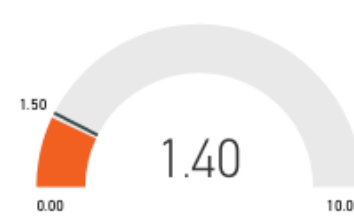
Environment Health Score & Service Quality



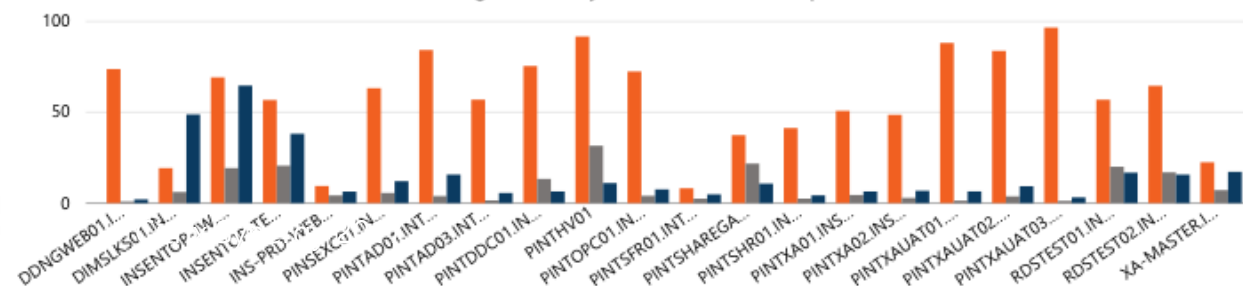
Outlook Average Load Time (Sec)

