



Managing Azure for Citrix Admins – Part Deux

CUGC User Share XL Cloud
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Points

Review

Service Status

Tips

Demos & Visuals

Azure Monitor, Analytics, Network Watcher

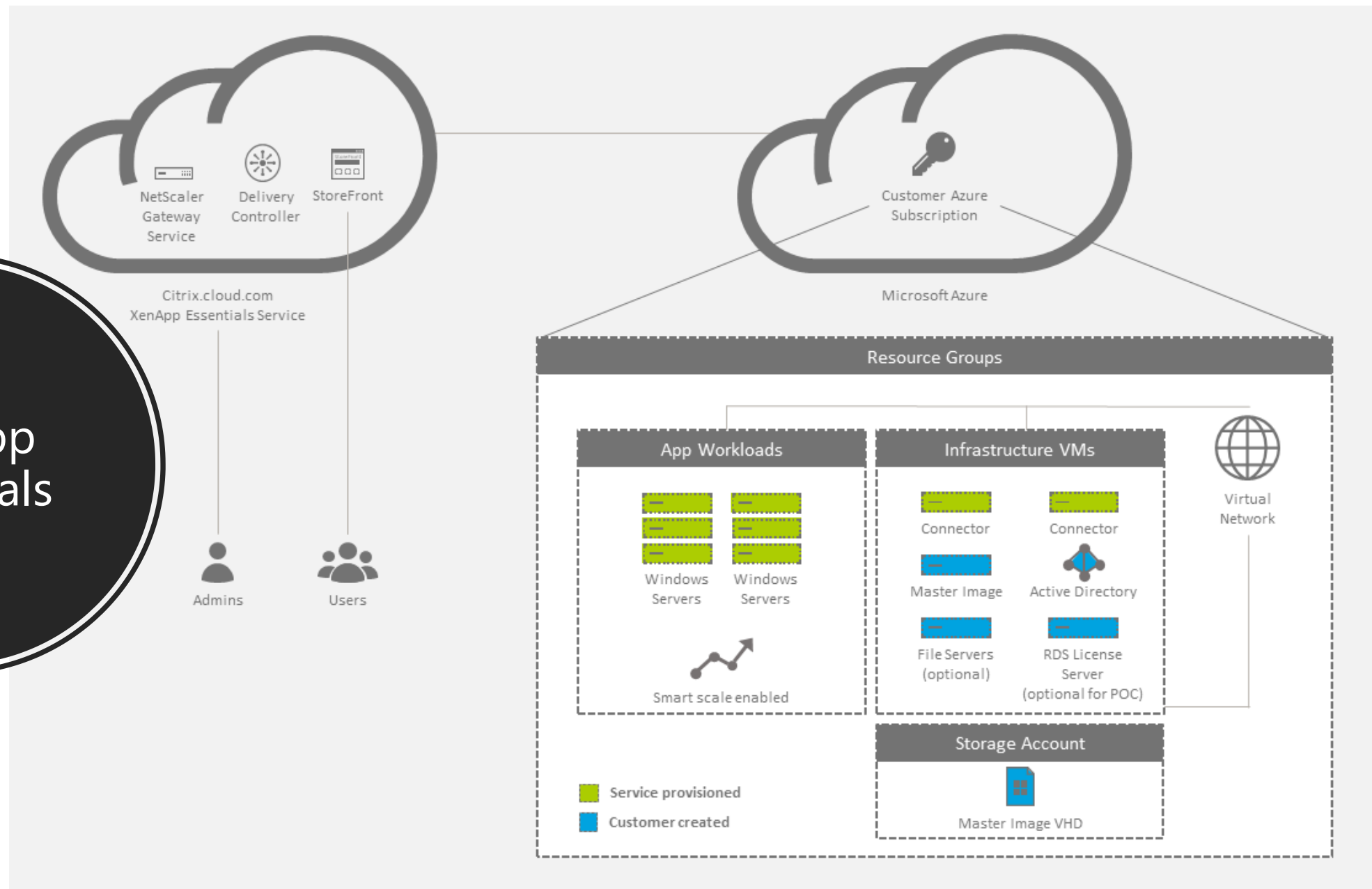
Monitoring with Open Source



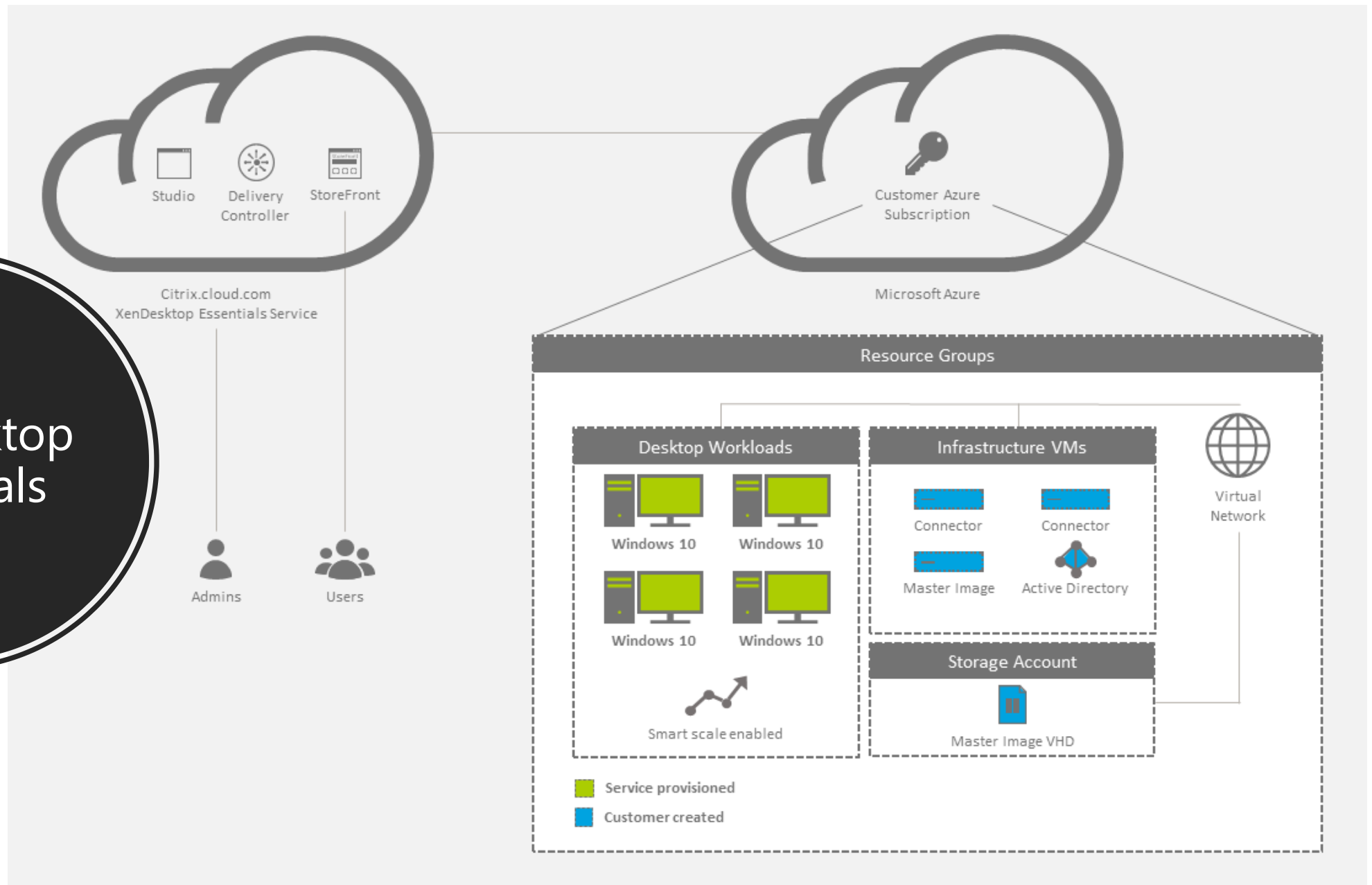


Review

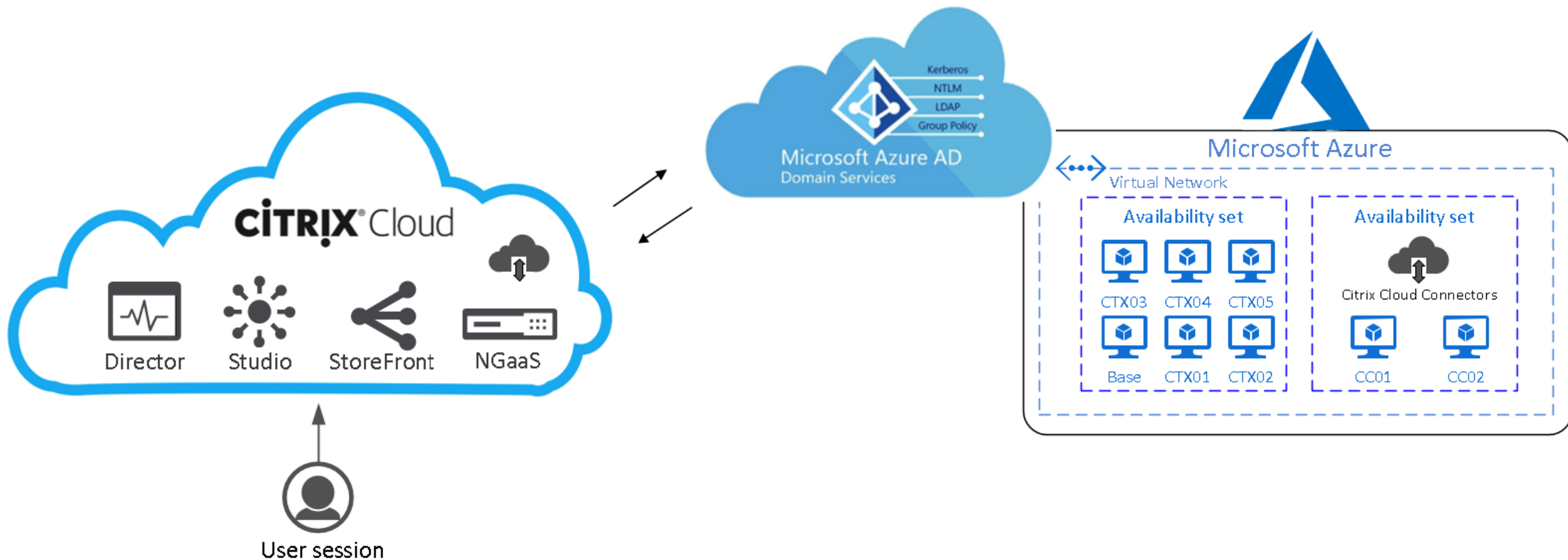
XenApp Essentials



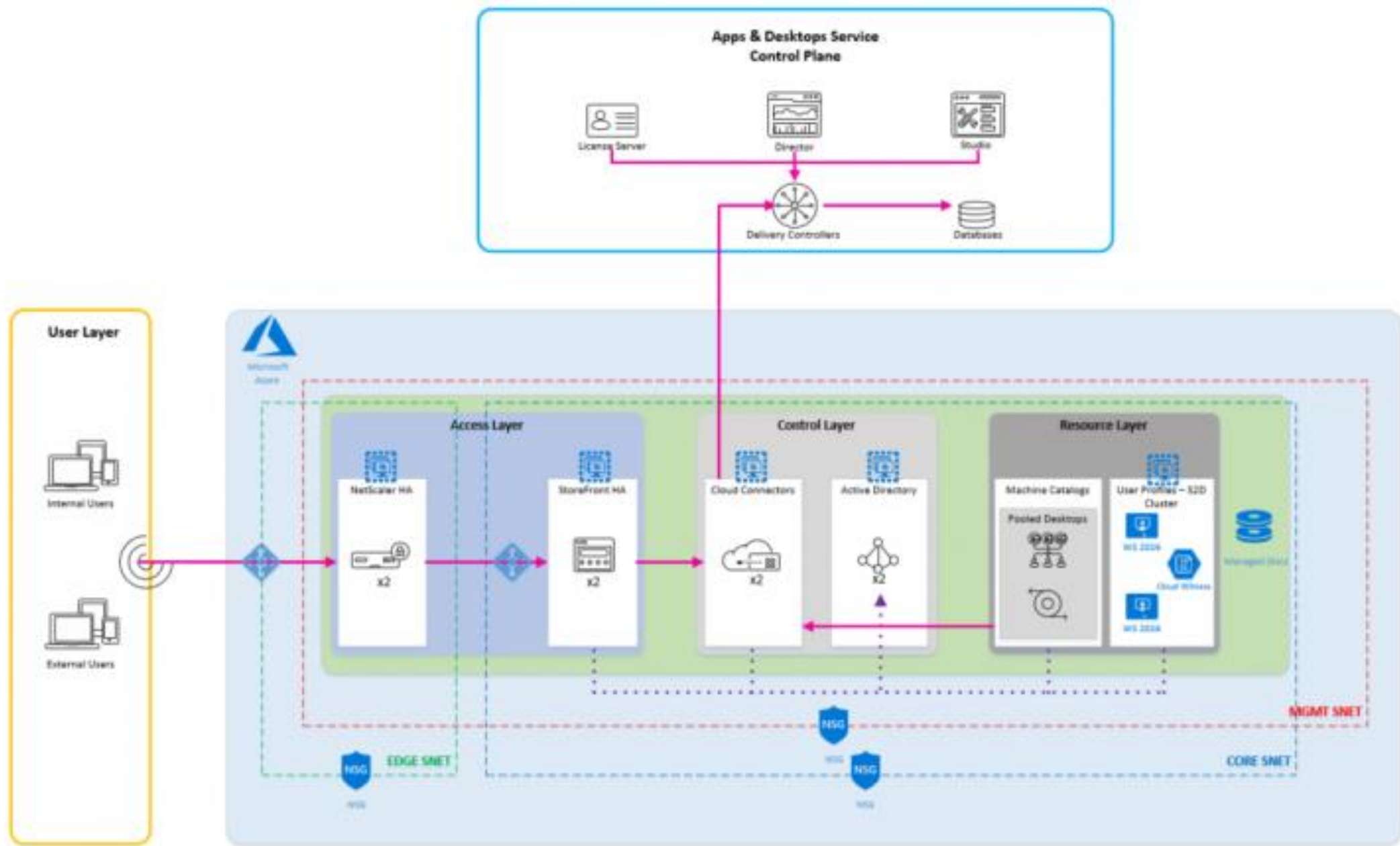
XenDesktop Essentials



Citrix On Azure



Credit: Christiaan Brinkhoff



Credit: JP Alfero – Cloud Success Engineer (Cloud Guidepost Series)

