

T03 – The Easy Peasy of Troubleshooting Azure

Mike Nelson

Level: Beginner - Intermediate

HERE

Change is ~~Coming~~. Are You Ready?



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Microsoft MVP - CDM

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Citrix CTP

VMware vExpert



Discussions

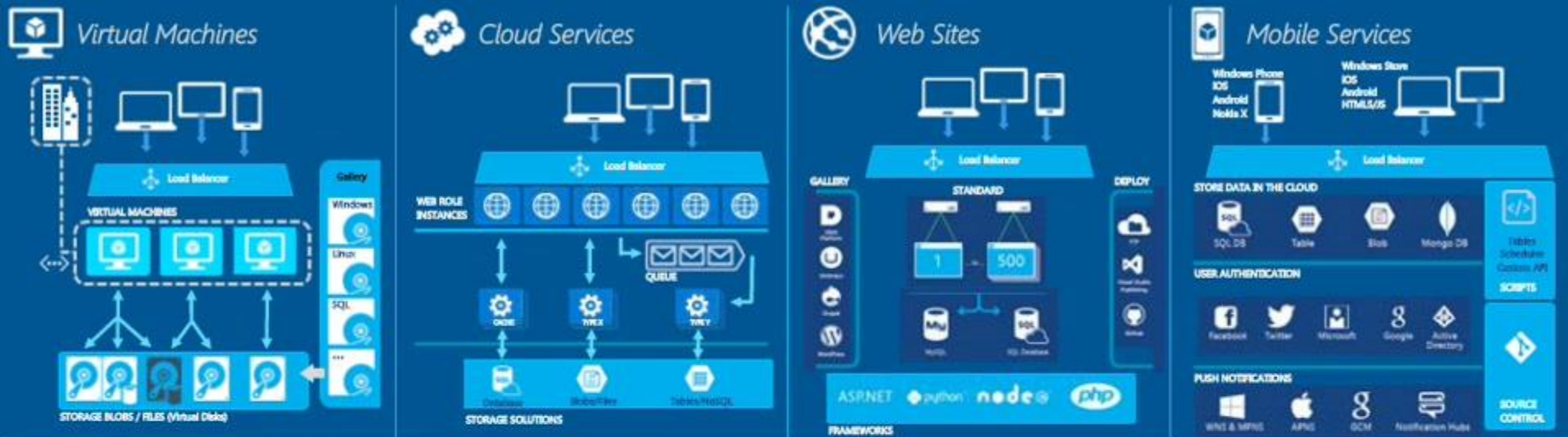
- > The wide, wide, wide world of Azure & our scope
- > Same, but Different
- > Toolsets
- > Demos



No, it's not always easy.



