

Acelerando mi exportación con nube

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La Nube ha cambiado como trabajamos, de donde trabajamos y los modelos negocio/atención.

Es una disrupción significativa en la inversión de tecnología y el riesgo asociado

Microsoft: La Nube para Empresas e instituciones

Productividad

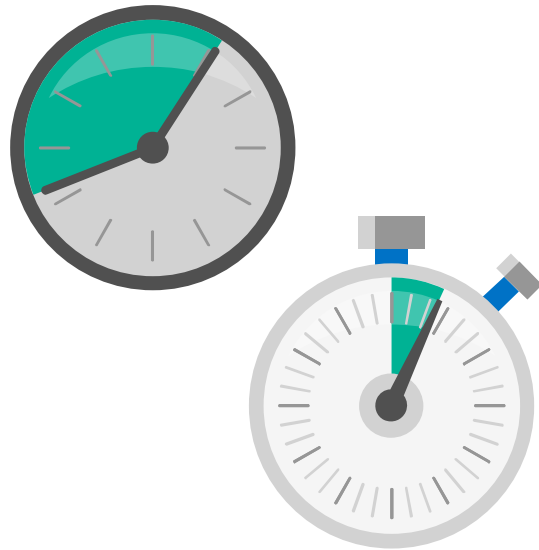


Aplicaciones de negocio

Plataforma



La evolución de los servicios de tecnología:



Agilidad



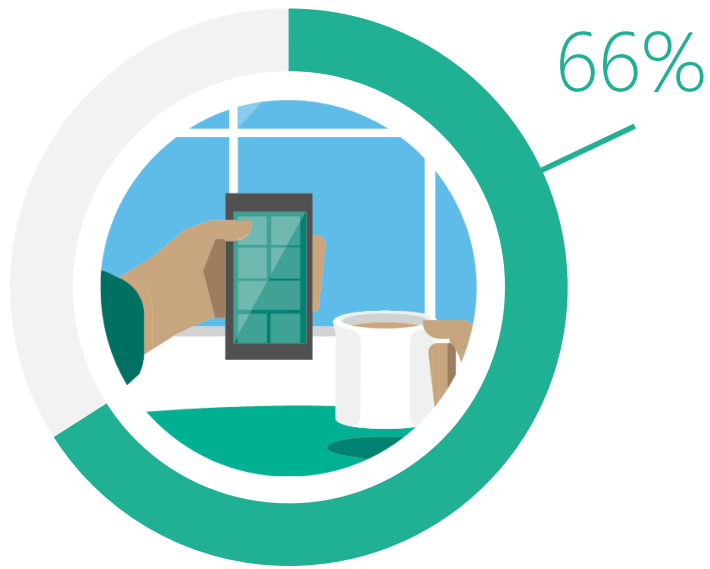
Pago por uso



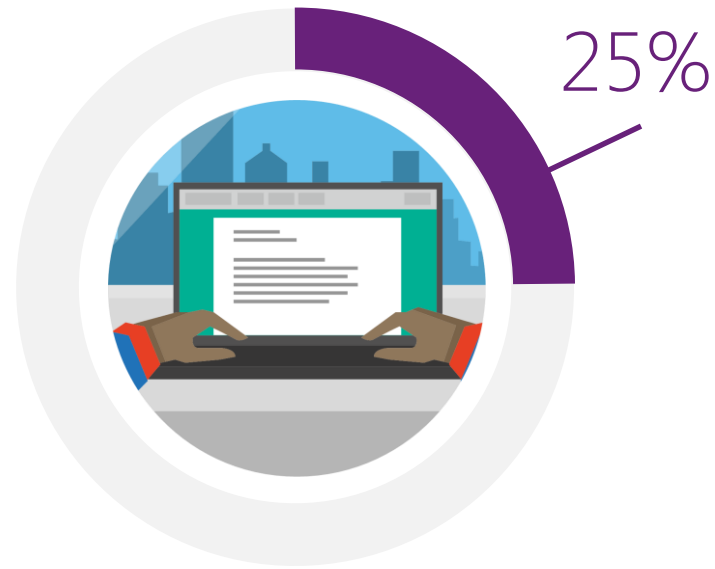
Predictibilidad



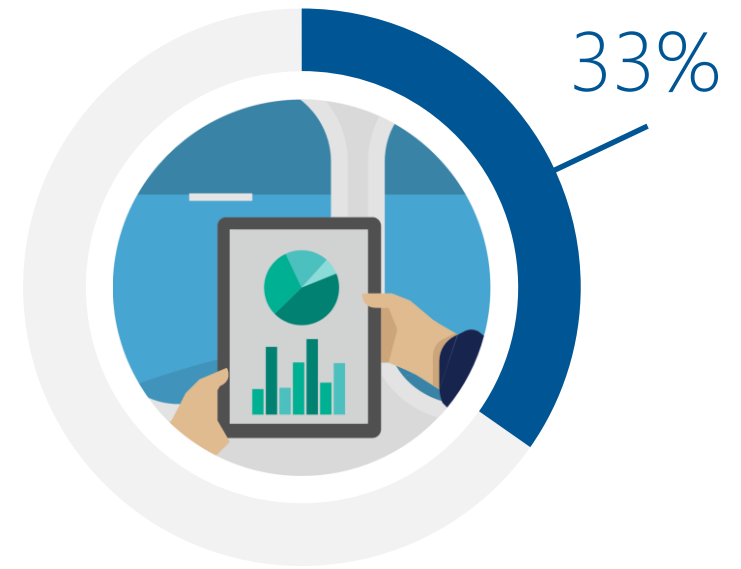
Nueva realidad / radiografía de tecnología.



de empleados que utiliza dispositivos personales para fines laborales.*



de todo el software estará disponible bajo modalidad SaaS en el año 2020.**



Promedio de pequeña y medianas empresas que están planificando invertir más en Nube en que T.I. tradicional

*CEB The Future of Corporate ITL: 203-2017. 2013.

**Forrester Application Adoption Trends: The Rise Of SaaS

***AMI Partners Mar 25th 2012, US SMB Trends & Server Market Insights

Modelos comparativos

Datacenter tradicional

- Espacio físico.
- Mantenimiento en costo por m2.
- Certificaciones y gestión local.
- Costo de ancho de banda redundante.
- Pre-compra de capacidad.

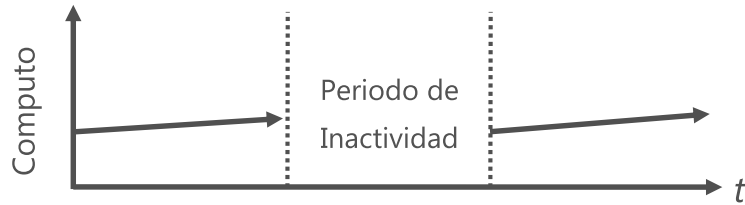
Nube

- Centros de costo separados por carga.
- Agilidad y tiempo a implementación.
- Reduce la negociación/burocracia entre áreas internas.
- Pago por uso de capacidad.

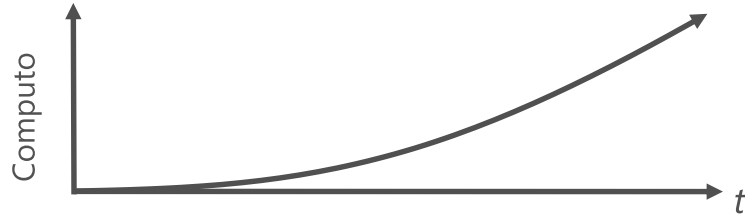
Beneficios de Nube para Exportación

- Centrarme en mi exportación no en tecnología.
- Aprovechar información analítica para tomar decisiones. (Clustering, Clasificación, Regresión)
- Estar cerca a mis clientes.
- Ver los patrones reales vs inferencias. Predecir escenarios ideales.
- Productos, clientes y mercados.