Accountability & Responsibility

Citrix's goal is to maintain at least 99.9% availability in any 30 calendar day period. Service interruptions and scheduled maintenance can be monitored on an ongoing basis at <http://status.cloud.com>.

Limitations

The calculation of this Service Level Goal will not include loss of availability from the following causes:

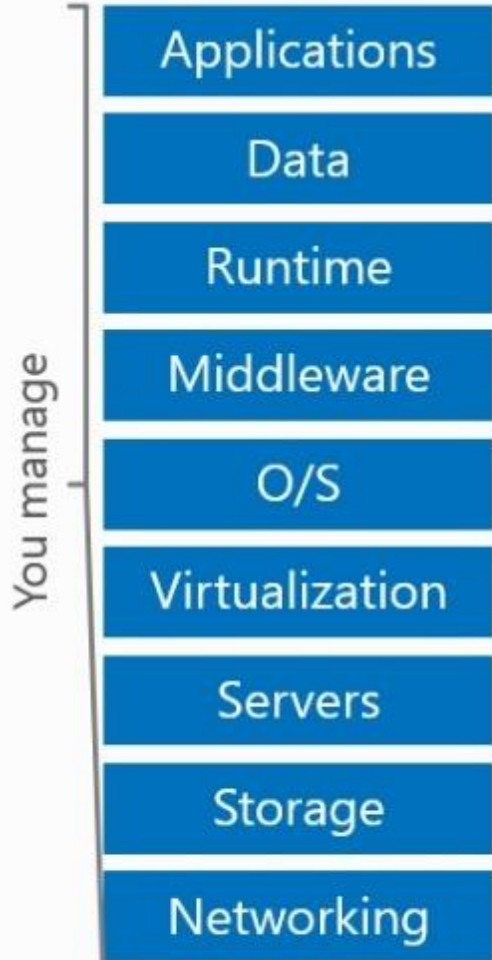
Customer failure to follow configuration requirements for Citrix Cloud documented on <http://docs.citrix.com/en-us/citrix-cloud.html>.

