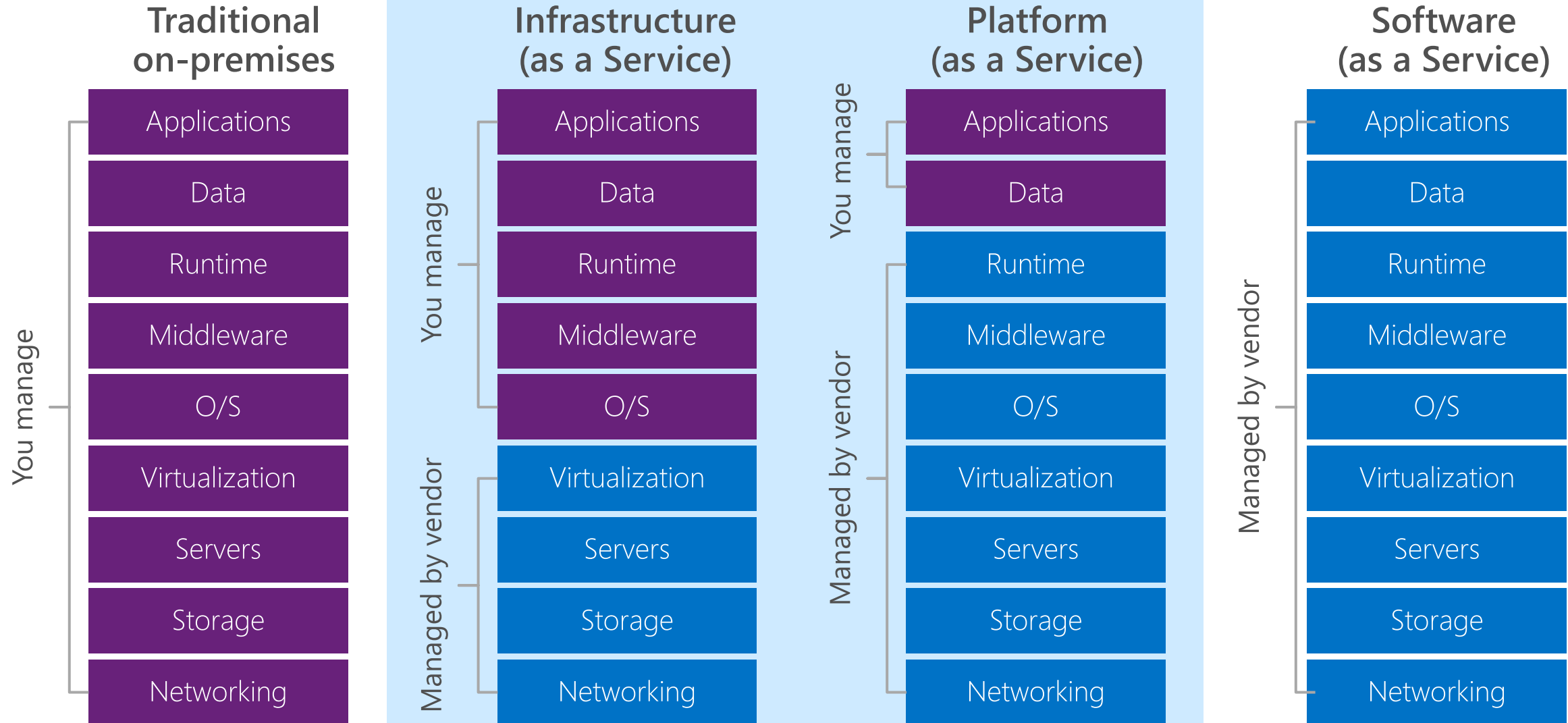


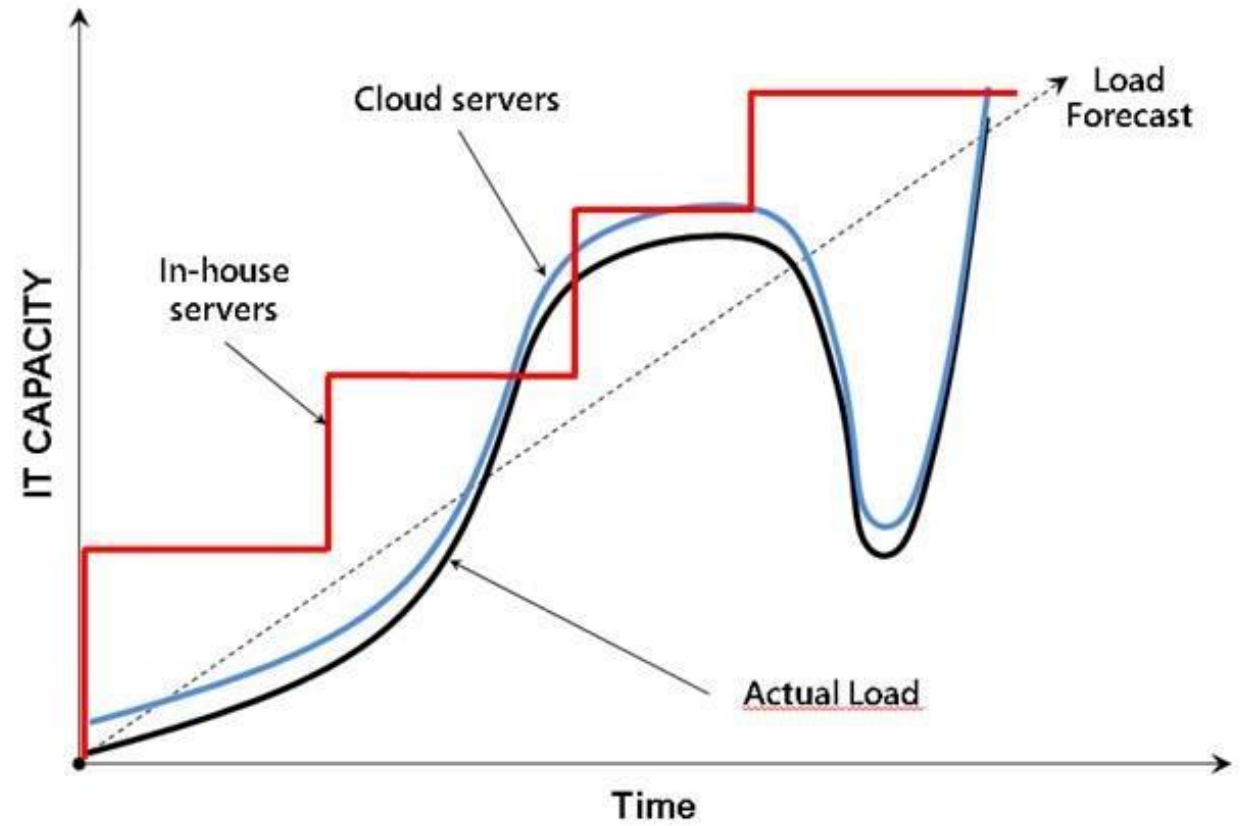
