

# All about the



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# What a "Cloud" is NOT



# Definition of a Cloud



Self Service



Automated



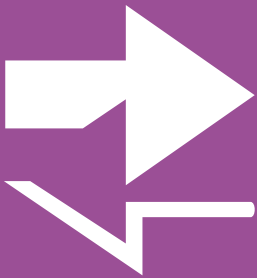
Scalable



Pay per use

# Why the cloud?

Speed



Scale

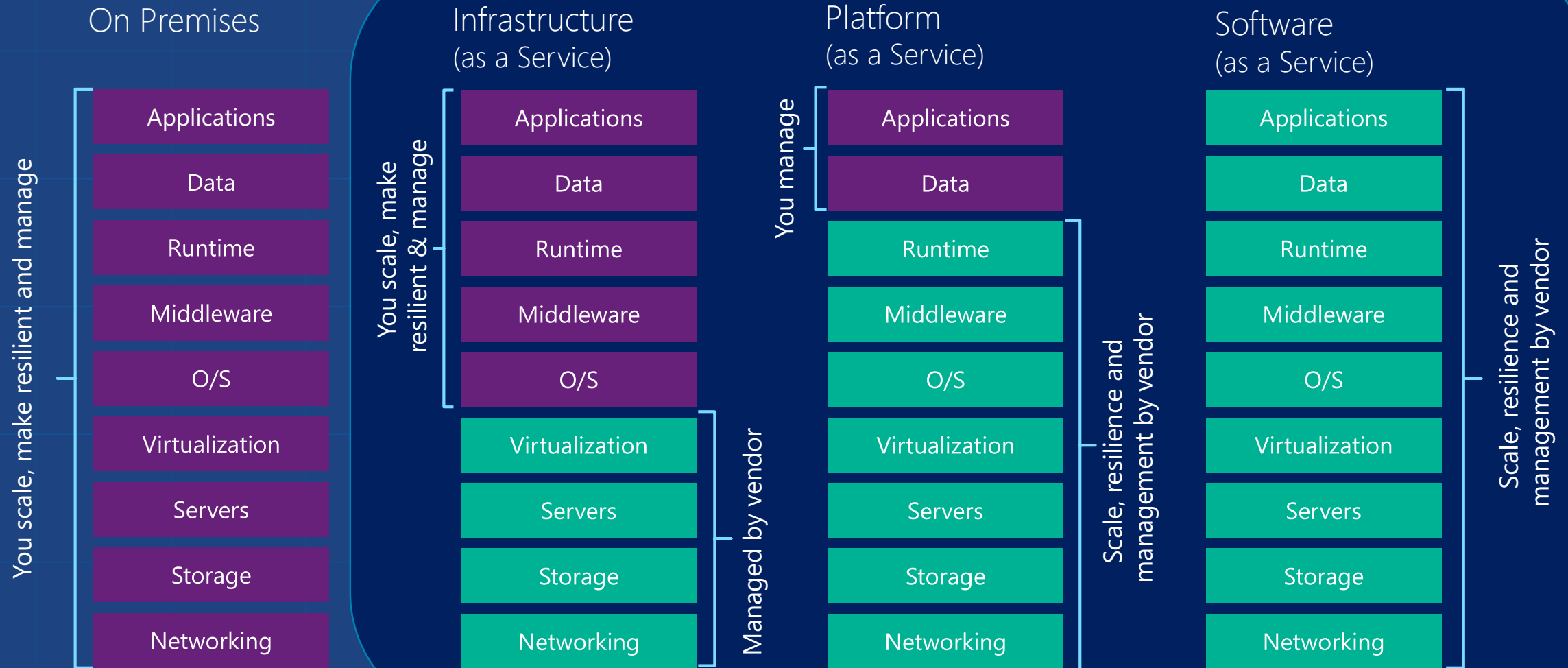


Economics



# Cloud Service Flavours

# Cloud Service Abstraction Layers



# Microsoft Azure Overview

# Hyper scale Infrastructure is the enabler

100+ Datacenters across 30 Regions (22 Generally Available) Worldwide



- Top 3 networks in the world
- 2.5x AWS, 7x Google DC Regions

■ Operational

■ Announced/Not Operational

\* Operated by 21Vianet \*\* Data Stewardship by Deutsche Telekom



# Azure momentum

~100,000

New Azure customer  
subscriptions/month

20 Million

SQL database hours  
used every day

> 50 Trillion

Storage objects  
in Azure

> 5 Trillion

Storage transactions  
every month

425 Million

Azure Active  
Directory Users

60 Billion

Hits to Websites run on  
Azure Web App Service

57%

Of Fortune 500 Companies  
use Microsoft Azure

1 Trillion

Messages delivered every  
month with Event Hubs

Platform Services

Security & Management

- Portal
