SYN714 - Citrix and Azure: What Else is Possible?

Mike Nelson & Aaron Parker

#SYN714 #citrixsynergy

CUGC
CITRIX USER GROUP COMMUNITY

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www.mycugc.org

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

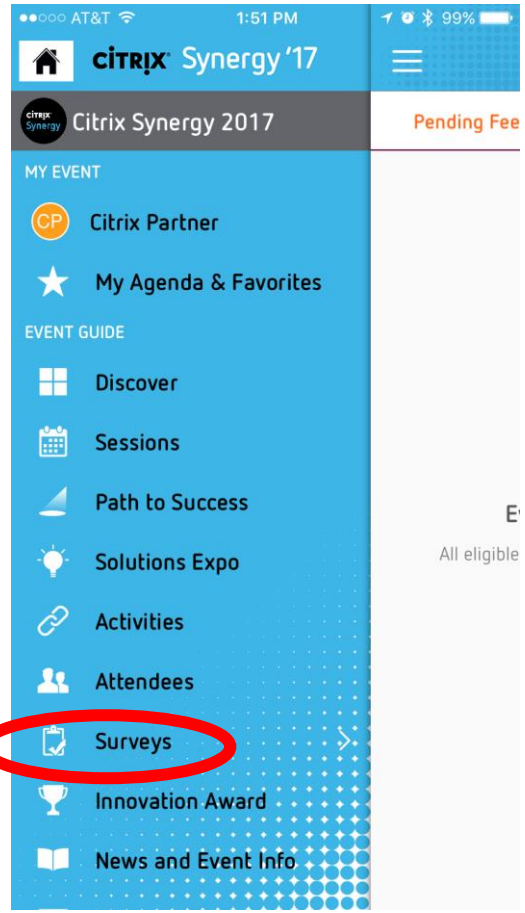
- Those who provide feedback by Friday, May 26 at 6:00 p.m. ET will receive a $20 Amazon e-gift card

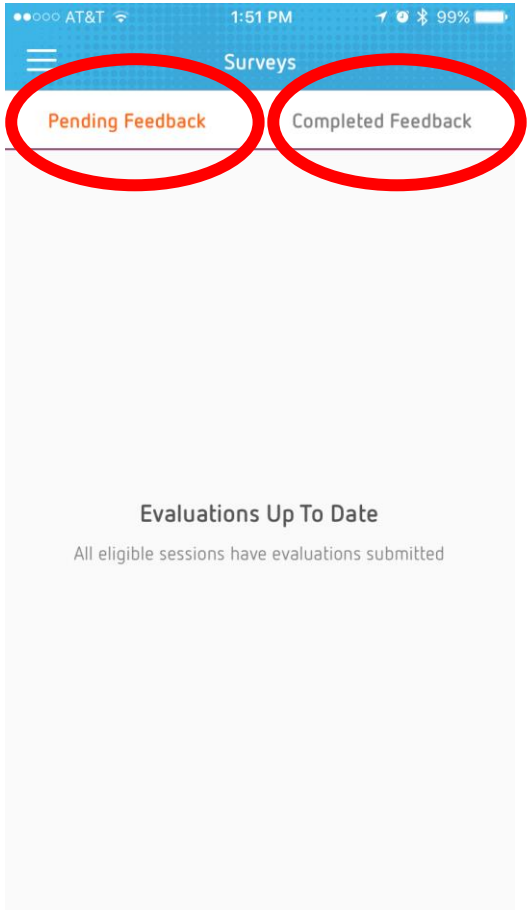
Watch sessions on demand beginning Friday, June 2 at www.citrix.com/SynergyTV

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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Citrix CTP