Any component not managed by Citrix including, but not limited to, customer controlled physical and virtual machines, customer installed and maintained operating systems and software, customer installed and controlled networking equipment or other hardware; customer defined and controlled security settings, group policies and other configuration policies; public cloud provider failures, Internet Service Provider failures or other external to Citrix's control.

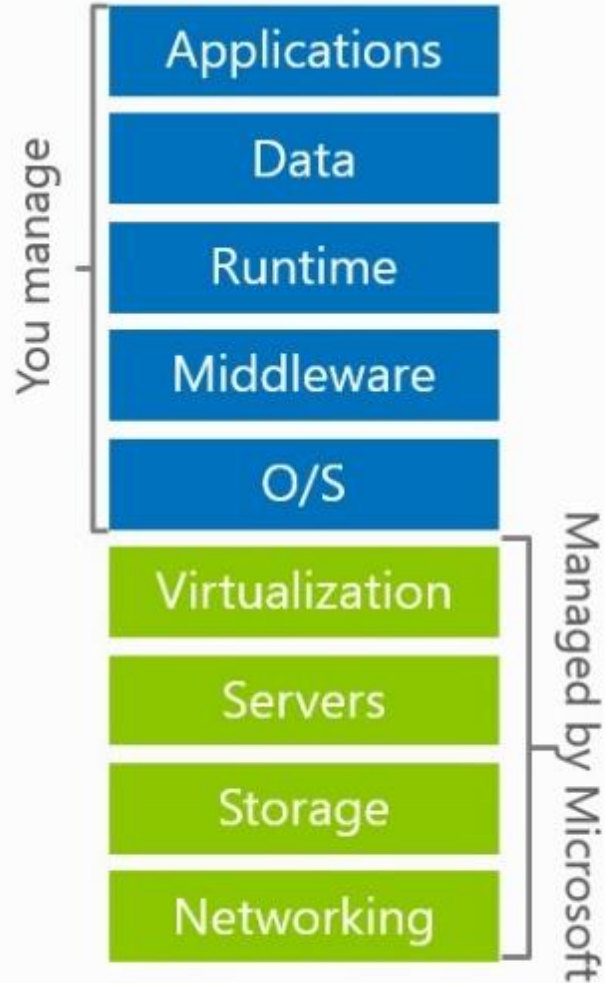
Service disruption due to reasons beyond Citrix's control, including natural disaster, war or acts of terrorism, government action.