- Active Directory
- Multi-Factor Authentication
- Automation
- Key Vault
- Store / Marketplace
- VM Image Gallery & VM Depot

Compute

- Cloud Services
- Service Fabric
- Batch
- Remote App

Web and Mobile

- Web Apps
- API Apps
- API Management
- Mobile Apps
- Logic Apps
- Notification Hubs

Developer Services

- Visual Studio
- Azure SDK
- Team Project
- Application Insights

Hybrid Operations

- Azure AD Connect Health
- AD Privileged Identity Management
- Backup
- Operational Insights
- Import/Export
- Site Recovery
- StorSimple

Integration

- Storage Queues
- Biztalk Services
- Hybrid Connections
- Service Bus

Analytics & IoT

- HDInsight
- Machine Learning
- Data Factory
- Event Hubs
- Stream Analytics
- Mobile Engagement

Data

- SQL Database
- SQL Data Warehouse
- Redis Cache
- Search
- DocumentDB
- Tables

Media & CDN

- Media Services
- Content Delivery Network (CDN)

Infrastructure Services

Compute

- Virtual Machines
- Containers

Storage

- BLOB Storage
- Azure Files
- Premium Storage

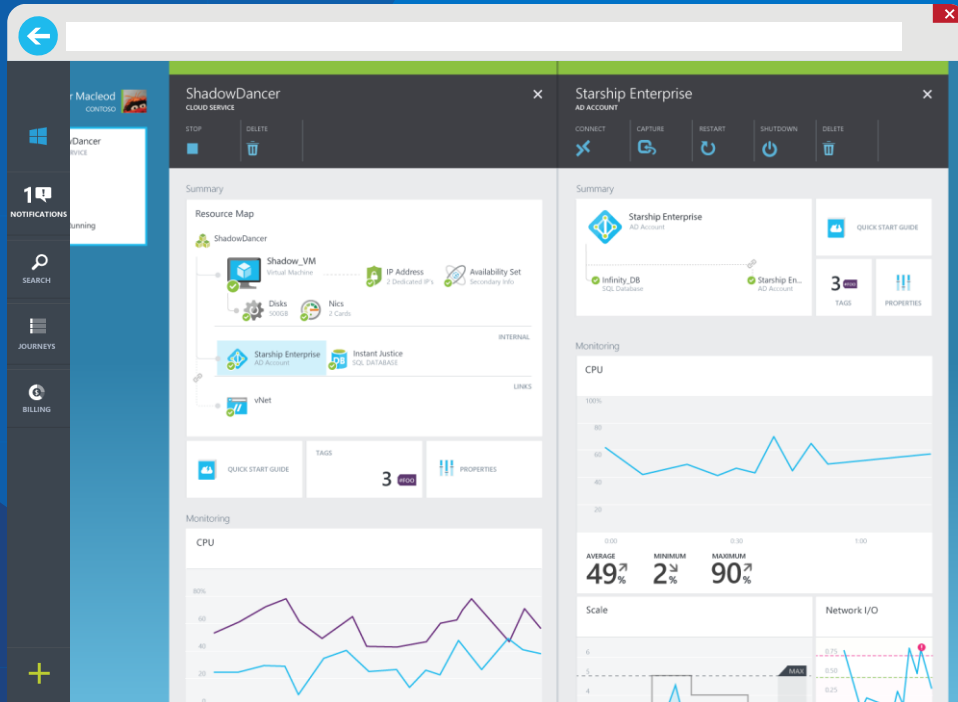
Networking

- Virtual Network
- Load Balancer
- DNS
- Express Route
- Traffic Manager
- VPN Gateway
- Application Gateway