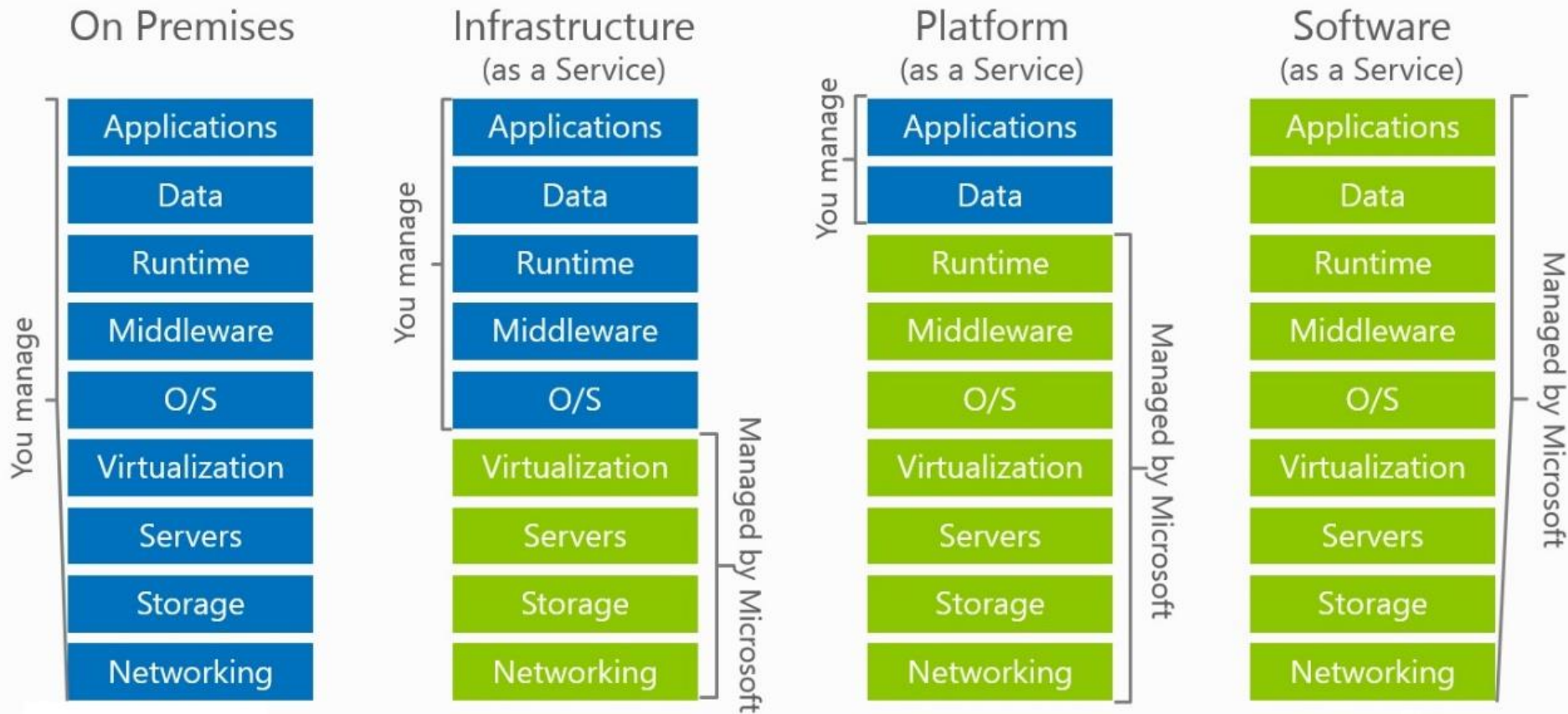






Single pane of glass monitoring is a myth

Cloud Models

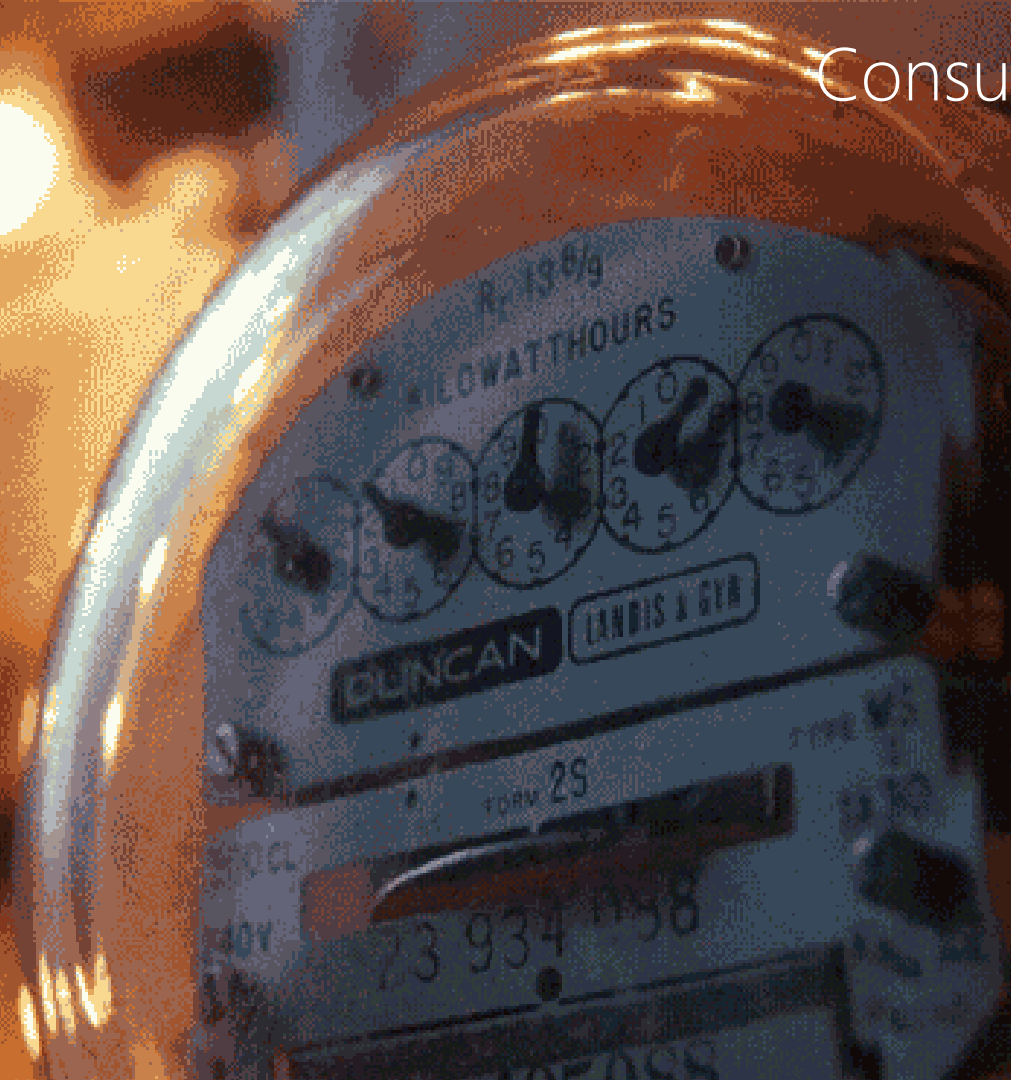




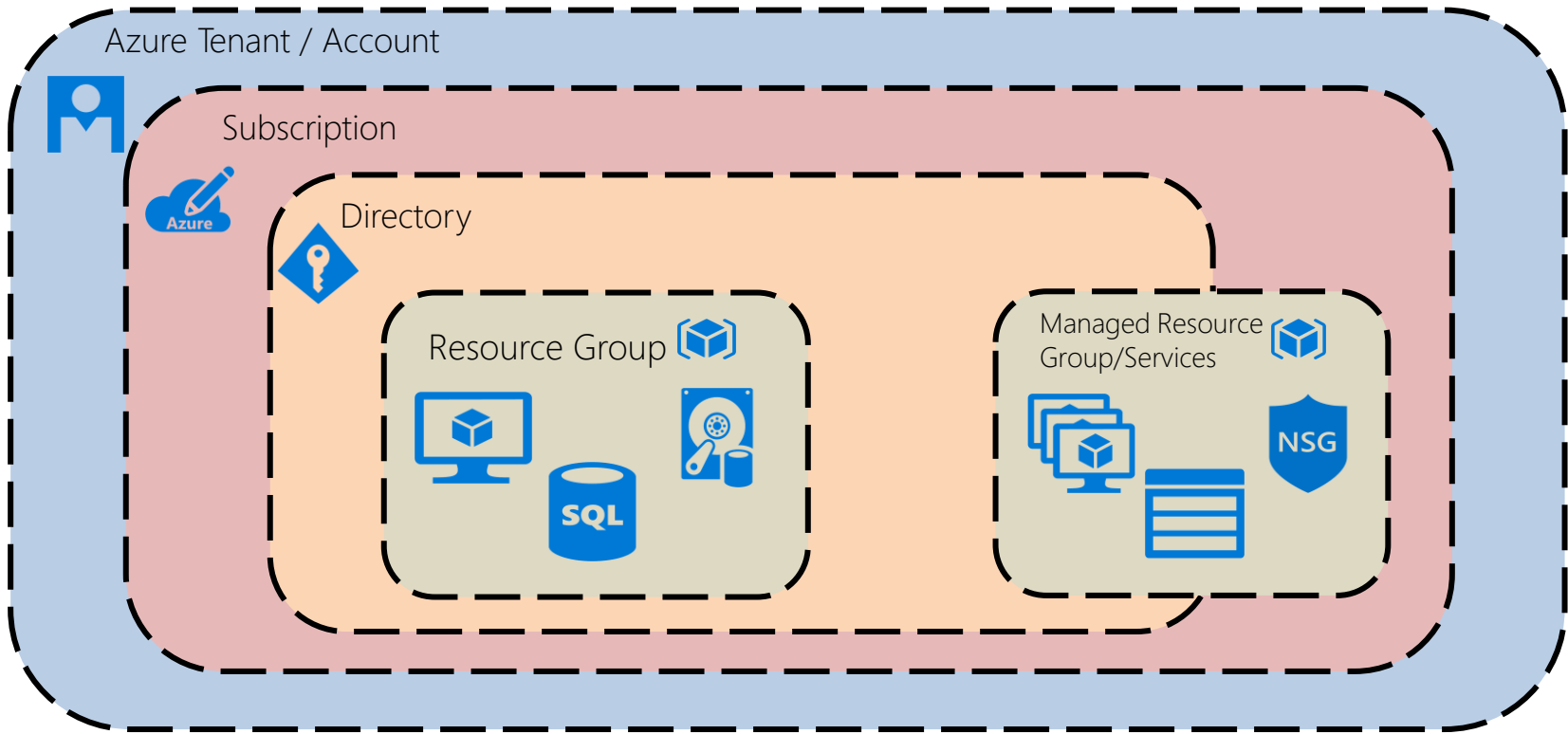


Consumption & Limits

Tip: ARO Toolkit



Troubleshooting POI



Toolsets

- > IBT's -> In-Box Tools
- > ICT's -> In-Cloud Tools
- > Hybrid Tools
- > External Tools -> MS and 3rd Party

IBT's

- > RSAT (as of late...)
- > .msc's
- > PerfMon
- > Task Manager
- > PowerShell
- > System Insights (2019+)
- > Linux tools – netstat, dig, *top, vmstat, nmon, etc.

ICT's

- > Service Health
- > Monitor → Alerts, Analytics, Logs, and more
- > Advisor
- > Security Center
- > AAD Health
- > Troubleshooter → Individual resources
- > Network Watcher → packets, wire data, connectivity

Hybrid

- > SCCM
- > OMS
- > Most ICT's
- > Windows Admin Center
- > 3rd party Marketplace/install & hybrid

External

- > CloudHarmony, AzureSpeed, & AzureSpeedTest
- > Hurricane Electric, DNSStuff, etc.
- > Hyperglance, eglInnovations, Goliath (\$)
- > Graphana, Elastic Stack, Kibana, etc...
- > OpenNMS, Zabbix, Nagios, etc.
- > And a boatload more...

Demos

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