

# Azure

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# What are we going to talk about today?

- General Overview
- DevOps
- Bots and Artificial Intelligence
- Other Exciting Features

# Azure, a General Overview









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## Compute

 Virtual Machines	 Virtual Machine Scale Sets
 Azure Container Service	 Azure Container Registry
 Functions	 Batch
 Service Fabric	 Cloud Services








## Networking

 Virtual Network	 Load Balancer
 Application Gateway	 VPN Gateway
 Azure DNS	 Traffic Manager
 ExpressRoute	 Network Watcher








## Storage

 Storage: Blobs, Tables, Queues, Files, Disks	 Data Lake Store
 StorSimple	 Azure Backup
 Site Recovery	







## Monitoring & Management

 Azure Portal	 Azure Resource Manager	 Azure Advisor	 Azure Monitor	 Log Analytics	 Automation	 Scheduler
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## Web & Mobile

 Web Apps	 Mobile Apps
 Logic Apps	 API Apps
 Content Delivery Network	 Media Services
 Search	








## Databases

 SQL Database	 SQL Data Warehouse
 SQL Server Stretch Database	 DocumentDB
 Redis Cache	 Data Factory






## Intelligence & Analytics

 HDInsight	 Machine Learning
 Cognitive Services	 Azure Bot Service*
 Data Lake Analytics	 Power BI Embedded
 Azure Analysis Services	








## Internet of Things & Enterprise Integration

 Azure IoT Hub	 Event Hubs
 Stream Analytics	 Notification Hubs
 BizTalk Services	 Service Bus
 Data Catalog	

## Security + Identity

 Security Center	 Key Vault
 Azure Active Directory	 B2C
 Domain Services	 Multi-Factor Authentication

## Developer Services

 Visual Studio Team Services	 Azure DevTest Labs
 VS Application Insights	 API Management
 HockeyApp	 Developer Tools
 Service Profiler*	

# Hyper-scale footprint

● Azure compute regions



# 38

Azure Regions

# 30

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Azure compute  
regions GA today

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Largest footprint  
when compared to  
our competitors

# 600+

New releases in  
the last 12 months

Azure Site Recovery: Protect VMWare and Physical Servers in Public Preview

Azure Backup Generally Available

Azure API Management Premium simplifies high availability and massive scale for APIs

ExpressRoute for Office 365

Azure Active Directory Dynamic Membership For Groups

Automatic Password Change for Social Media Shared Accounts

Compute-Intensive A10 and A11 Virtual Machine Instances

Remote Desktop app for Windows Phone support for Gateway and Remote Resources

Informatica Cloud Agent availability in Linux and Windows Virtual Machines

Azure DocumentDB Hadoop Connector

Azure HDInsight support for more VM sizes

Enterprise-Grade Array-Based Replication and Disaster Recovery with ASB and Custom Gateway CA