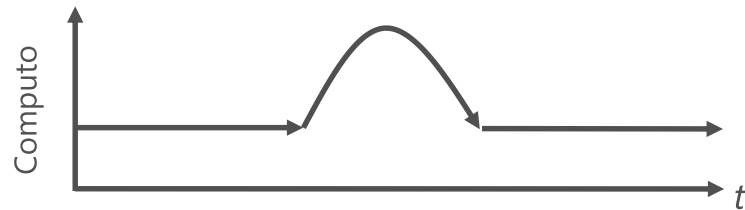
Requerimientos



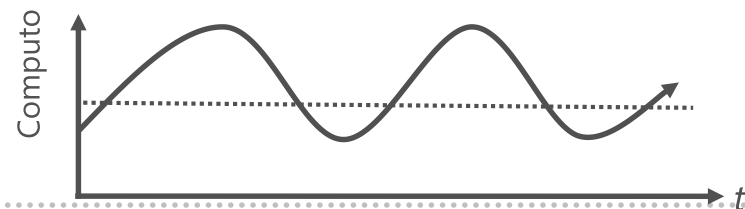
Prender y Apagar



Crecimiento Acelerado



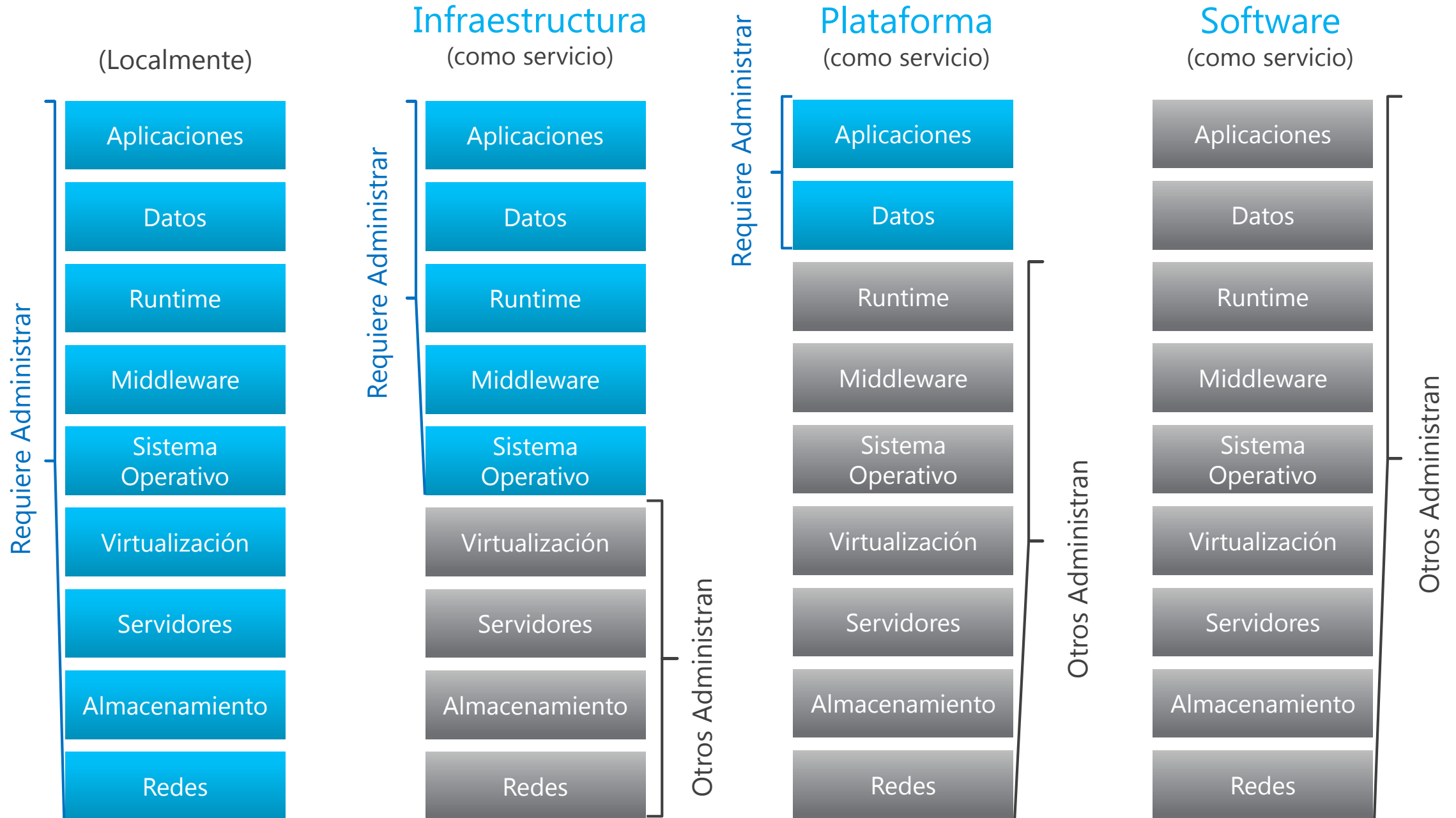
Picos impredecibles



Picos Predecibles



Modelos de Nube



Microsoft Azure es

una plataforma flexible y abierta que habilita a nuestro clientes a construir, implementar y administrar aplicaciones seguras con niveles de escalabilidad antes no disponibles. Tanto en sus centros de datos, en la Nube o en ambos.

Permite aprovechar conocimiento y capacidades tecnológicas de las herramientas, lenguajes de desarrollo más populares.



Programa certificado Para Microsoft Azure

Gallery ✦ ✕ Virtual machines ✦ ✕

- Home
- Virtual machines**
- Web
- Mobile
- Developer services
- Media
- Data, storage, + backup
- Identity
- App + data services







SharePoint Server Farm

By Microsoft







You can now easily deploy a highly available SharePoint server farm in Azure. This is designed to help you achieve new levels of reliability and performance, delivering features and capabilities that simplify administration, protect communications

[Create](#)







Recommended See All

					
Windows Server 2012 R2... By Microsoft	Ubuntu Server 14.04 LTS By Canonical	SharePoint Server Farm By Microsoft	SQL Server 2014 Enterprise By Microsoft	CentOS 6.5 By OpenLogic	Oracle Database 12.1.0.1 Standar... By Oracle

Windows based See All

					
Windows Server 2012 R2... By Microsoft	SQL Server 2014 Standard By Microsoft	SharePoint Server 2013 Trial By Microsoft	BizTalk Server 2013 Enterprise By Microsoft	Oracle Database 11g R2 and... By Oracle	Oracle Database 11g R2... By Oracle