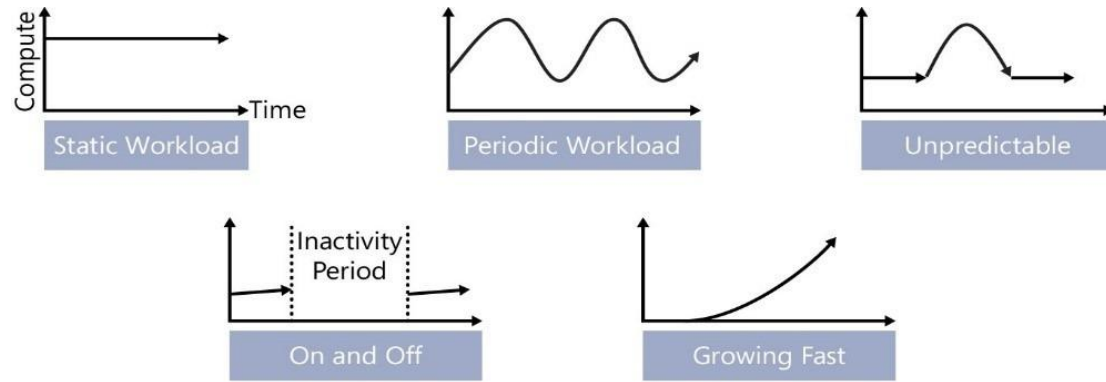
# Introduction To Azure