Microsoft MVP

Microsoft Azure Advisor

VMware vExpert

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Solutions Architect

Citrix CTP

Microsoft MVP

@stealthpuppy
http://stealthpuppy.com

The 0:45 Squeeze

Where We Are Today

After Deployment

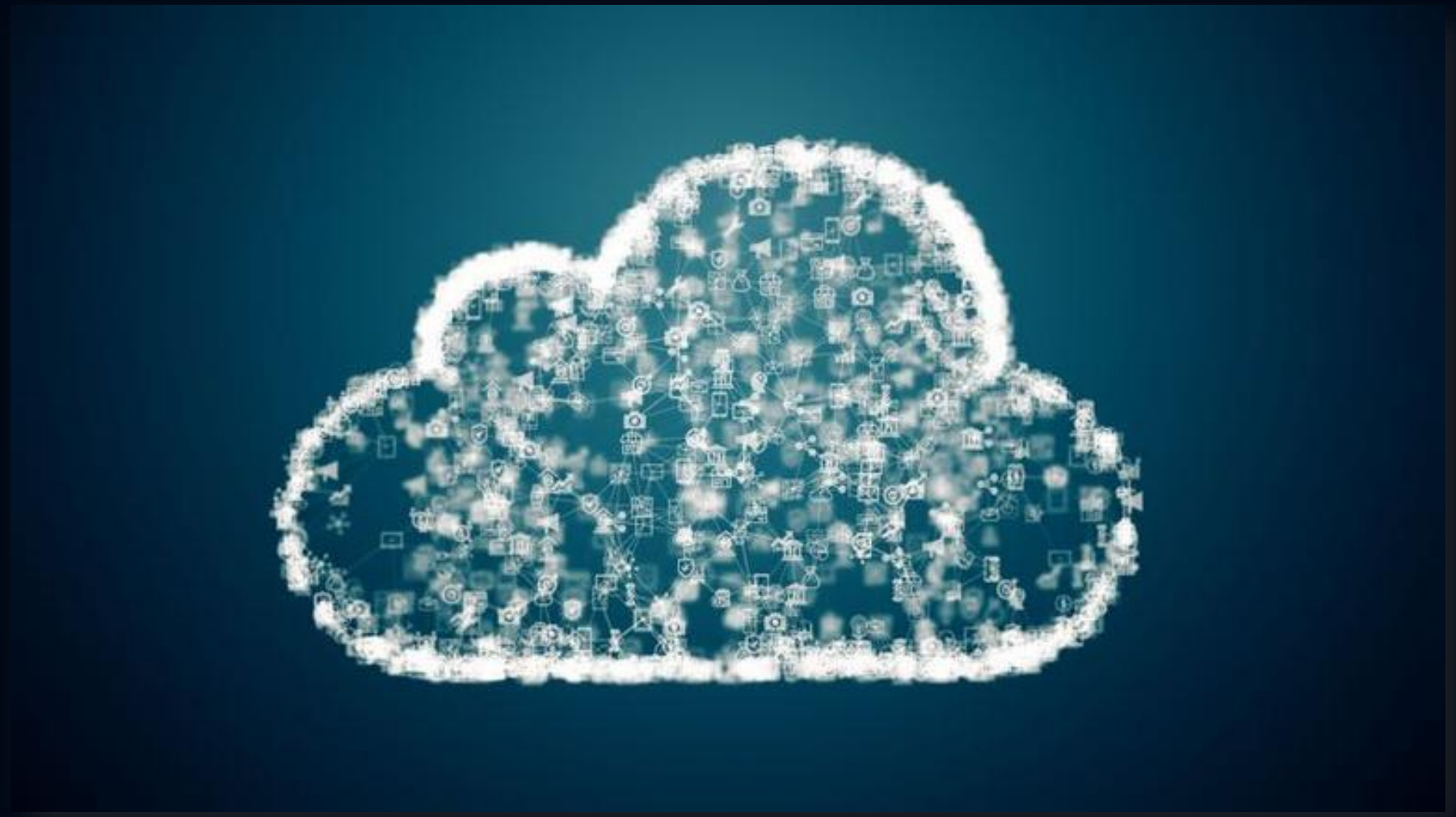
Tools, Tips, Advice & Demos

What's Next?