Linux based See All

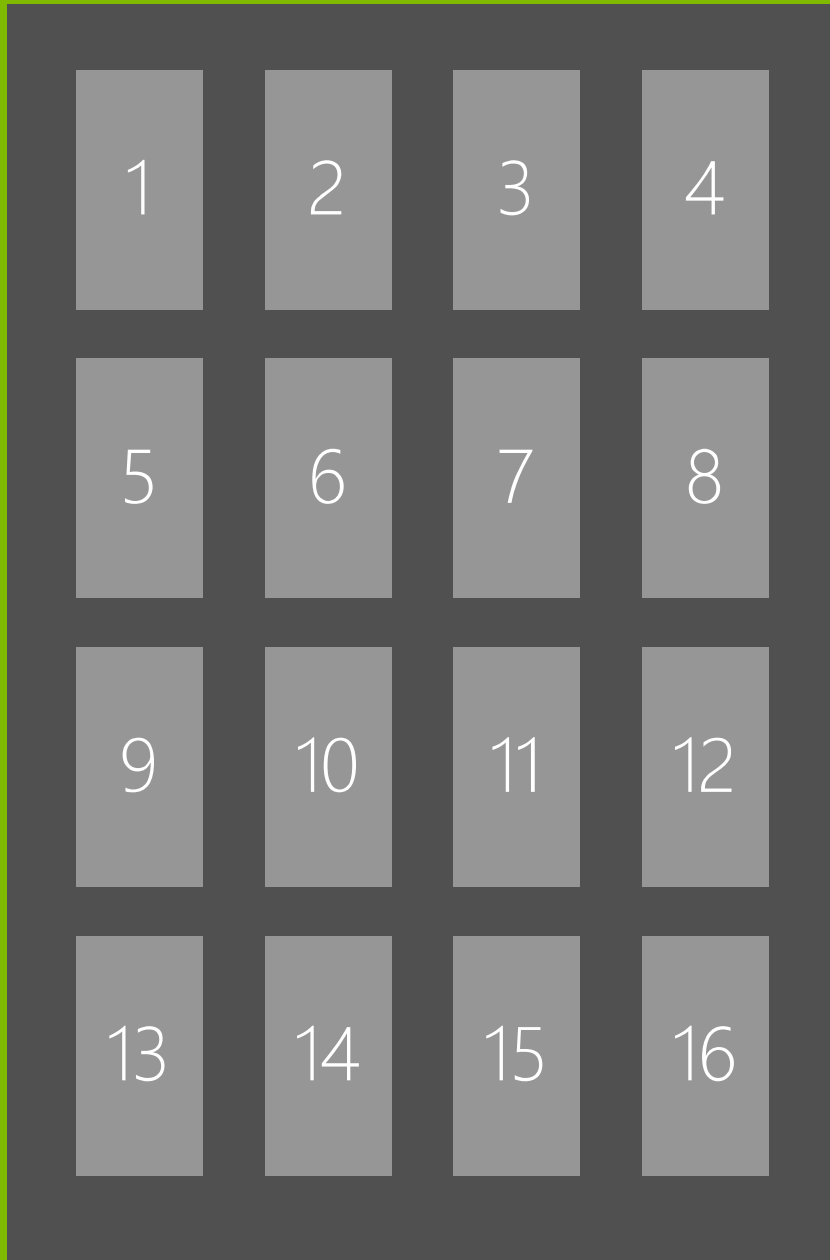
					
Ubuntu Server 14.04 LTS By Canonical	Oracle Linux 6.4.0.0.0 By Oracle	openSUSE 13.1 By SUSE	CentOS 6.5 By OpenLogic	Puppet Enterprise 3.2.3 By Puppet Labs	Zulu 7 By Azul