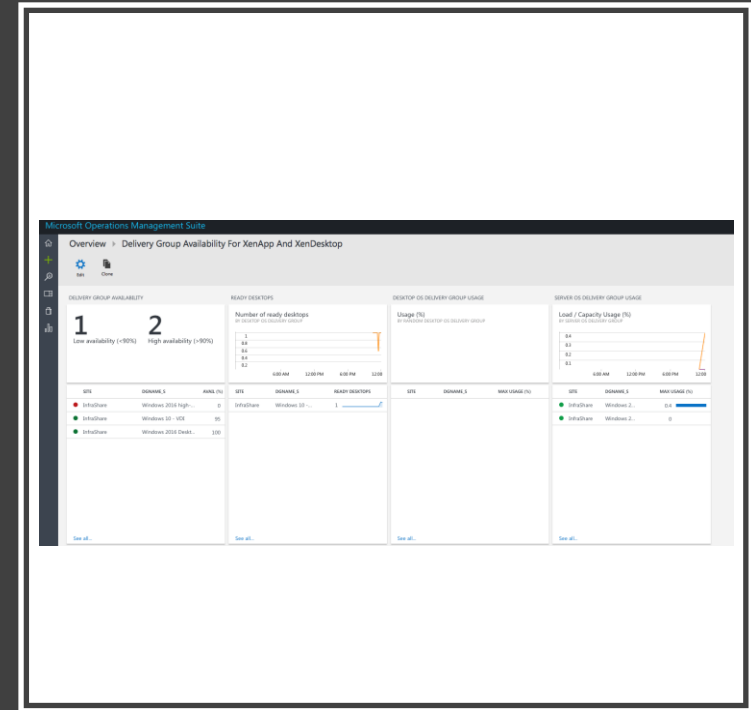
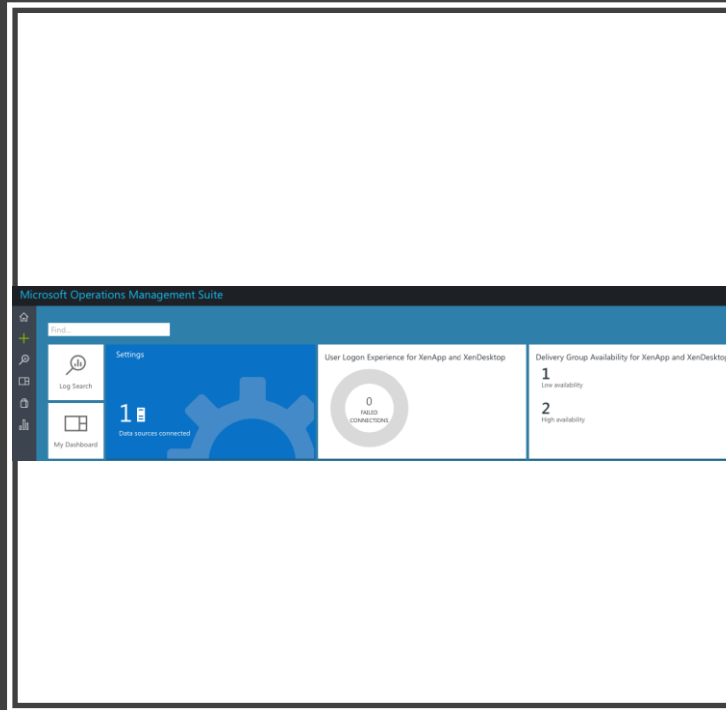
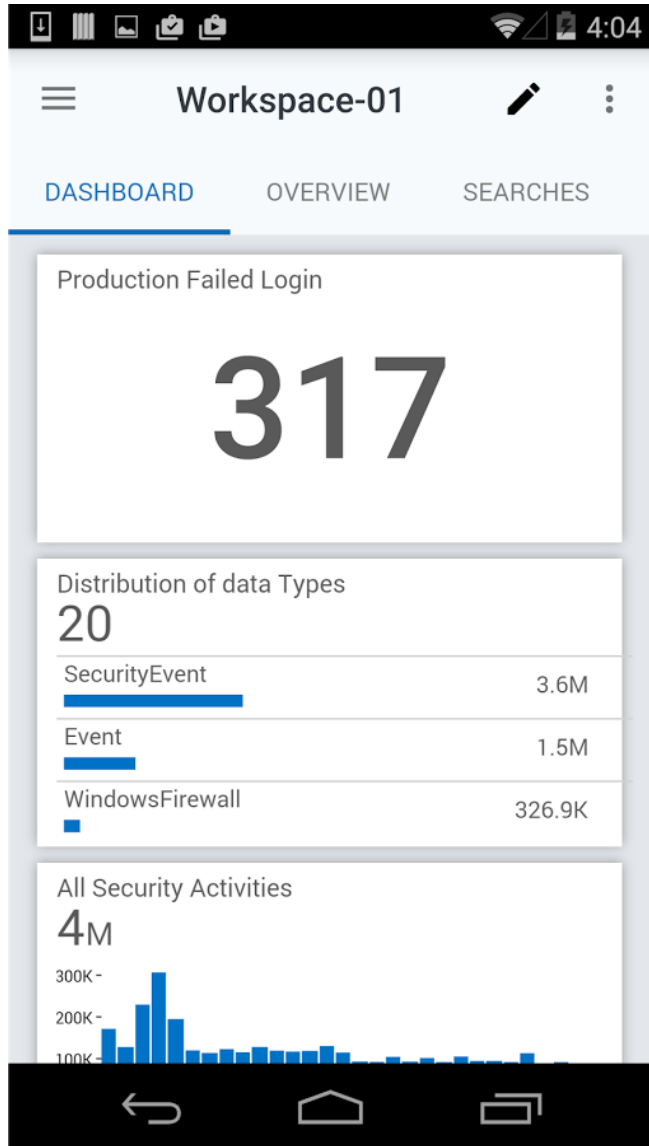


Word Average Load Time (Sec)



Average Monthly Resource Consumption





Microsoft OMS



ENKO®
KK-5888

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CITRIX®



CITRIX® Cloud
XenApp Essentials



Microsoft
Remote Access Fee



Microsoft Azure

\$12 pupm¹

\$6.25 pupm²
or BYOL RDS CAL

Varies
based on workload type and
consumption

 **Microsoft**

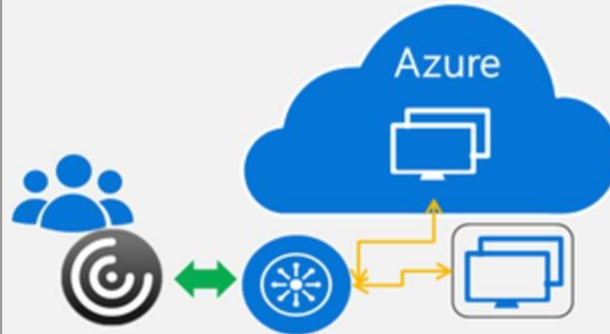
<https://costcalculator.azurewebsites.net/costCalculator>

XenApp and XenDesktop on Azure Cost Calculator

Click on one of the topologies below to start calculating the estimates.