CITRIX | Microsoft

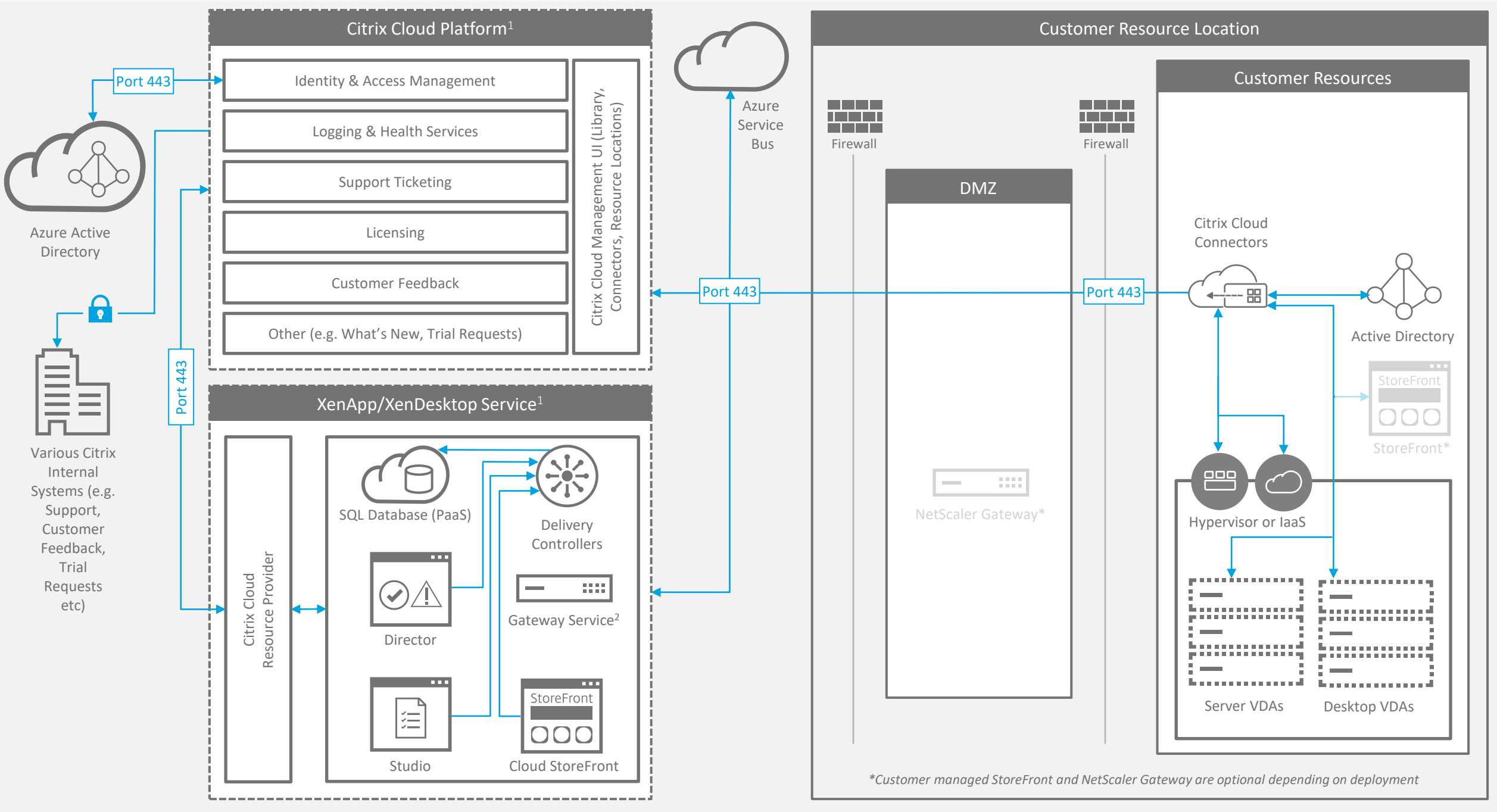
Better Together

CITRIX®

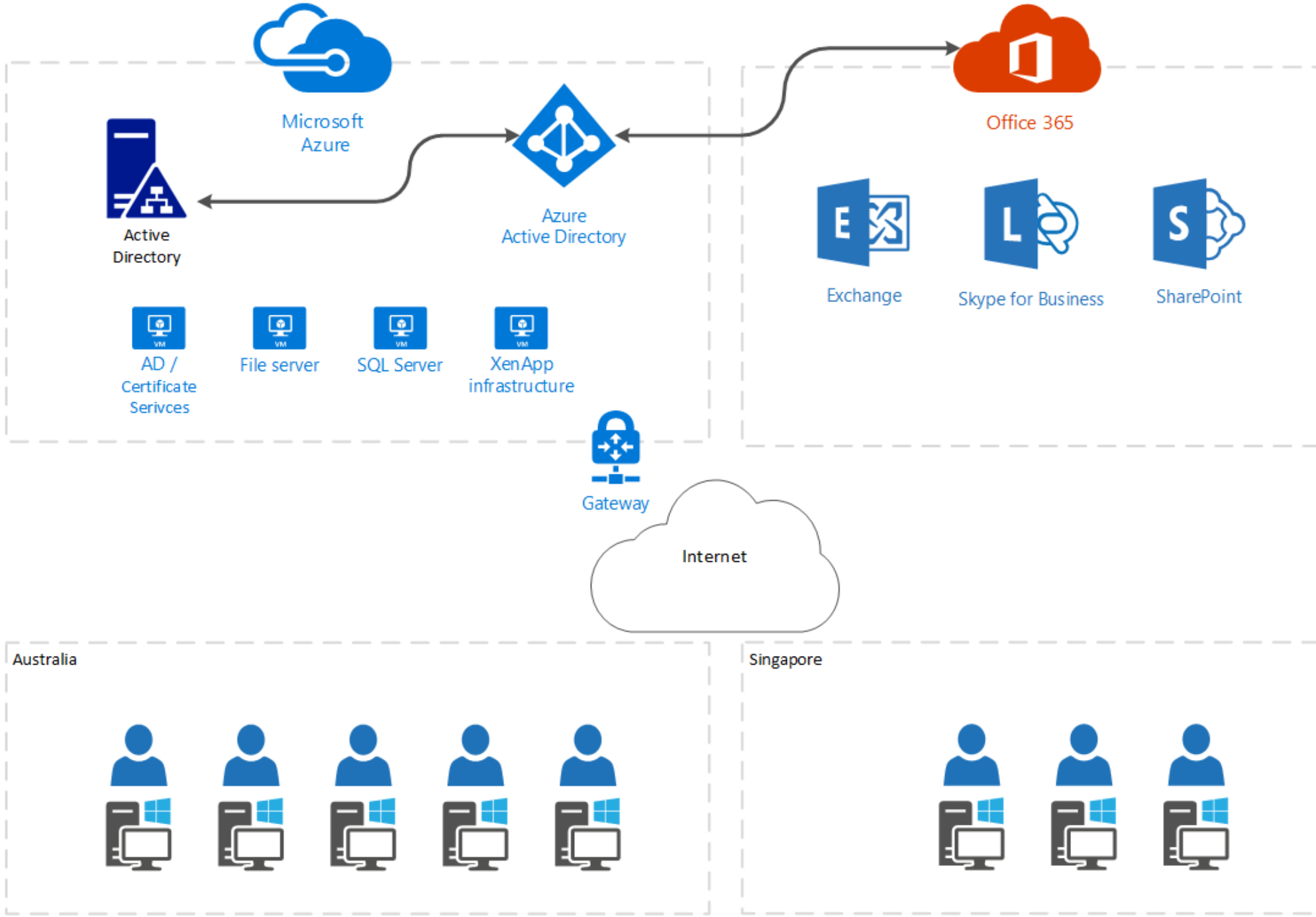


VMware Horizon Cloud on Azure

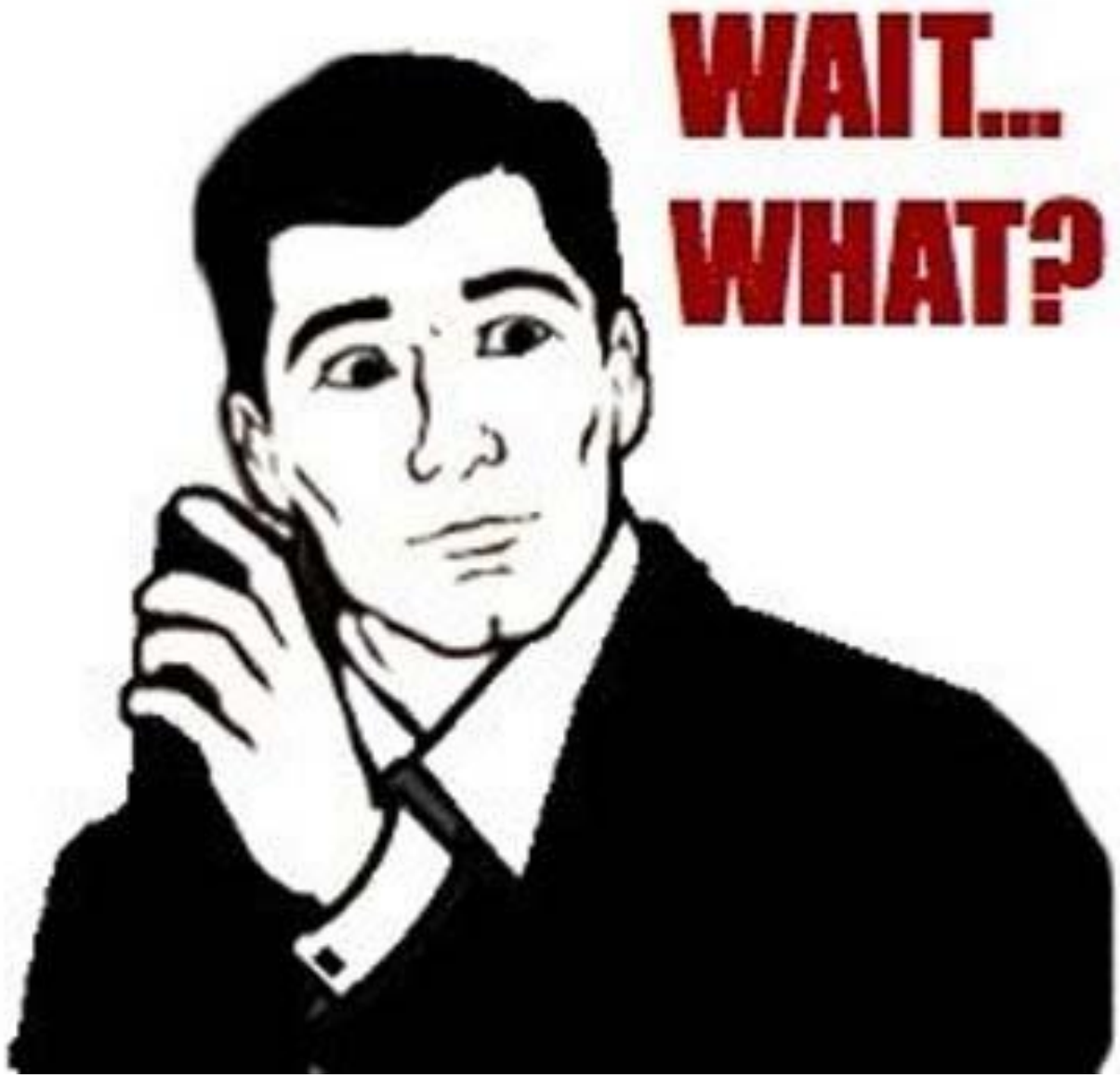
Citrix Synergy 2017



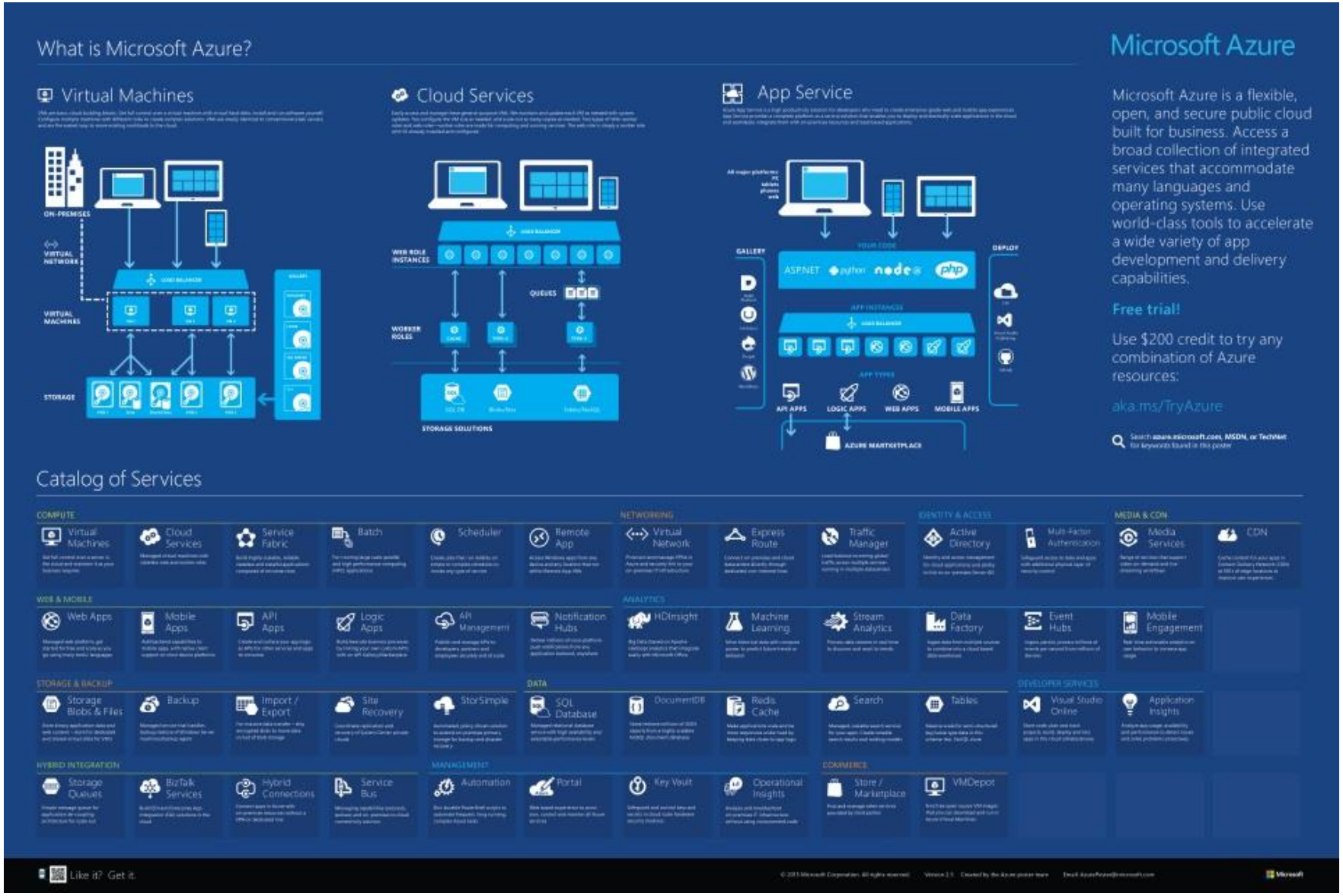
Last updated May 4th, 2017. All content is subject to change without notice


Microsoft
Azure
Office 365
Active
Directory
Azure
Active Directory
Exchange
Skype for Business
SharePoint
AD /
Certificate
Serivces
File server
SQL Server
XenApp
infrastructure
Gateway
Internet
Australia
Singapore

Azure AD & Policies Demo


WAIT...
WHAT?