Microsoft Azure

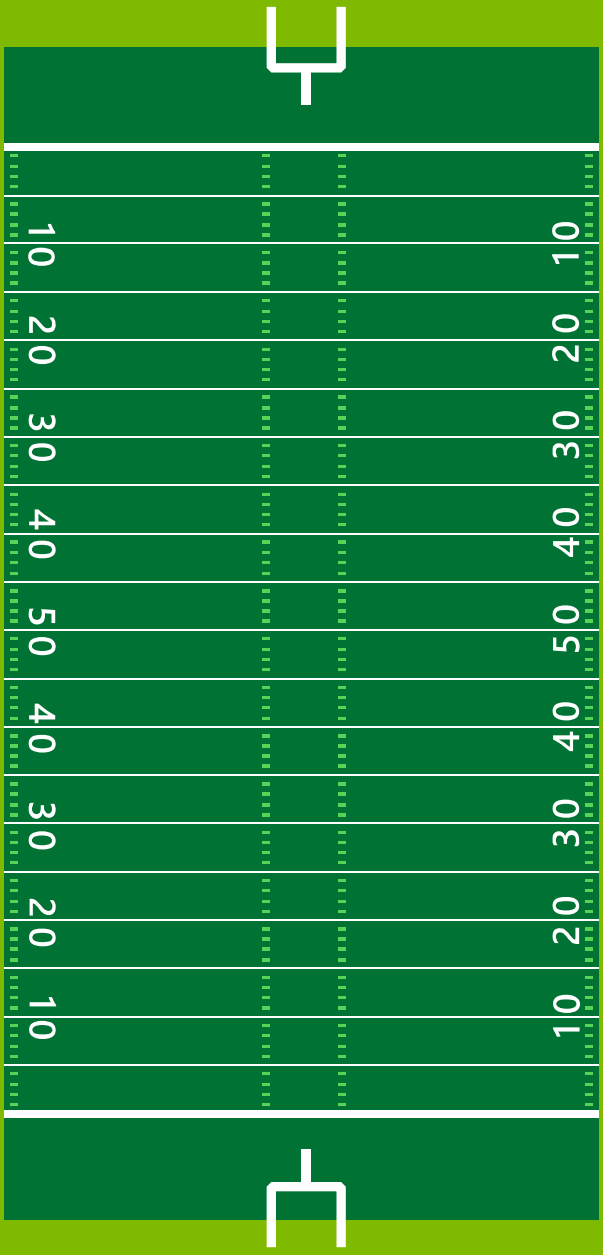


Cobertura
Global

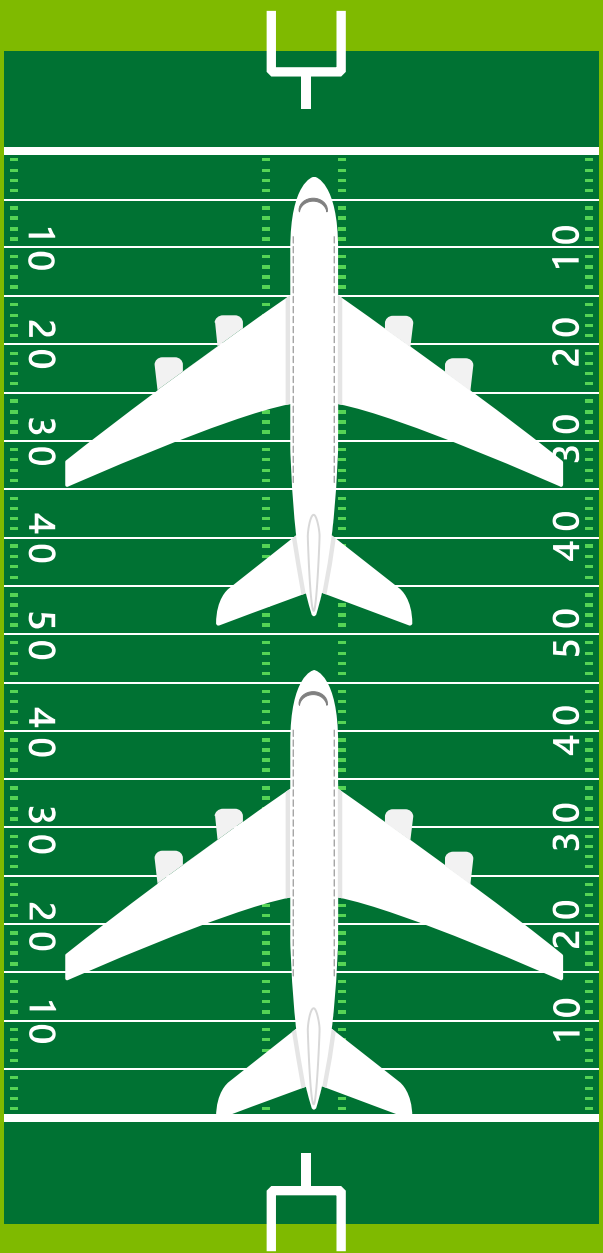