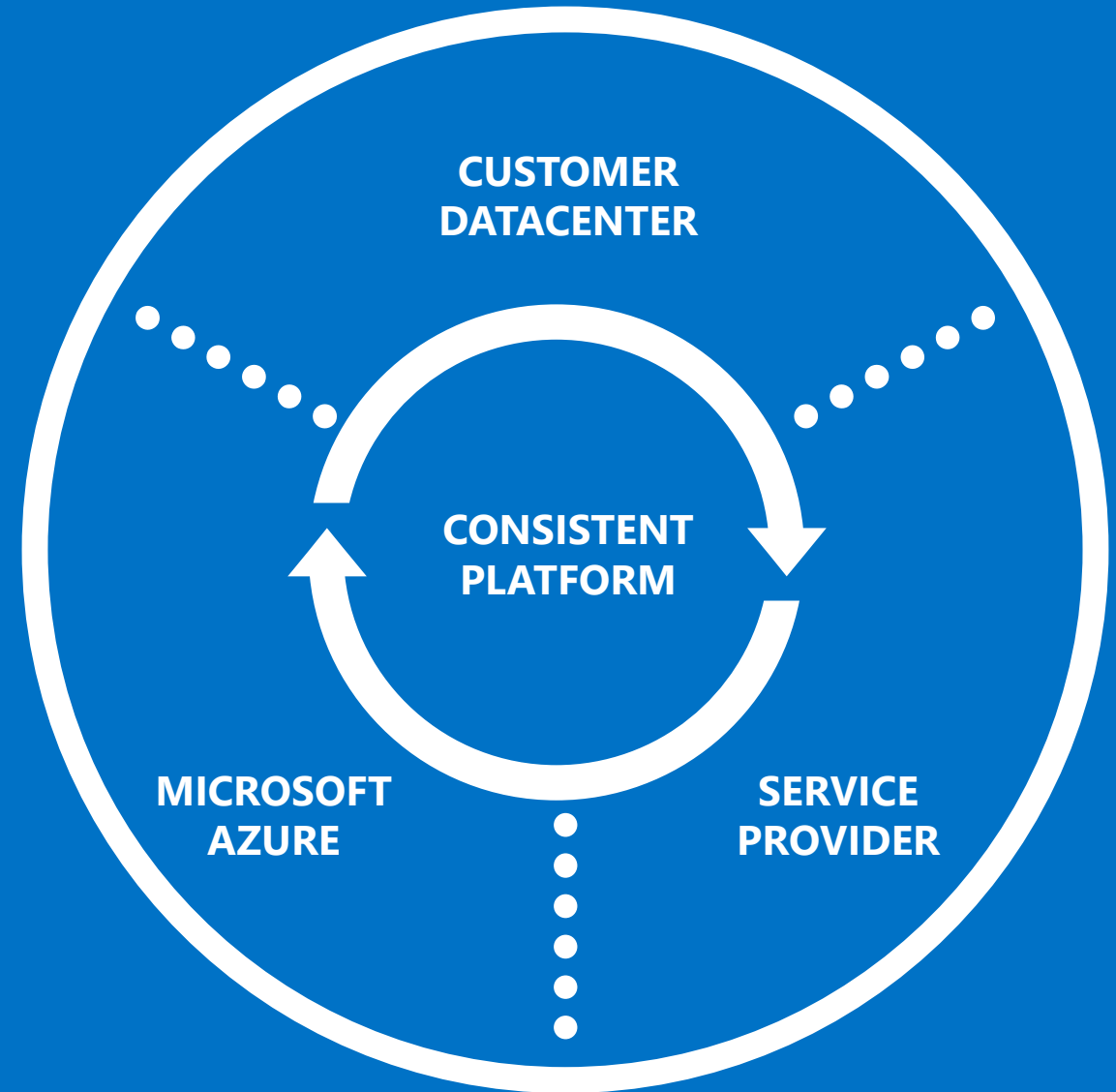
Datacenter Infrastructure (24 Regions)



# Hybrid consistency



Common OS and Hypervisor  
Common management API/UX  
Common programming model



Q & A