34
Azure regions
More than AWS and
Google combined


What is Microsoft Azure?
Virtual Machines
ON-PREMISES
VIRTUAL NETWORK
VIRTUAL MACHINES
STORAGE
Cloud Services
WEB ROLE INSTANCES
QUEUES
WORKER ROLES
STORAGE SOLUTIONS
App Service
GALLERY
YOUR CODE
DEPLOY
ASP.NET
python
node
php
APP INSTANCE
APP TYPES
API APPS
LOGIC APPS
WEB APPS
MOBILE APPS
AZURE MARKETPLACE
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:
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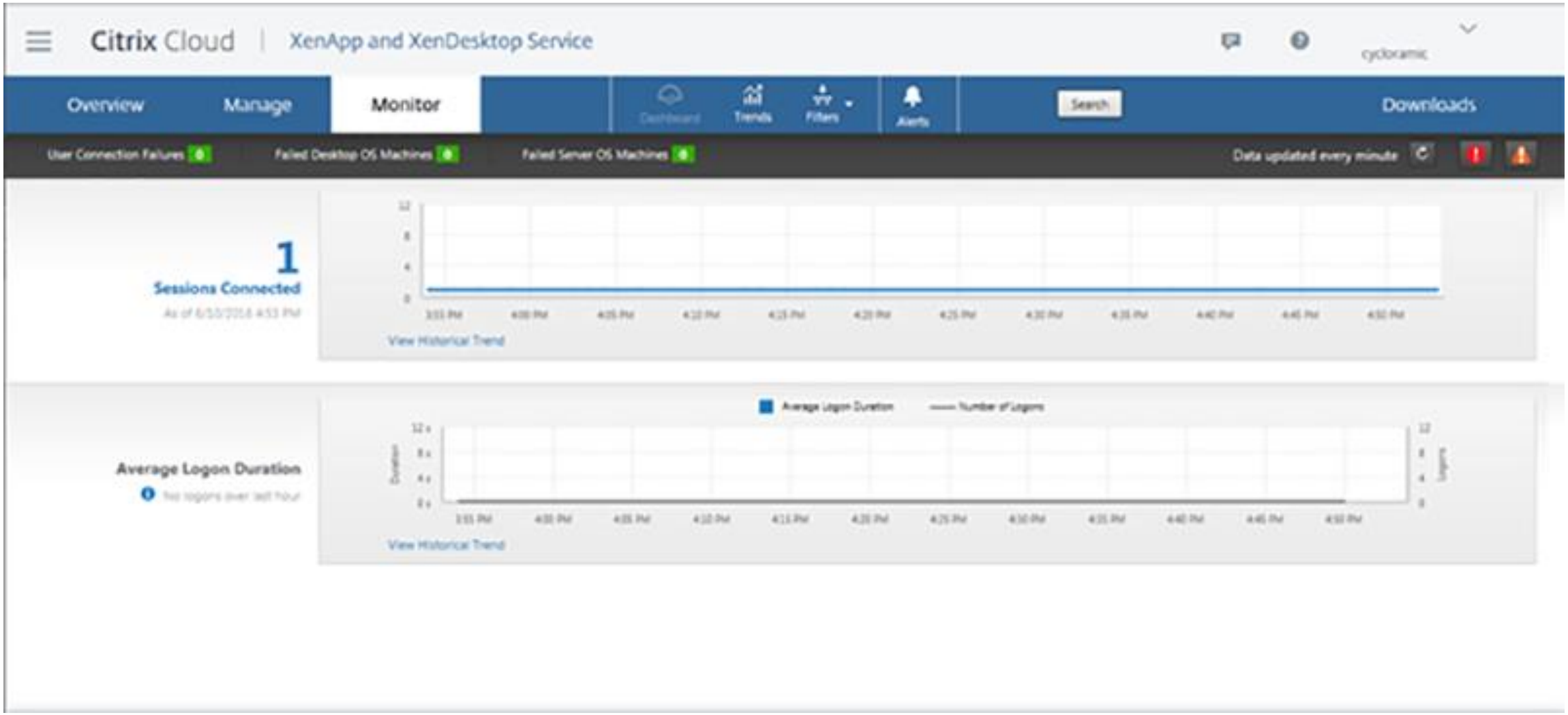
Catalog of Services
COMPUTE
Virtual Machines
Cloud Services
Service Fabric
Batch
Scheduler
Remote App
NETWORKING
Virtual Network
Express Route
Traffic Manager
IDENTITY & ACCESS
Active Directory
Multi-Factor Authentication
MEDIA & CDN
Media Services
CDN
WEB & MOBILE
Web Apps
Mobile Apps
API Apps
Logic Apps
API Management
Notification Hubs
ANALYTICS
HDInsight
Machine Learning
Stream Analytics
Data Factory
Event Hubs
Mobile Engagement
STORAGE & BACKUP
Storage Blobs & Files
Backup
Import / Export
Site Recovery
StorSimple
DATA
SQL Database
DocumentDB
Redis Cache
Search
Tables
DEVELOPER SERVICES
Visual Studio Online
Application Insights
HYBRID INTEGRATION
Storage Queues
BizTalk Services
Hybrid Connections
Service Bus
MANAGEMENT
Automation
Portal
Key Vault
Operational Insights
COMMERCE
Store / Marketplace
VMDepot
Like it? Get it.

64 bytes from 173.194.115.2: icmp_seq=220 ttl=57 t
time=11.971 ms
64 bytes from 173.194.115.2: icmp_seq=221 ttl=57 t
time=9.943 ms
64 bytes from 173.194.115.2: icmp_seq=222 ttl=57 t
time=9.984 ms
64 bytes from 173.194.115.2: icmp_seq=223 ttl=57 t
time=11.735 ms
64 bytes from 173.194.115.2: icmp_seq=224 ttl=57 t
time=9.866 ms
64 bytes from 173.194.115.2: icmp_seq=225 ttl=57 t
time=11.284 ms
CPU[
Mem[
Swp[
Tasks: 60, 38 thr; 2 runn
Load average: 1.19 0.65
Uptime: 42 days, 14:07:
PID USER PRI NI VIRT RES SHR S CPU%
mysql 20 0 491M 122M 3448 S 5.8
nginx 20 0 31320 4912 1788 S 2.9
apache 20 0 74420 9312 3252 S 2.4
apache 20 0 77288 12068 3272 S 2.4
apache 20 0 71876 8516 3136 S 2.4
F1Help F2Setup F3Search F4Filter F5Tree F6SortBy F7
Tasks: 95, 189 thr; 1 run
Load average: 0.46 0.44
Uptime: 09:52:16
PID USER PRI NI VIRT RES SHR S CPU%
CPU usage: 55.55% user, 25.46% sys, 18.98% idle

Fr., 19. Feb.
Fr., 26. Feb.
Fr., 4. März
Eindeutige Besucher
30
15
0
0 Std.
4 Std.
8 Std.
12 Std.
16 Std.
Suchmaschinen
SUCHMASCHINE
Google
DuckDuckGo
Ask


Citrix Cloud
XenApp and XenDesktop Service
cyclorama
Overview
Manage
Monitor
Trends
Filters
Alerts
Search
Downloads
User Connection Failures
Failed Desktop OS Machines
Failed Server OS Machines
Data updated every minute
1
Sessions Connected
View Historical Trend
Average Logon Duration
View Historical Trend

Ask a question about your data

PIA Demo Dashboard

ENVIRONMENT HEALTH & LOAD TIMES

Average Environment Health Score

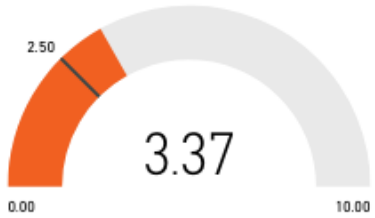
Average User Service Quality Score

Environment Daily Average Health Score

28.10

Todays Average Score

Excel Average Load Time (sec)