Cloud Models

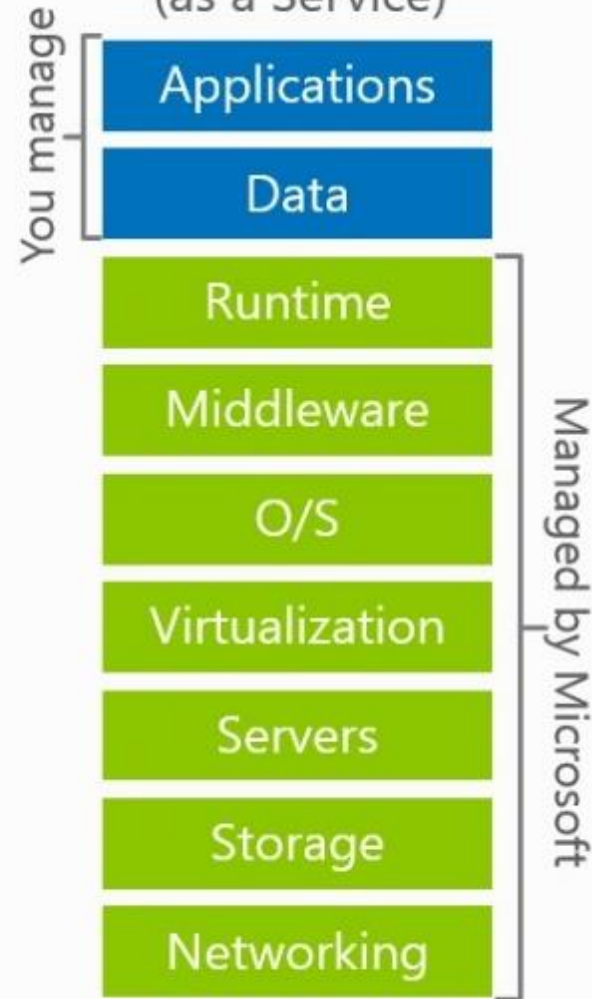
On Premises



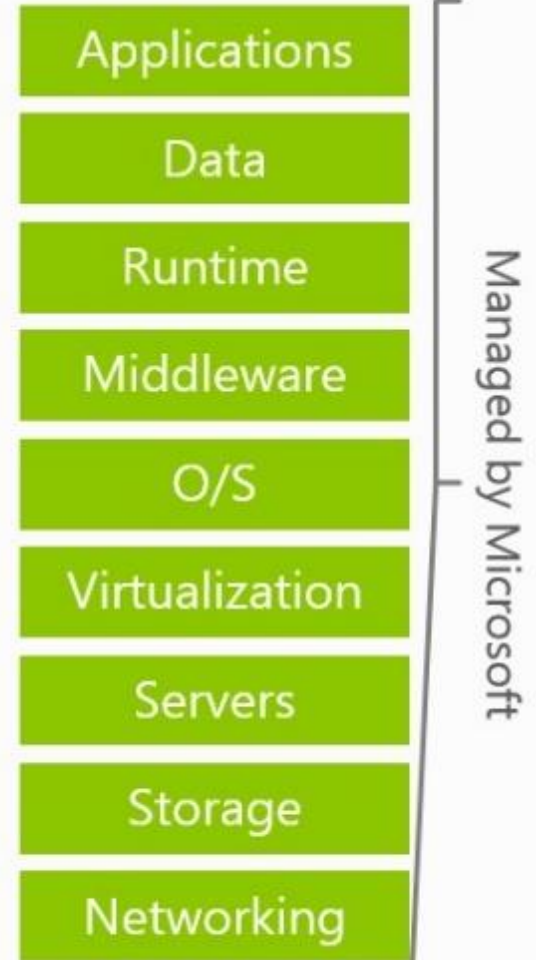
Infrastructure (as a Service)