To learn more about Citrix Cloud topology [Click here](#)

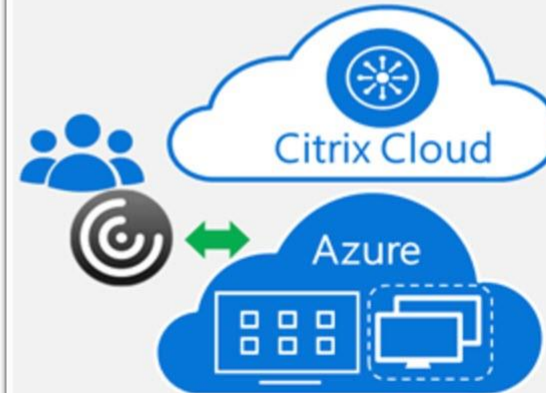
Extend



XenApp and XenDesktop management on-premises.

Virtual app and desktops workloads on-premises and Azure.

Cloud Service



XenApp and XenDesktop cloud service on Azure, managed by Citrix

Virtual app and desktops workloads on Azure.

Manage

Reports

Notification

Help

Enrollment Department Account Subscription

Enrollment Detail

- Enrollment Number
- Company Name
- Country: United States
- Auth Level: Mixed Account
- Start/End Date: 1/1/2016 - 12/31/2018
- Billing Cycle: Annual
- Status: Active
- Support Level: Standard
- Support Coverage: 7/1/2016 - 12/31/2017
- Azure Marketplace: Enabled
- DA view charges: Enabled
- AO view charges: Disabled
- Cloud: Azure Commercial

Administrator

+ Add Administrator

Email	Auth Type	Notification Frequency	Lifecycle Notifi...	Read...
	Work or School Account	None	No	No
	Work or School Account	Weekly	No	No
	Work or School Account	Daily	Yes	No
	Work or School Account	Weekly	No	No
	Work or School Account	Monthly	No	No

« < 1 2 > »

Notification Contact

+ Add Contact

i None

Azure EA Portal

Usage Summary

Download Usage

Price Sheet

Power BI Reporting

Download Usage



Charge by Services | Charge by Hierarchy

Azure Service						Total	\$113.66	
Service Name	Unit of Measure	Consumed Units	Included Units	Charged Units	Unit Price	Usage Charge		
BASIC.A2 VM (Windows) - US East - Dev...	100 Hours	0.148	0	0.148	\$6.42	\$0.95		
Business Analytics Azure Data Catalog	1 Users	2.2258	0	2.2258	\$0.97	\$2.16		
Data Management Standard IO - Block B..	100000000 Operation Units	0.0001	0	0.0001	\$3.49	\$0.00		
Data Management Standard IO - Block B..	100000000 Operation Units	0.0016	0	0.0016	\$3.49	\$0.01		
Data Management Standard IO - Block B..	100000000 Operation Units	0.0001	0	0.0001	\$3.49	\$0.00		
Data Management Standard IO - File De...	10000000 Operation Units	0	0	0	\$0.00	\$0.00		
Data Management Standard IO - File Pro..	10000000 Operation Units	0	0	0	\$0.35	\$0.00		
Data Management Standard IO - File Re...	10000000 Operation Units	0	0	0	\$0.35	\$0.00		
Data Management Standard IO - File Wr...	10000000 Operation Units	0	0	0	\$0.35	\$0.00		
Data Management Standard IO - Page B...	100000000 Operation Units	0.0005	0	0.0005	\$3.49	\$0.00		
Data Management Standard IO - Page B...	100000000 Operation Units	0.0023	0	0.0023	\$3.49	\$0.01		

Azure EA Portal





More Demos

Next Steps

Azure

Hook up with Azure



Automate

Learn PowerShell, Azure CLI, Portal



Connect

Join a User Group

Thank You!