What the PaaS?

Hosting models			Business model

On Premises	Infrastructure (as a Service)	Platform (as a Service)	Software (as a Service)
Applications	Applications	Applications	Applications
Data	Data	Data	Data
Runtime	Runtime	Runtime	Runtime
Middleware	Middleware	Middleware	Middleware
O/S	O/S	O/S	O/S
Virtualization	Virtualization	Virtualization	Virtualization
Servers	Servers	Servers	Servers
Storage	Storage	Storage	Storage
Networking	Networking	Networking	Networking

On Premises: You scale, make resilient and manage

Infrastructure (as a Service): You scale, make resilient & manage / Managed by vendor

Platform (as a Service): You manage / Scale, resilience and management by vendor
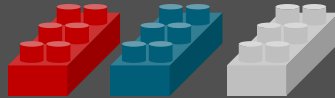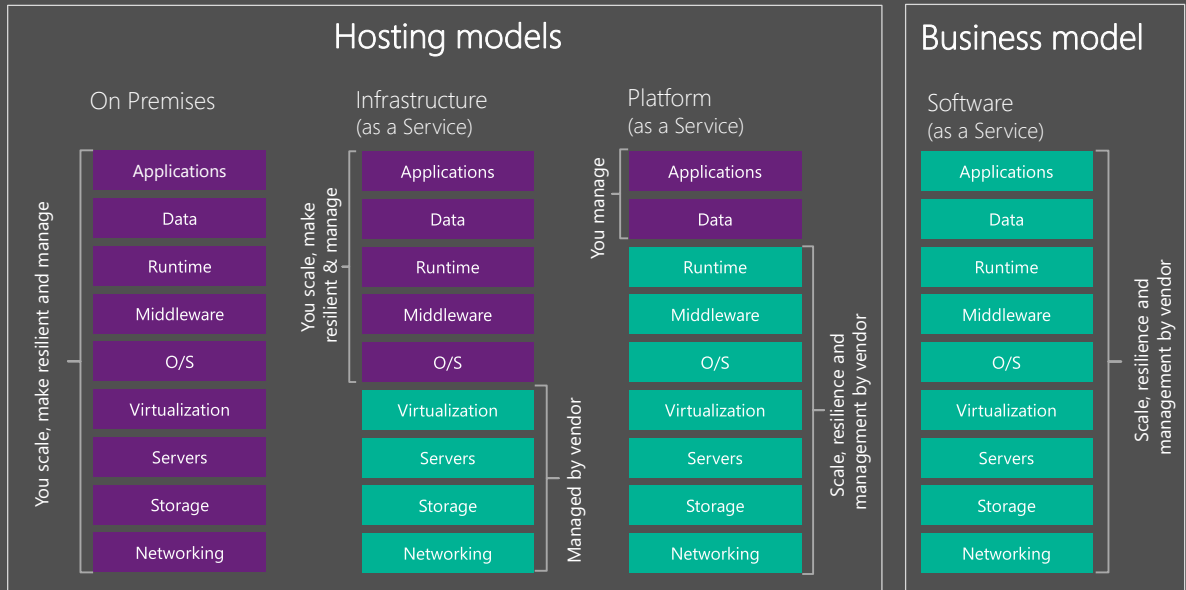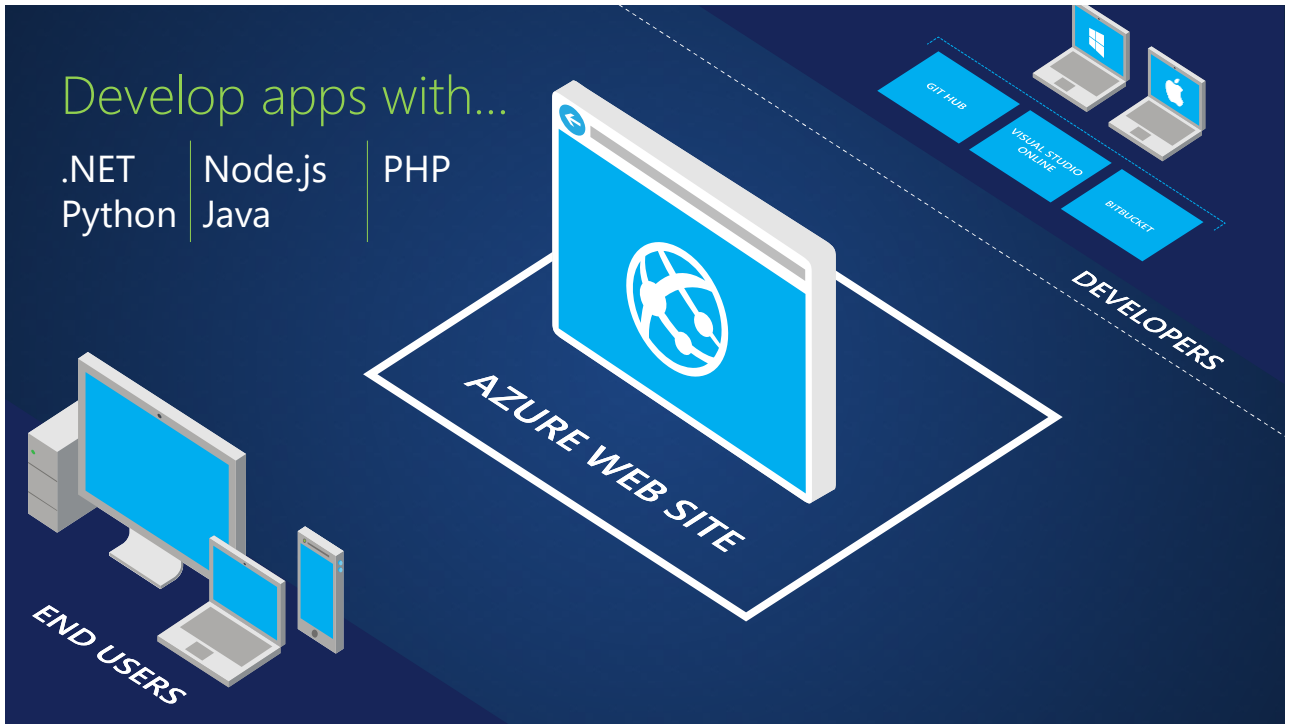
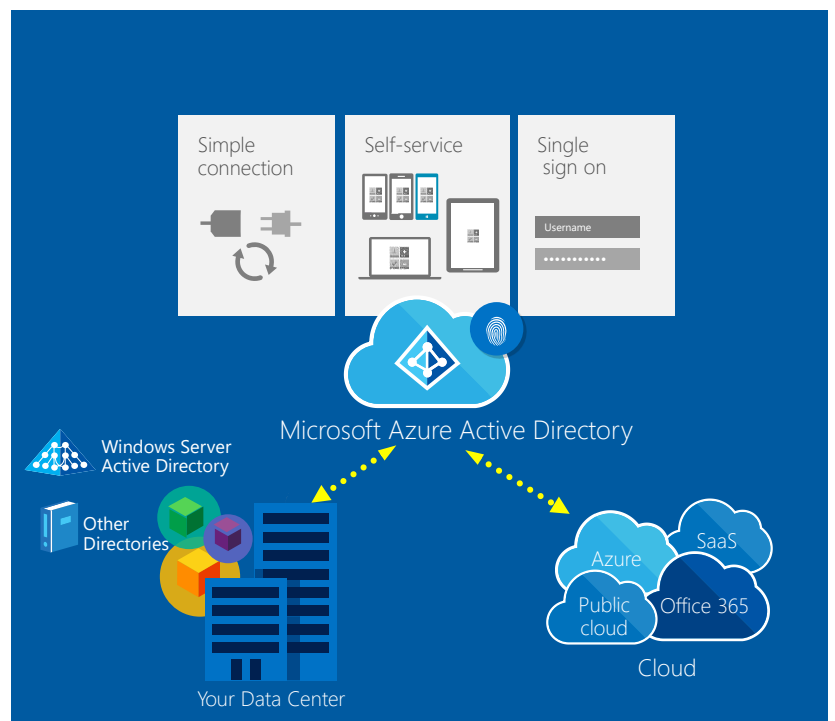*Software (as a Service):* Scale, resilience and management by vendor

Focus on building **the blocks**
or
Focus on **building the solution**

Develop apps with...