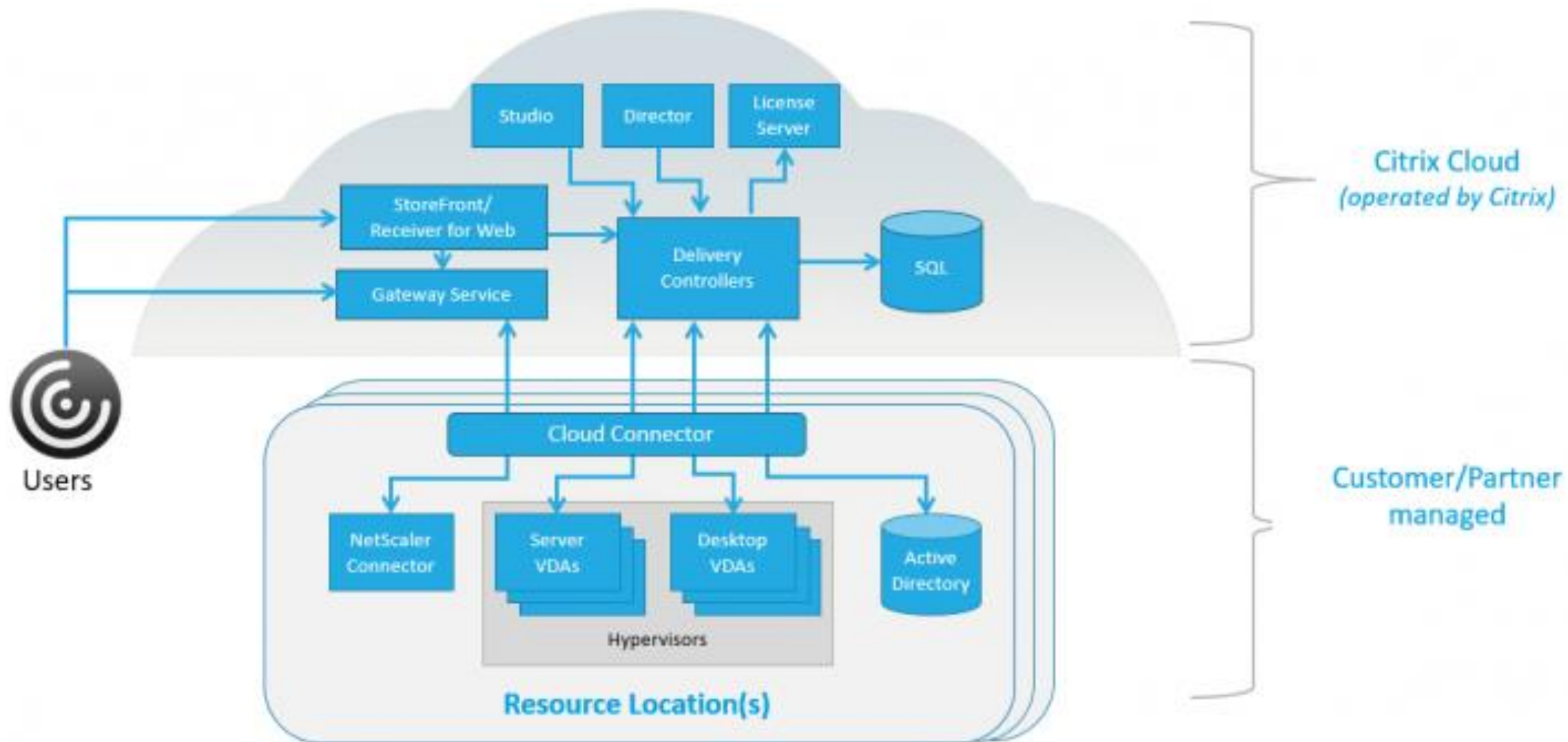


Platform (as a Service)