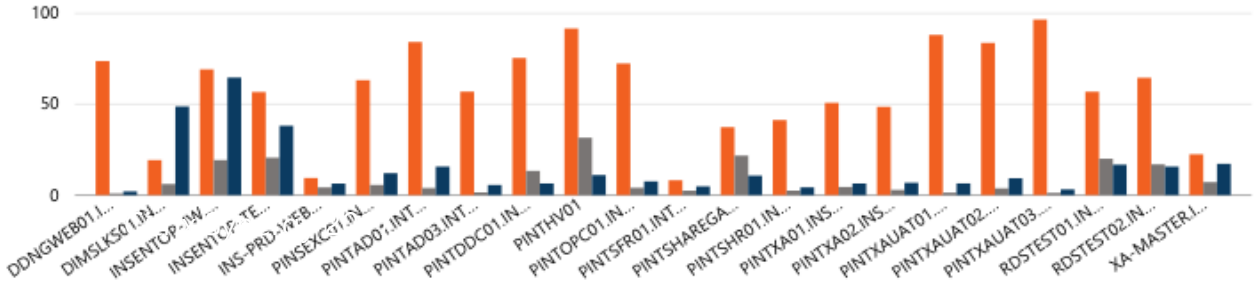
Citrix Desktop First Load Time (Sec)

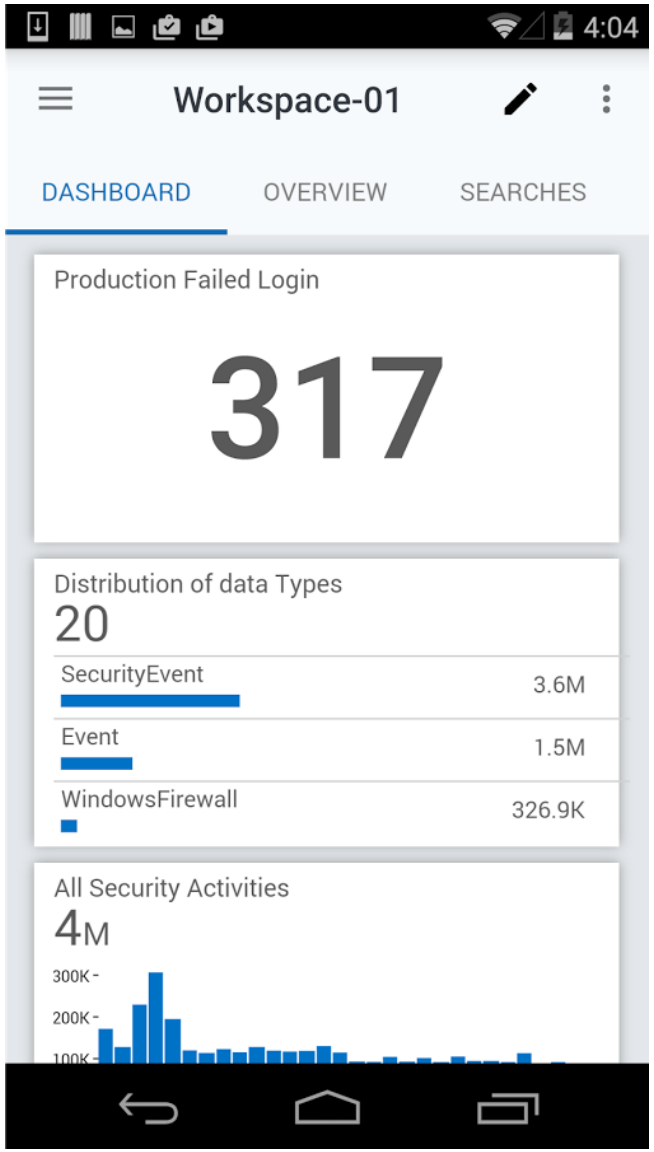
Environment Health Score & Service Quality

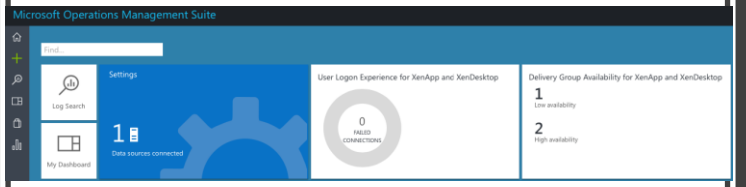
Outlook Average Load Time (Sec)

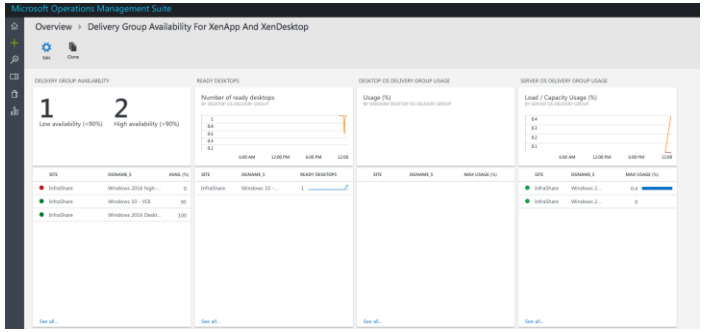
Word Average Load Time (Sec)