19 Regiones = 2x+ Siguiendo competidor



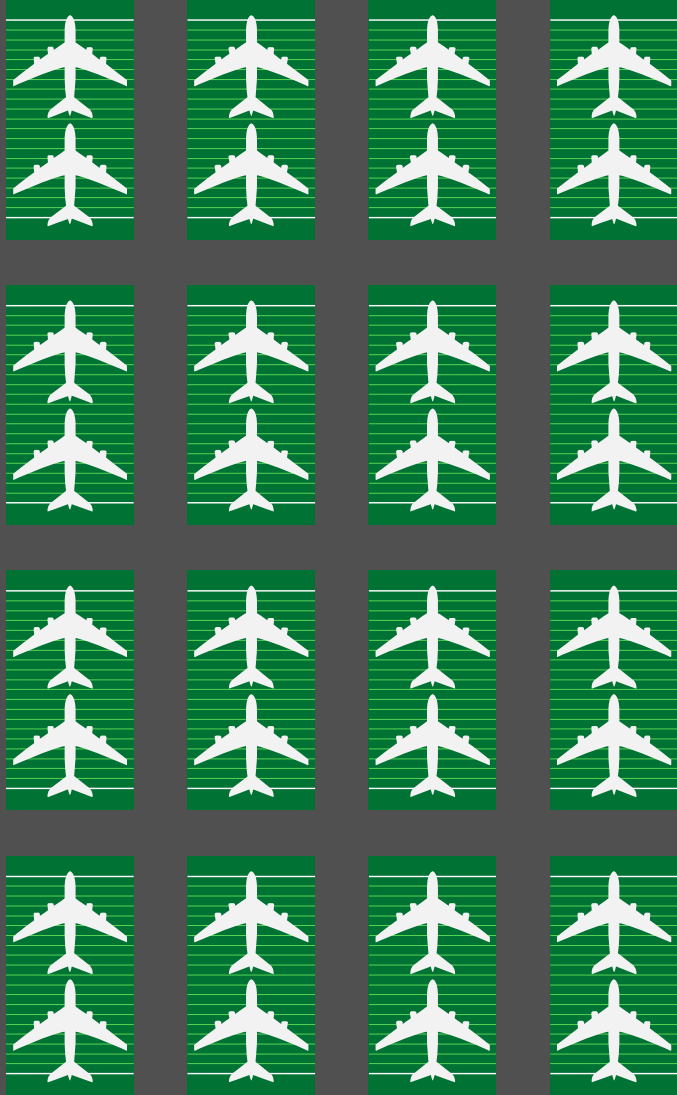
Cada región contiene hasta 16 centros de datos.