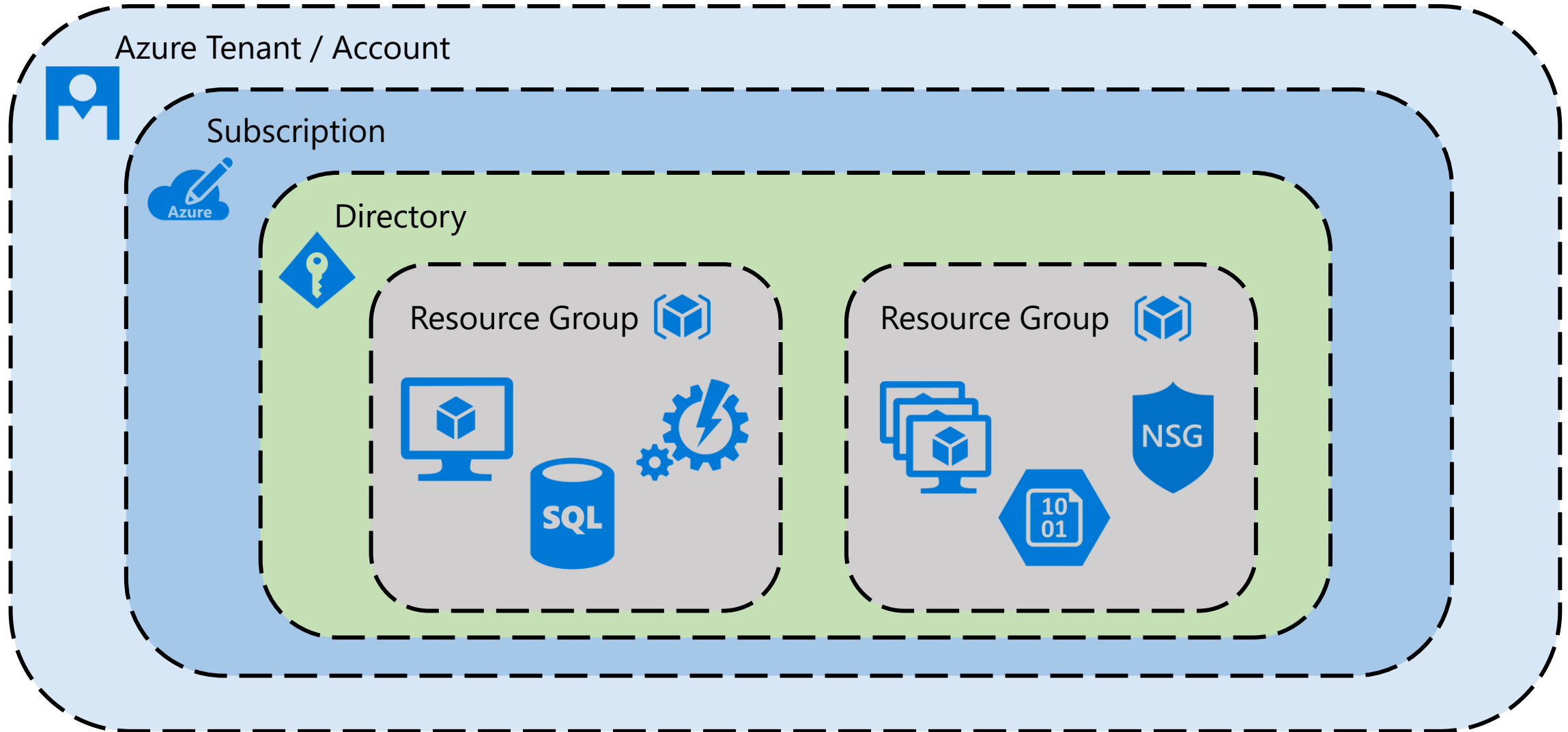


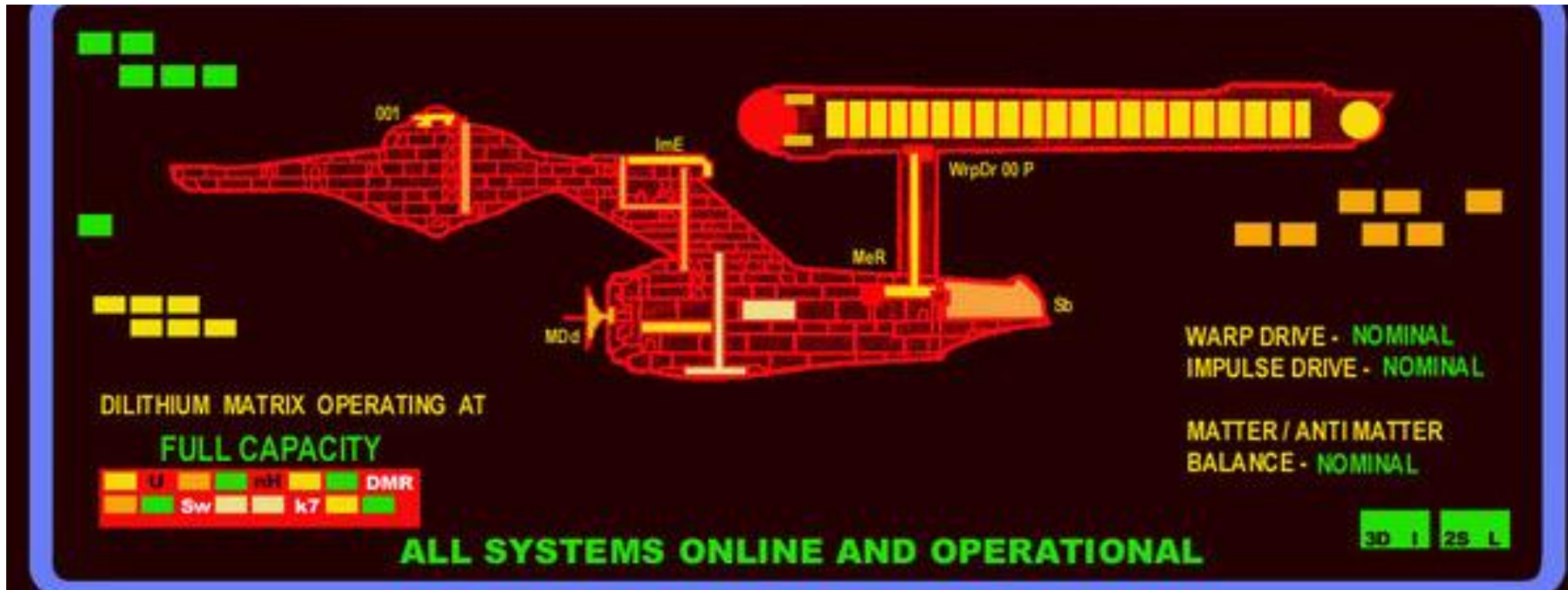
Software (as a Service)





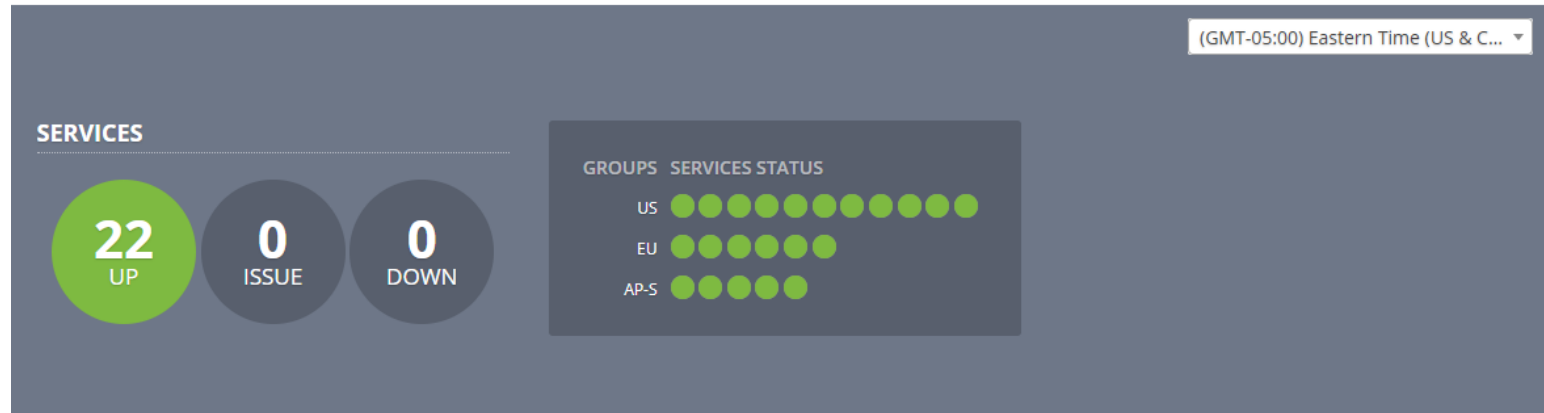
Credit: JP Alfero – Cloud Success Engineer (Cloud Guidepost Series)












Service Status

<https://status.cloud.com>



SERVICES HISTORY

● Service is operating normally ● Performance issues ● Service disruption

US								Previous week >	First week >
SERVICE NAME	TODAY	8 JUN	7 JUN	6 JUN	5 JUN	4 JUN	3 JUN		
Citrix Cloud									
XenApp and XenDesktop Service									
ShareFile									
XenMobile Service									

https://azure.microsoft.com/en-us/status

Microsoft Azure

Contact Sales: 1-800-867-1389 Search My account

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Azure status

Last updated 2 seconds ago

Services are operating normally.

Get a personalized view of the health of your Azure services


Go to your personalized dashboard

Status history

Refresh every 2 minutes

Good Warning Error Information


	Americas	Europe	Asia Pacific	Azure Government								
PRODUCTS AND SERVICES	NON-REGIONAL*	EAST US	EAST US 2	CENTRAL US	NORTH CENTRAL US	SOUTH CENTRAL US	WEST CENTRAL US	WEST US	WEST US 2	CANADA EAST	CANADA CENTRAL	BRAZIL SOUTH
COMPUTE												
Virtual Machines		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SAP HANA on Azure Large Instances		✓						✓				
Cloud Services		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Virtual Machine Scale Sets		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



CloudSquare


Service Status


Monitoring provided by


Panopta


never blinks.