Average Monthly Resource Consumption









Microsoft OMS

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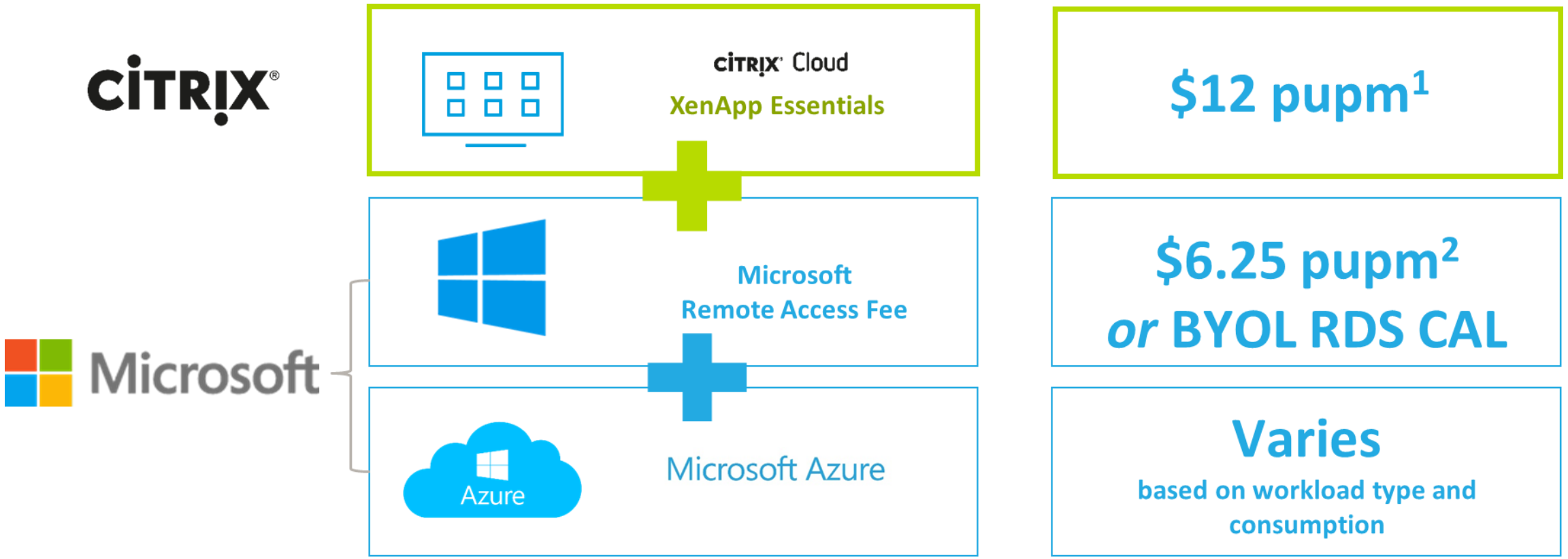
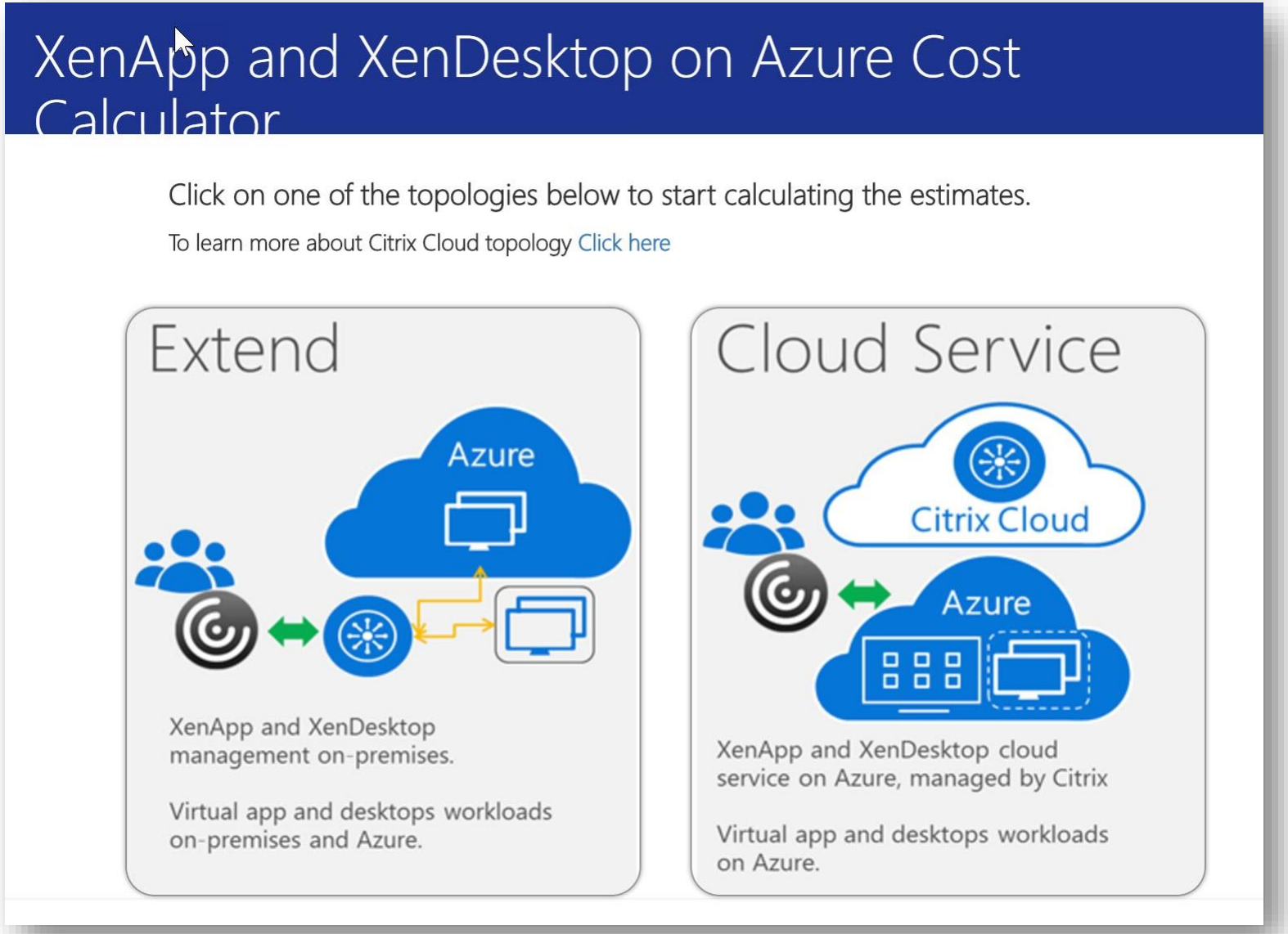
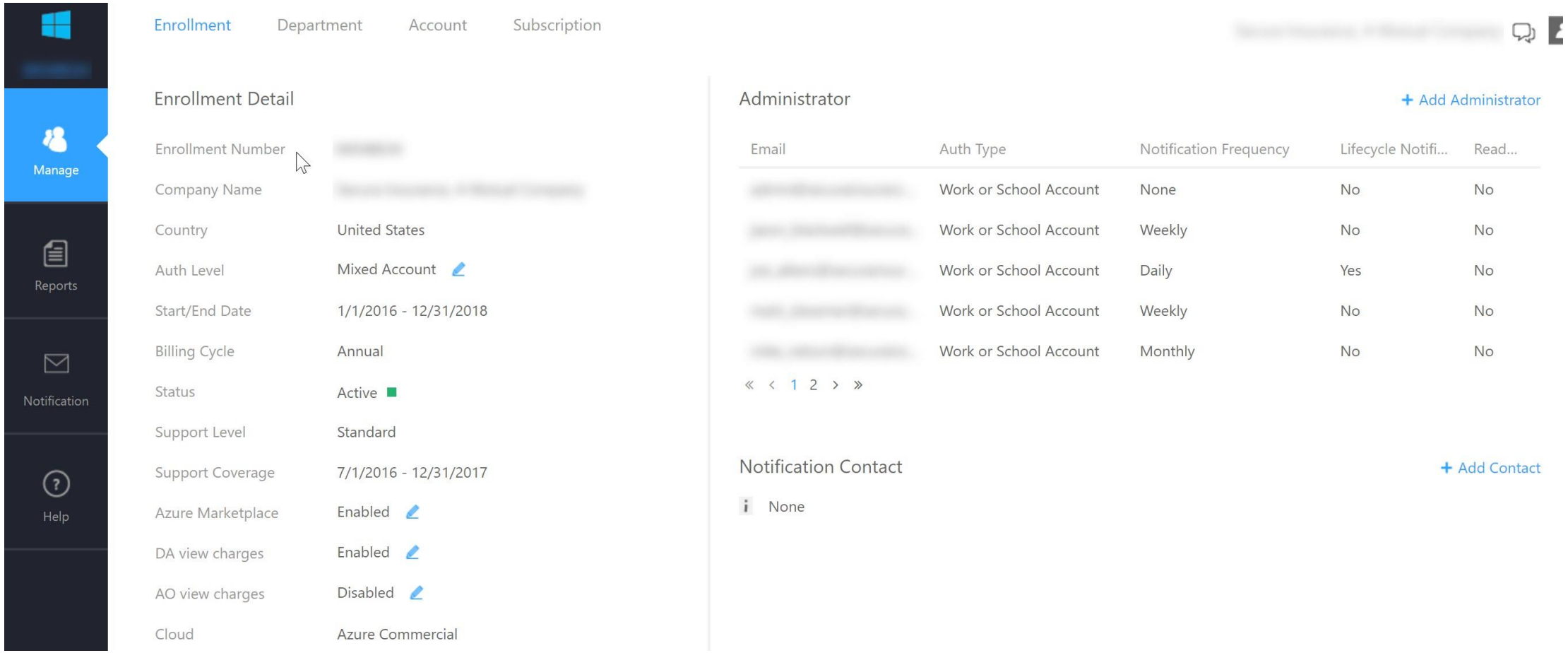
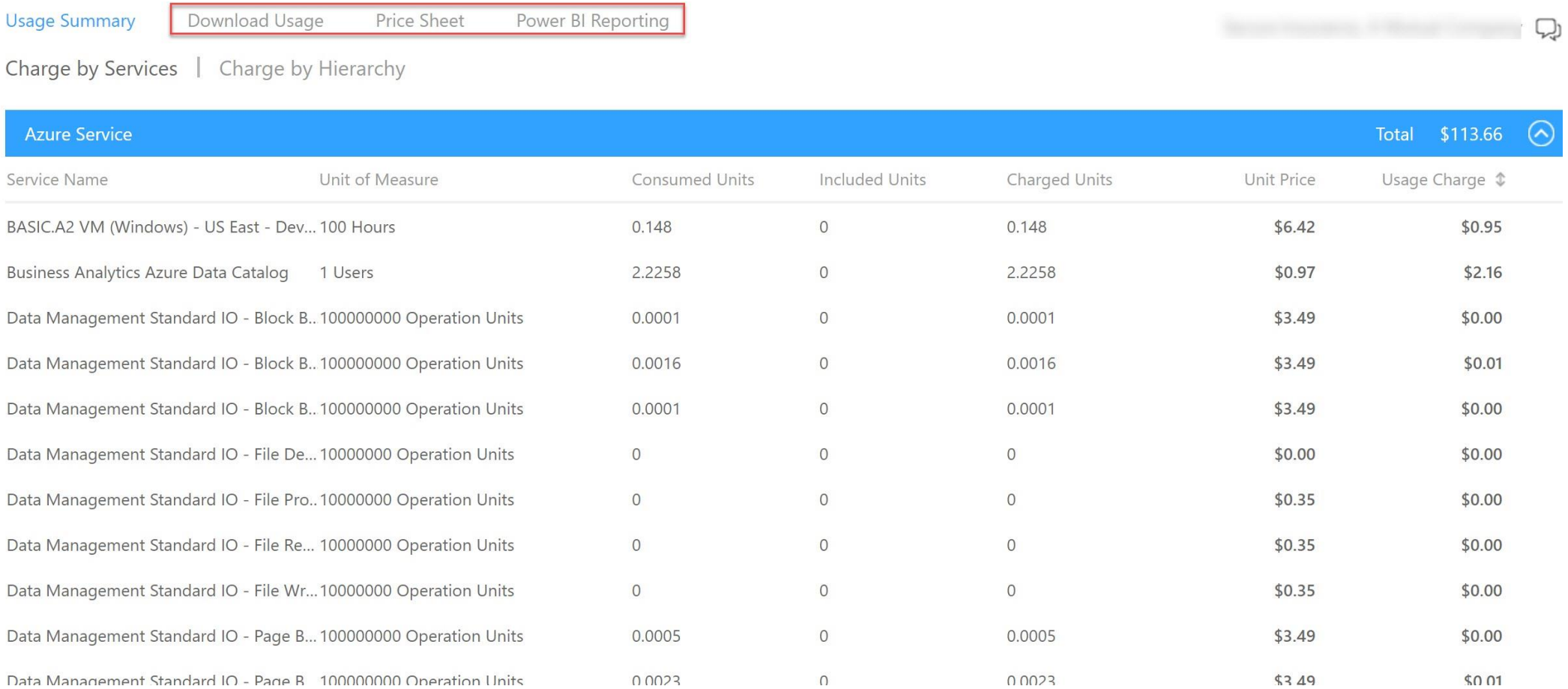

CITRIX
CITRIX Cloud
XenApp Essentials
$12 pupm1
Microsoft
Microsoft
Remote Access Fee
$6.25 pupm2
or BYOL RDS CAL
Azure
Microsoft Azure
Varies
based on workload type and consumption

https://costcalculator.azurewebsites.net/costCalculator





Azure EA Portal



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

84·342 DC

More Demos

Next Steps

Azure	Hook up with Azure
Automate	Learn PowerShell, Azure CLI, Portal
Connect	Join a User Group

Thank You!