# Azure momentum

>120,000

New Azure customer  
subscriptions/month

150 Billion

Azure SQL query requests  
processed/day

120 Billion

Hits to websites run on Azure  
Web App Service

715 Million

Azure Active Directory Users

>18 Billion

Authentications/week

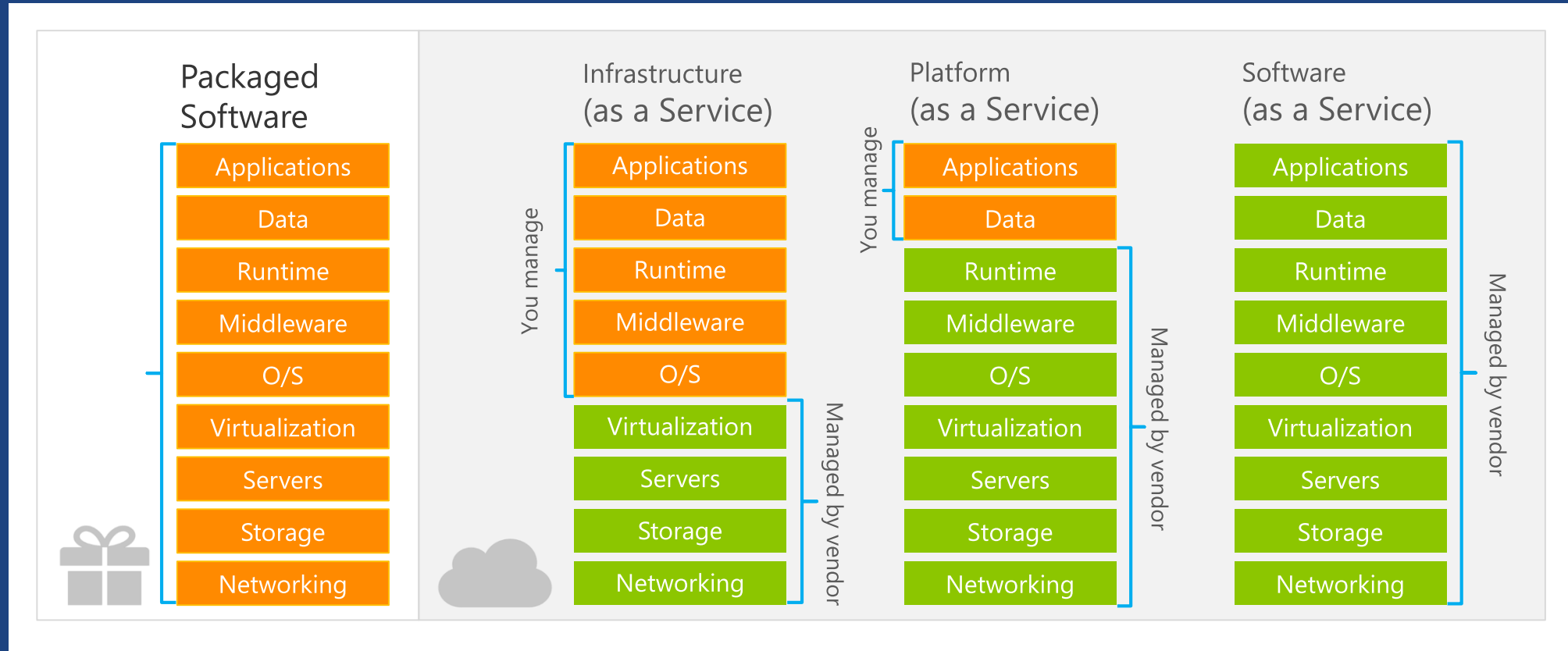
1 in 3

Virtual Machines  
run Linux

>85%

Fortune 500 using Azure

# Cloud Computing





# Estimating Cloud Costs

No up-front costs. Pay only for what you use.



Note: Prices on the calculator do not include variations by region. To see prices for a specific region, please go to the individual service [pricing pages](#) and select the region.



app service



virtual machines



mobile services



cloud services



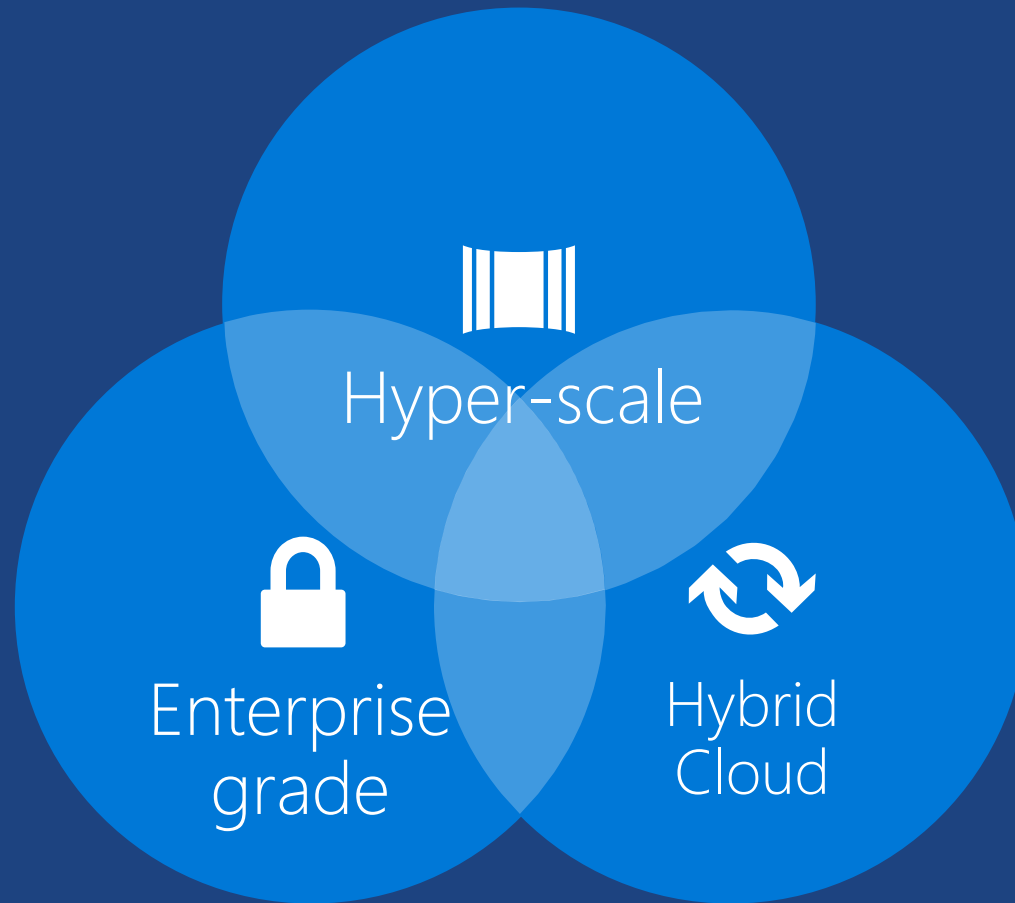
data management



full calculator

<http://azure.microsoft.com/en-us/pricing/calculator/>

How we differentiate.



# Most Comprehensive Hybrid Cloud

HYBRID STORAGE

StorSimple + Azure Storage

HYBRID BACKUP + DR

Azure Backup + Azure Site Recovery

HYBRID DATABASE

SQL Server 2016 StretchDB + Azure SQL DB

HYBRID CONSISTENCY

Azure Stack + Cloud Platform System

HYBRID APP INTEGRATION

Azure ServiceBus + BizTalk Services

HYBRID IDENTITY

Azure Active Directory

HYBRID CLOUD MANAGEMENT

Operations Management Suite + System Center

HYBRID CONNECTIVITY

VPN + ExpressRoute

# Azure Stack

Bring Azure to your datacenter



Microsoft Azure Stack

Microsoft Azure

# Azure Advisor

## Personalized Cloud Consultant

Actionable recommendations to improve resource availability, security, performance and cost

Implement fixes quickly from inline recommendations