Share









▼ Filter

Include the following types of services ⓘ



Compute



Storage



CDN



DNS

Service/Availability Regions ⓘ

☐ North America

☐ Asia

☐ South America

☐ Oceania

☐ Europe

☐ Africa

Show availability for ⓘ

1 Wk

2 Wk

1 Mth

Group Records By ⓘ

Service Type

Provider

Merge Regions ⓘ

Yes

No

Providers

☒ Microsoft Azure

Showing 74 services and regions

↑ Service Up

↓ Service Down

🔧 Maintenance

▼  Compute

Service Name	Region	Status	30 Day Availability	1 block = 1 mins	Outages	▲ Downtime
Microsoft Azure Virtual Machines	asia-east	↑	100%	<div></div>	0	None
Microsoft Azure Virtual Machines	asia-southeast	↑	100%	<div></div>	0	None
Microsoft Azure Virtual Machines	australia-east	↑	100%	<div></div>	0	None
Microsoft Azure Virtual Machines	australia-southeast	↑	100%	<div></div>	0	None
Microsoft Azure Virtual Machines	brazil-south	↑	100%	<div></div>	0	None
Microsoft Azure Virtual Machines	canada-central	↑	100%	<div></div>	0	None
Microsoft Azure Virtual Machines	canada-east	↑	100%	<div></div>	0	None

eGInnovations

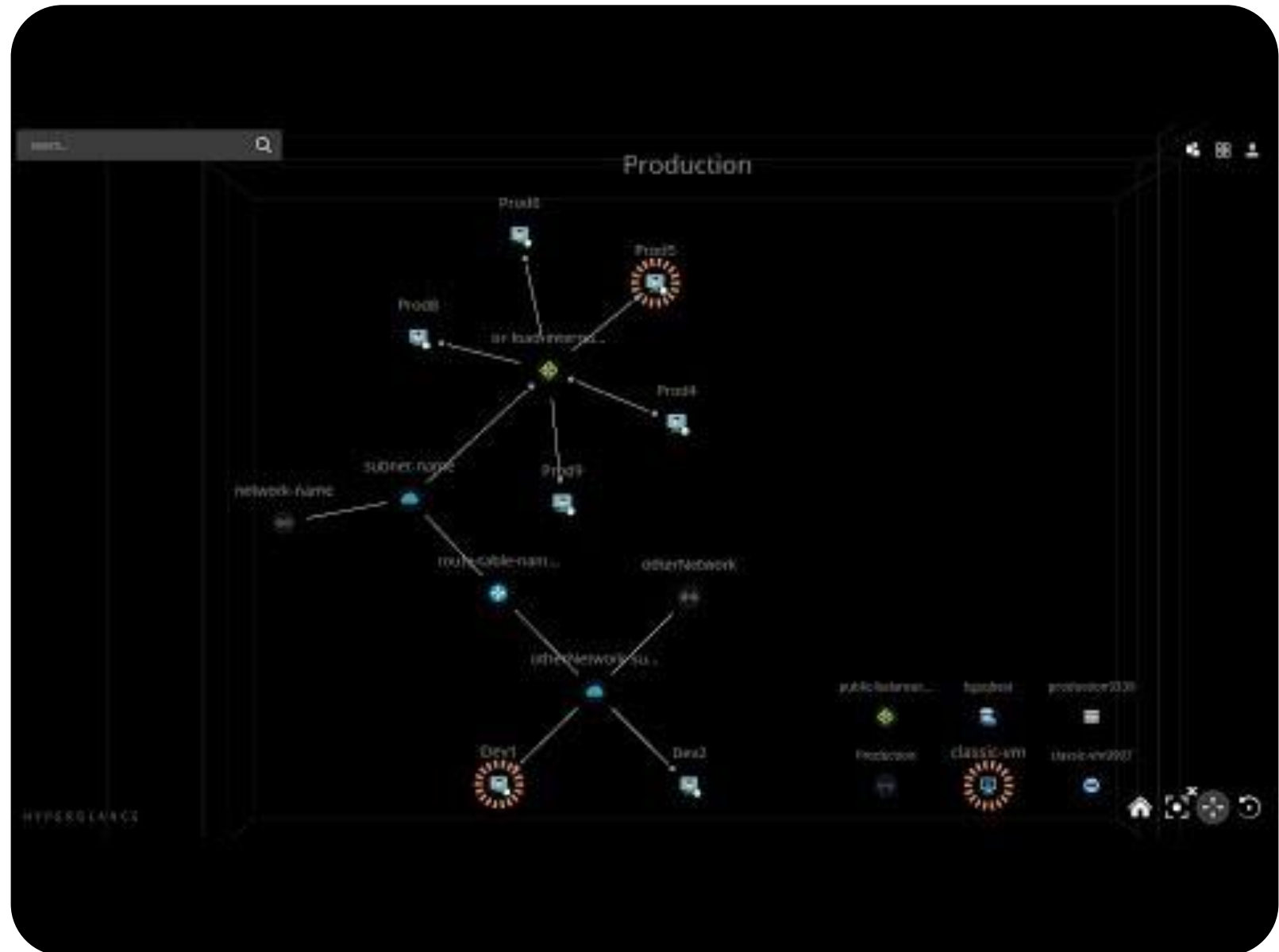


Goliath Technologies



Others??