Cada centro de datos es del tamaño de un campo de Futbol.



...que tiene el tamaño suficiente para guardar dos aviones...



Esto significa que está la capacidad de hasta 600,000 servidores en cada región.



+5pts

de mercado ganado
Virtualización.

>57%

1,000,000

ases de datos SQL en
re >10% crecimiento
Mensual

VM Size	Cores	RAM (in GB)	Local SSD Storage (in GB)
Standard_G1	2	28	406
Standard_G2	4	56	812
Standard_G3	8	112	1,630
Standard_G4	16	224	3,250
Standard_G5	32	448	6,500

>30 Trillion

Objetos almacenados en
Azure

>13 Billones

Autenticaciones semanales
en Azure.

1.65 Millones

rolladores registrados en
Visual Studio Online
10% crecimiento mensual

✓ Infraestructura Nube como Servicio (IaaS)

✓ Plataforma Empresarial como Servicio (PaaS)

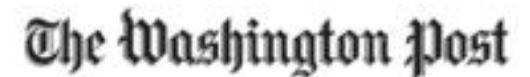
✓ **En el cuadrante de líderes de Gartner**
Public Cloud Storage Services

✓ x86 Server Virtualización

→ Microsoft es el único líder en los cuatro cuadrantes



ASTON MARTIN





**Elecciones
Regionales y
Municipales 2014**



cineplanet

**¡Compra
tus entradas
aquí!**

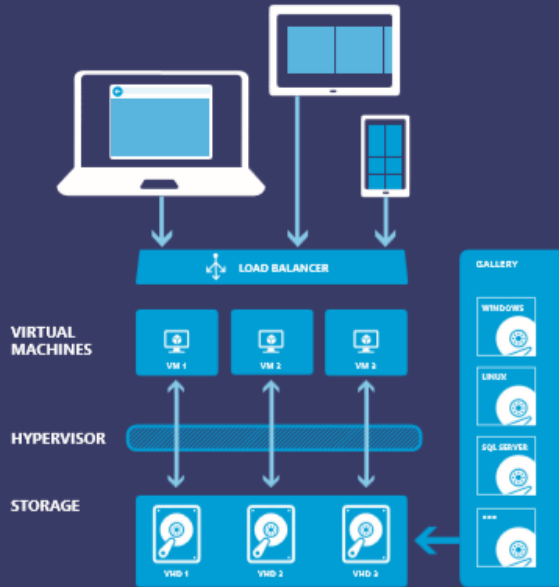
Comprar





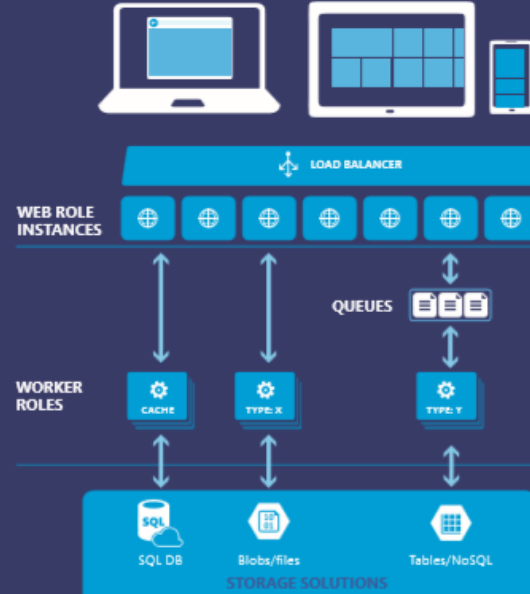
1. Virtual Machines

The basic cloud building block that gives you full access to a virtual machine with persistent storage that you completely own and control. You deploy, manage and architect resilience yourself across collections of VMs. These are most similar to VMs on-premise and are the easiest way to move existing workloads to the cloud.



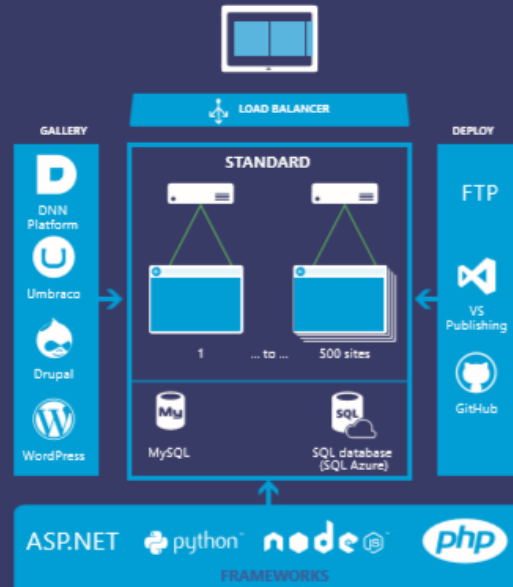
2. Cloud Services