Madhu Chanthati

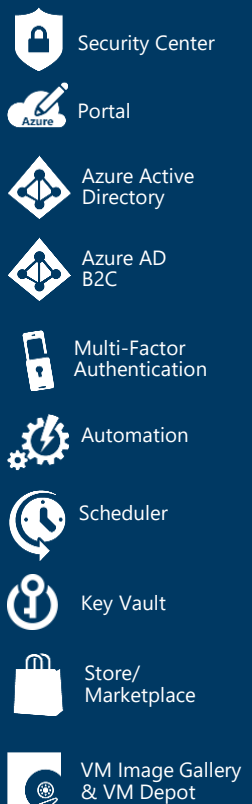
# Cloud service models



# Cloud Economics



## Security & Management



## Platform Services

### Media & CDN



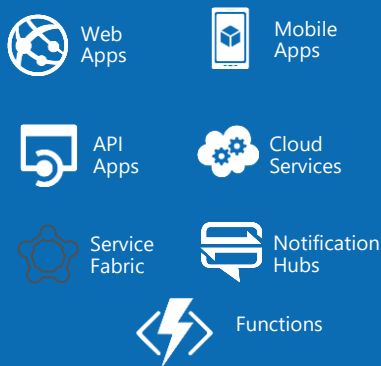
### Integration



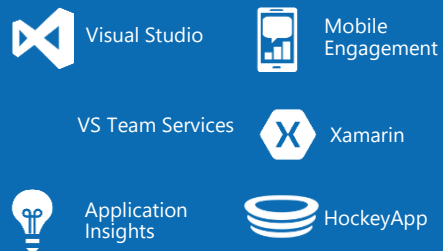
### Compute Services



### Application Platform



### Developer Services



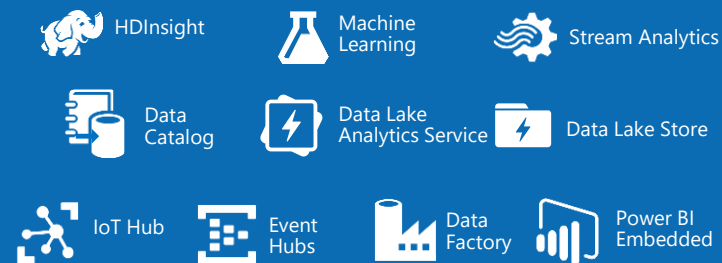
### Data



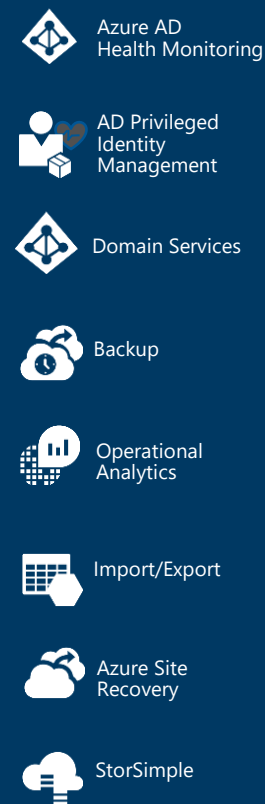
### Intelligence



### Analytics & IoT



## Hybrid Cloud



## Infrastructure Services

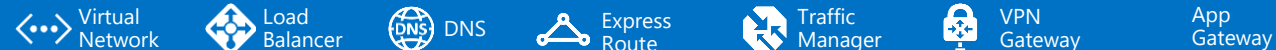
### Compute



### Storage



### Networking



## Datacenter Infrastructure



# Azure is an open cloud

## DevOps



## Clients



## Management



## Applications



## PaaS and DevOps



## App frameworks and tools



## Databases and middleware



## Infrastructure



# Comply with industry and regional requirements

## GLOBAL



ISO 27001



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

## US GOV



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



CJIS



IRS 1075

## INDUSTRY



PCI DSS  
Level 1



CDSA



MPAA



FACT UK



Shared  
Assessments



FISC Japan



HIPAA /  
HITECH Act



HITRUST



GxP  
21 CFR Part 11



MARS-E



IG Toolkit UK



FERPA



GLBA



FFIEC

## REGIONAL



Argentina  
PDPA



EU  
Model Clauses



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  
Shield



Germany IT  
Grundschutz  
workbook

<https://github.com/machanthon/hackwithazure>



# Data Platform

- Azure SQL DB  
<https://docs.microsoft.com/en-us/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  
<https://docs.microsoft.com/en-us/azure/databricks/>



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/>