.NET | Node.js | PHP
Python | Java

AZURE WEB SITE

DEVELOPERS

END USERS

GIT HUB
VISUAL STUDIO ONLINE
BITBUCKET

Azure Active Directory & Authentication

Simple connection

Self-service

Single sign on

Username
•••••••••

Microsoft Azure Active Directory

Windows Server Active Directory

Other Directories

Your Data Center

Azure
SaaS
Public cloud
Office 365
Cloud

Staging

PRODUCTION

STAGING

AZURE WEB SITE

GIT HUB

VISUAL STUDIO ONLINE

BITBUCKET

DEVELOPERS

END USERS
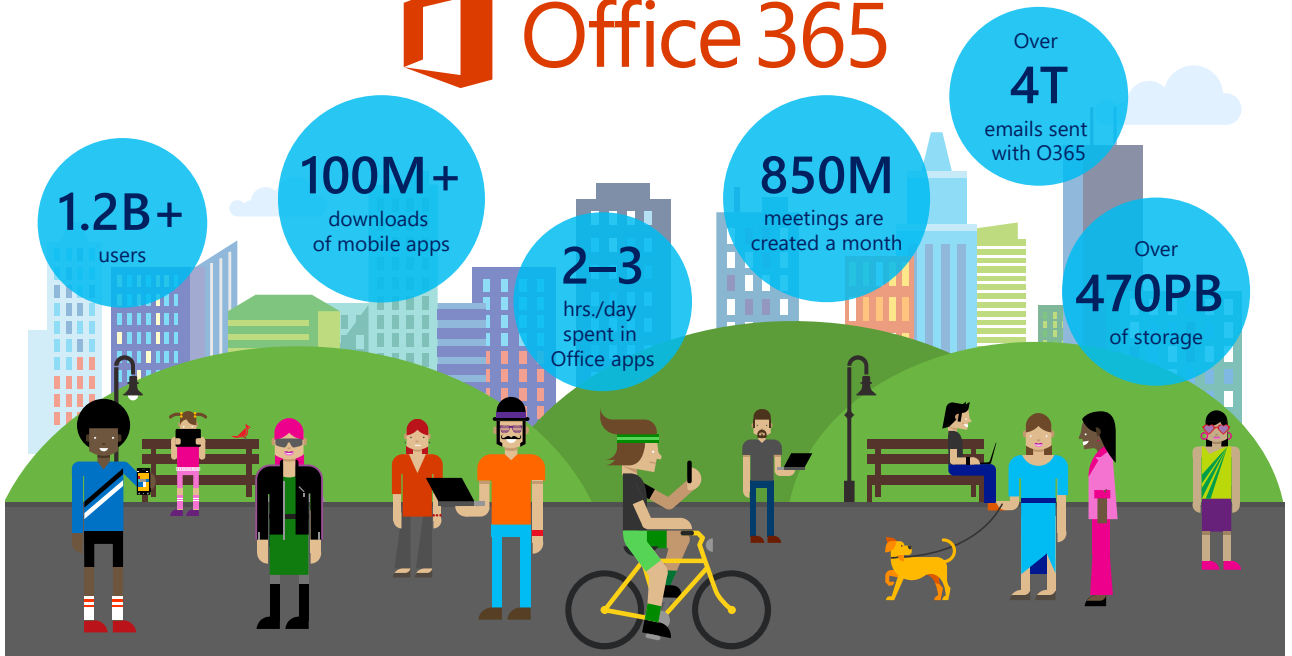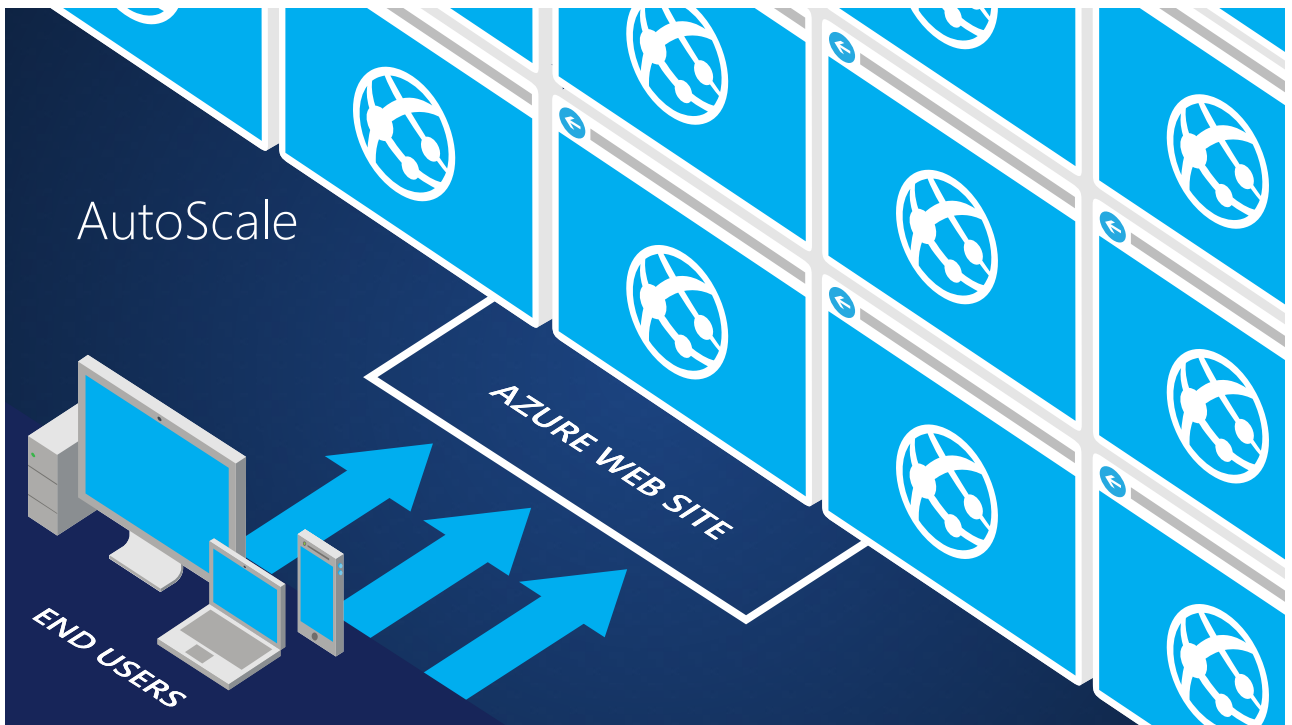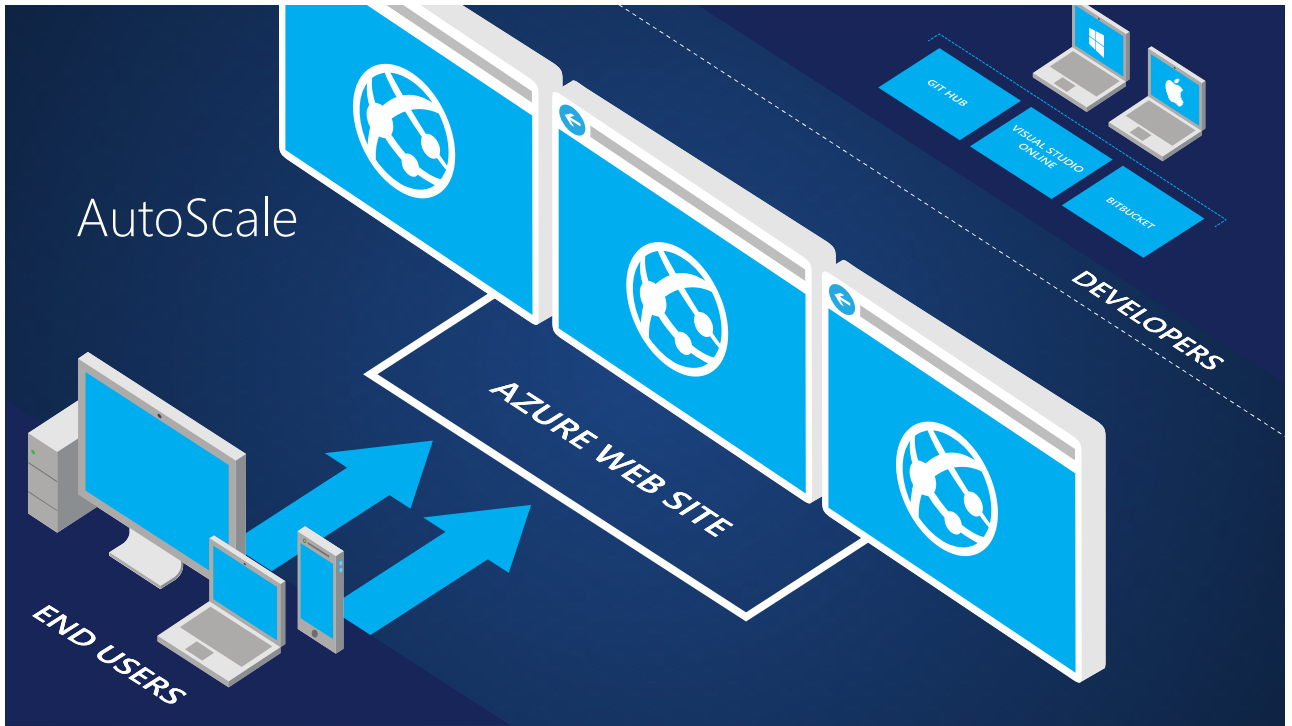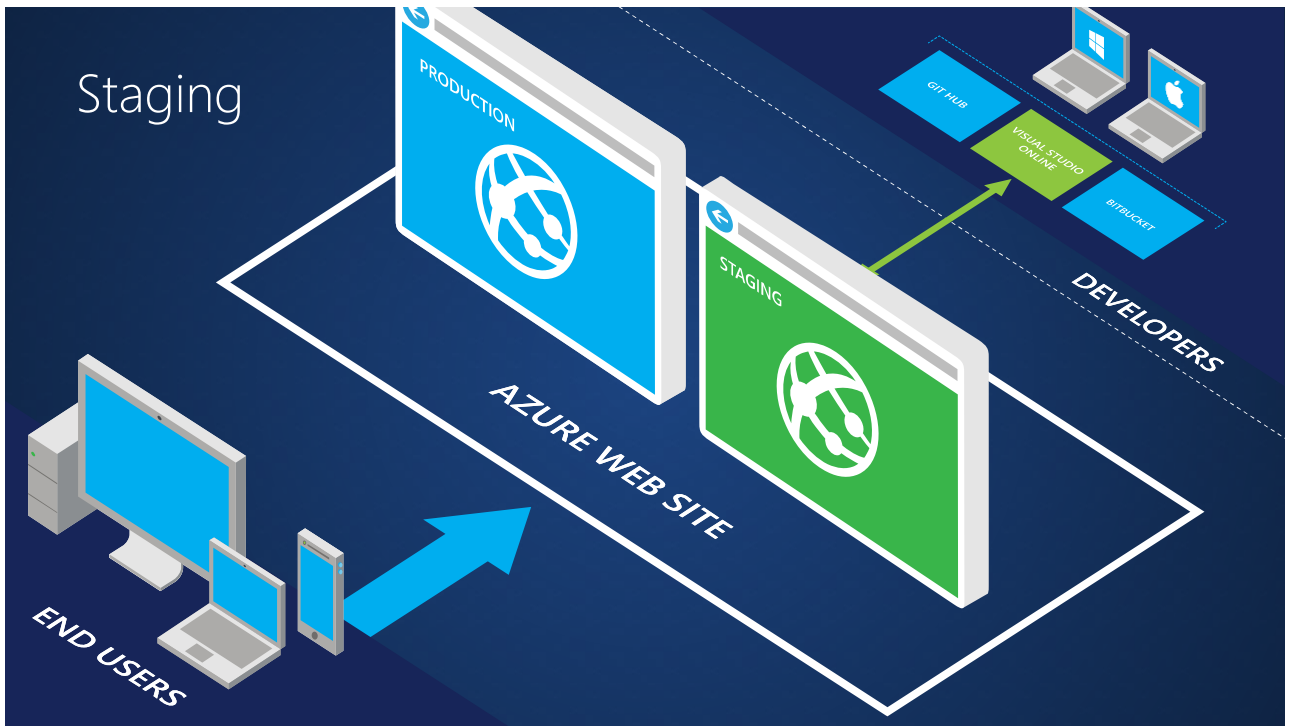
Monitor + Learn

Learn and understand how users use your app, how it reacts
and quickly fix issues and bugs

Plan the next iteration

Feedback

Monitor

4

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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

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

Media & CDN
- Media Services
- Content Delivery Network (CDN)

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

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

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

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

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

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, 19 Online)