Hyperglance





Tips

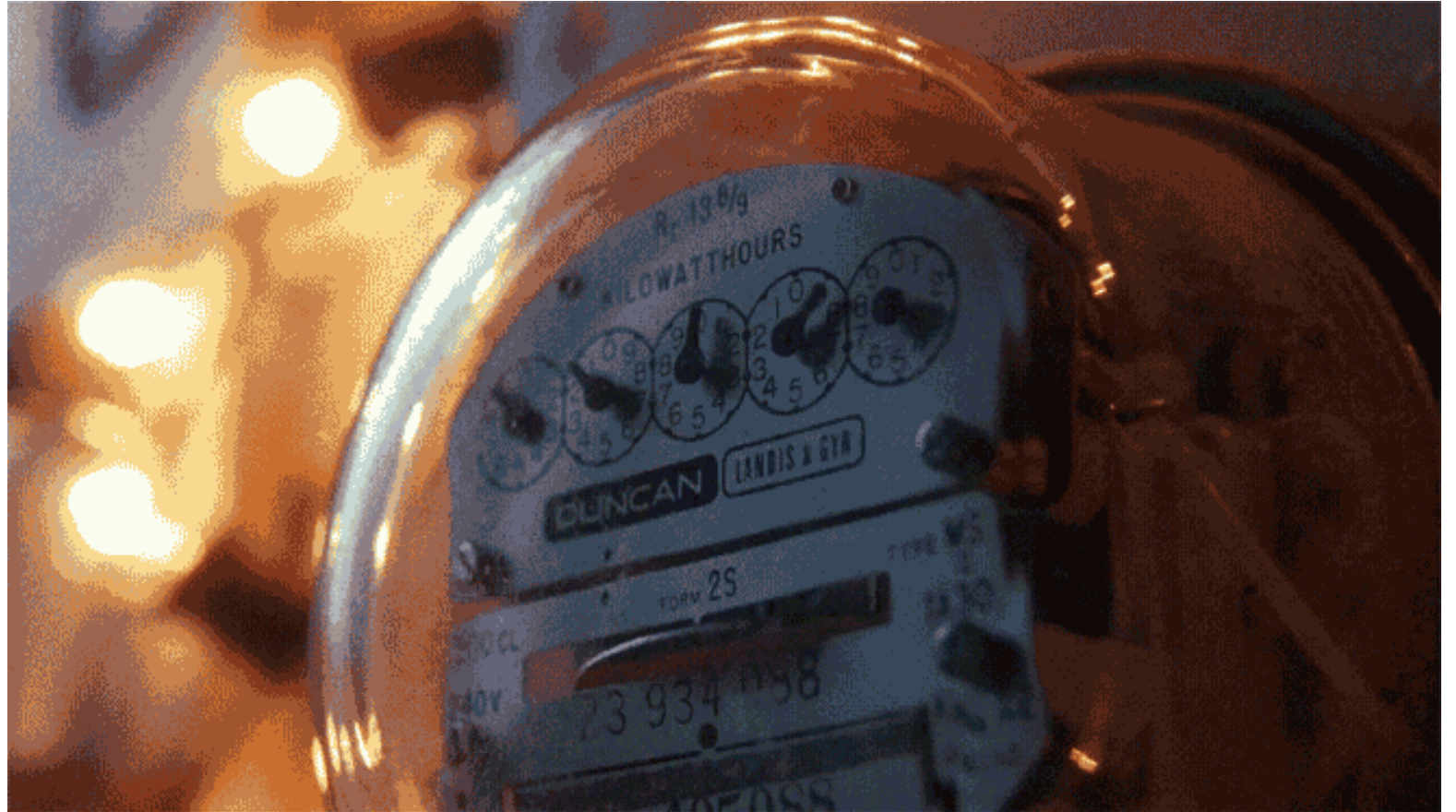
Shifting Baseline Syndrome

The belief that what we perceive is what's normal, not taking into account the full extend of the past nor potential for future events.

The syndrome is named after scientist Daniel Pauly, who said that each generation accepts "as a baseline the stock size and species composition that occurred at the beginning of their careers, and uses this to evaluate changes. When the next generation starts its career, the stocks have further declined, but it is the stocks at that time that serve as the new baseline."

Therefore **what is "normal" is constantly changing.**

Consumption



Watch Your Spend

WestUS 2

DS1_v2	Standard	General purpo	1	3.5	4	3200	7 GB	SSD	1,2,3	\$42.41
DS2_v2	Standard	General purpo	2	7	8	6400	14 GB	SSD	1,2,3	\$84.82
DS3_v2	Standard	General purpo	4	14	16	12800	28 GB	SSD	1,2,3	\$170.38
DS4_v2	Standard	General purpo	8	28	32	25600	56 GB	SSD	1,2,3	\$340.75

South Central US

DS1_v2	Standard	General purpos	1	3.5	4	3200	7 GB	SSD		\$47.62
DS2_v2	Standard	General purpos	2	7	8	6400	14 GB	SSD		\$94.49
DS3_v2	Standard	General purpos	4	14	16	12800	28 GB	SSD		\$188.98
DS4_v2	Standard	General purpos	8	28	32	25600	56 GB	SSD		\$378.70

50 regions worldwide

140 available in 140 countries



Be Aware of your Limits

<https://docs.microsoft.com/en-us/azure/azure-subscription-service-limits>

Resource	Default Limit	Max Limit
Cores per sub	20	10,000
VMs per sub (RM)	20 per region	10,000 per region
VM total cores (RM)	20 per region	10,000 per region
VM per series	20 per region	10,000 per region
Resource Groups per sub	800	800
RM API Reads	15000 per hour	15000 per hour
RM API Writes	1200 per hour	1200 per hour
RM API Request Size	4194304 bytes	4194304 bytes
VMs per cloud service (ASM)	50	50



Open Source – Websites - Toolsets - Frameworks

- > <https://www.azure-speed.com> - Azure Latency, CDN, Storage, and Info site
- > <https://azurespeedtest.azurewebsites.net> - Latency measurements to Blob Storage
- > <https://cloudharmony.com> - Most things cloud and cloud testing
- > https://bgp.he.net/AS8075#_graph4 – Blame the network ;-)

- > Azure API's
- > PowerShell & CloudShell
- > Windows Admin Center

- > Grafana, Elastic Stack, Prometheus, Graphite, Telegraf, LogStash, Kibana, etc...
- > Integrate with Zabbix, Nagios, Cacti, Icinga, OpenNMS, etc...



Your PC ran into a problem and needs to restart. We're just collecting some error info, and then we'll restart for you.

25% complete



For more information about this issue and possible fixes, visit
<http://windows.com/stopcode>

If you call a support person, give them this info:
Stop code: CRITICAL_PROCESS_DIED

Demos

@nelmedia mike@geektweakers.com

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Cloud 2018

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