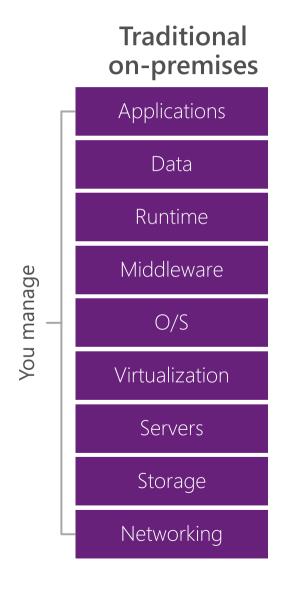
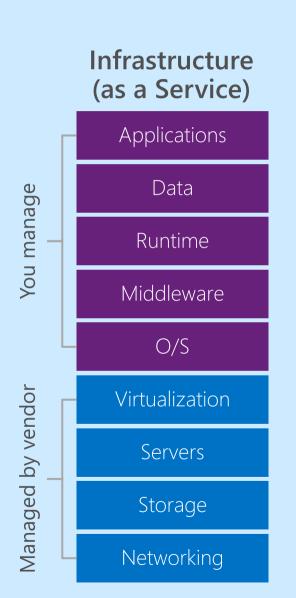
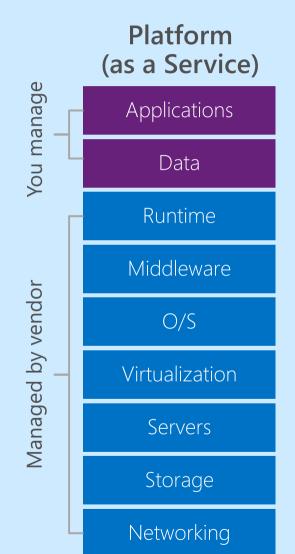
Introduction To Azure

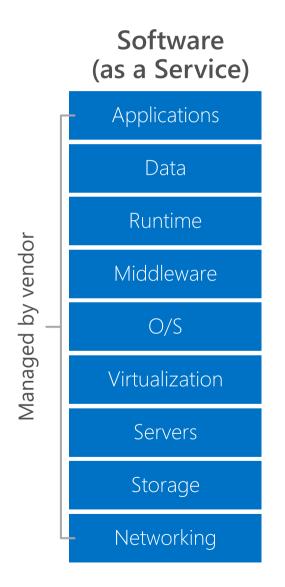
Madhu Chanthati

Cloud service models

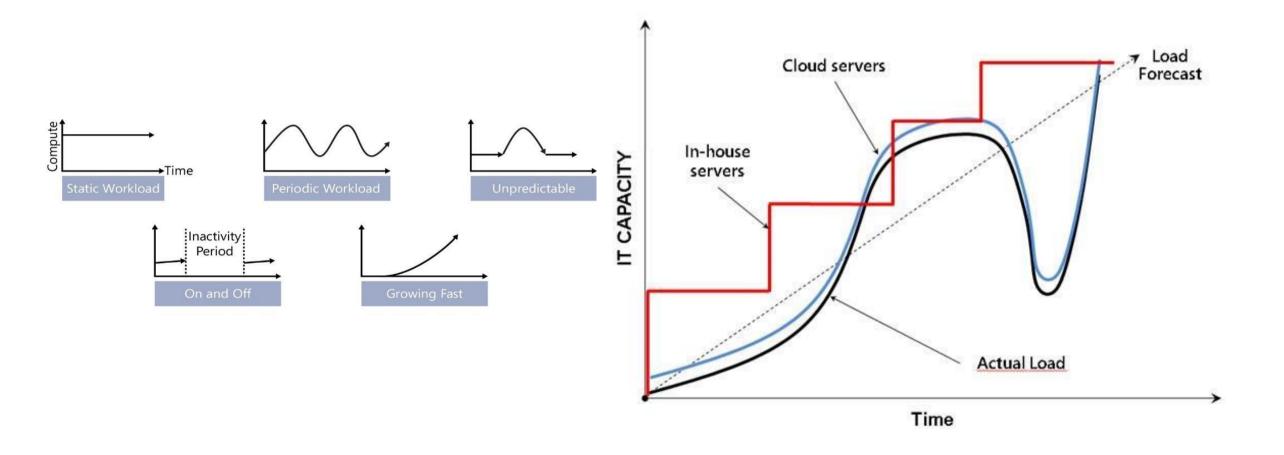








Cloud Economics







Security Center





Azure Active Directory





Multi-Factor Authentication









Store/ Marketplace



VM Image Gallery & VM Depot

Platform Services

Application Platform



Media & CDN



Integration



API Management







Compute Services





VM Scale Sets



Dev/Test Lab





Mobile Apps



Cloud Services



Notification



Developer Services



Visual Studio

Application Insights



Engagement







HDInsight

loT Hub Event Hubs

SQL Database



Cognitive Services Services Sot Framework Cortana

SQL Server Stretch Database Redis Cache



Intelligence

Analytics & IoT

Machine Learning

Data

SQL Data Warehouse

Data Lake Analytics Service 4 Data Lake Store





Stream Analytics

DocumentDB

Backup

Hybrid Cloud

AD Privileged Identity Management

Domain Services

Azure AD Health Monitoring



Operational Analytics



Import/Export



Azure Site Recovery



StorSimple

Infrastructure Services

Compute





Blob





Storage

















Networking





App Gateway

Datacenter Infrastructure

Azure is an open cloud

DevOps













Clients









Management





















Applications



















App frameworks and tools















Databases and middleware

















Infrastructure





















ISO 27018



ISO 27017



ISO 22301



SOC 1 Type 2



SOC 2 Type 2



SOC 3



CSA STAR Self-Assessment



CSA STAR

Certification



CSA STAR Attestation



Moderate JAB P-ATO



High JAB P-ATO



DoD DISA SRG Level 2



DoD DISA SRG Level 4



DoD DISA SRG Level 5



SP 800-171



FIPS 140-2



Section 508 **VPAT**



ITAR



IRS 1075



PCI DSS Level 1











FACT UK



Shared

Assessments



FISC Japan



HIPAA /

HITECH Act





HITRUST



GxP

21 CFR Part 11



MARS-E



IG Toolkit UK



FERPA



GLBA

CJIS



FFIEC





CDSA

































Argentina PDPA



UK G-Cloud

China DJCP

China GB 18030

China **TRUCS**

Singapore MTCS

Australia IRAP/CCSL

New Zealand **GCIO**

Japan My Number Act

ENISA IAF

Japan CS Mark Gold

Spain ENS

Spain DPA

India MeitY

Canada Privacy Laws

Privacy

Germany IT Grundschutz workbook

https://github.com/machanth/hackwithazure



Data Platform

- Azure SQL DB
- https://docs.microsoft.com/enus/azure/azure-sql/database/
- Azure Sql Postgres
 https://azure.microsoft.com/en-us/services/postgresql/
- Azure Mysql
 https://docs.microsoft.com/en-us/azure/mysql/overview
- Azure Databricks
 <u>https://docs.microsoft.com/en-us/azure/databricks/</u>

DEMO

Useful Links

https://app.lucidchart.com/documents/view/8495a6bd-89d2-4a59-9b41-4b7a9e0e1922/UCpX6UV3oLZI

https://github.com/machanth/hackwithazure

https://azure.microsoft.com/en-au/solutions/architecture/advanced-analytics-on-big-data/

Azure Open Data Sets:

https://azure.microsoft.com/en-us/services/open-datasets/catalog/

https://docs.microsoft.com/en-us/rest/api/maps/weather

https://docs.microsoft.com/en-us/rest/api/maps-creator/