Managed general purpose VMs that you have access to and can do quite low level configuration and deployment of additional software in the VM. VMs are stateless and you need to architect for and store state for your applications outside the VM. The Web Role is simply a worker role with IIS already installed/configured.



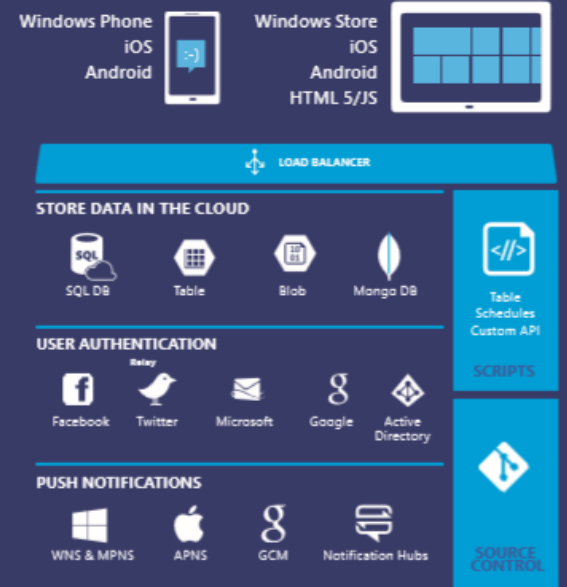
3. Web Sites

For applications that are completely web apps, the underlying VMs are abstracted from you and managed for you. You focus only on your web code and simple or integrated deployment of that code from source control. Choose from the gallery, develop with your framework, and deploy with your source control. Use the data platform of your choice.



4. Mobile Services

Devices need to call a web API to store data and execute business logic and mobile services provides this capability without you needing to worry about the underlying web api infrastructure or even worry about much of the API code to store and retrieve data from your mobile application.



DATA SERVICES



Storage

Provides many options to securely manage data. Accessible via REST APIs. Blob storage provides up to 100 terabytes per account.



SQL Database

Simple, reliable server backup to the cloud. Configure, monitor, and recover backups to local or Windows Azure storage.



Import Export

Transfer large amounts of file data smoothly into blob storage. Use the management portal or send hard disks to a Windows Azure datacenter.



HDInsight

Based on Apache Hadoop, enables easy provisioning and integration of big data with tools including Microsoft Office and System Center.



SQL Data Sync

Enables regular and on-demand synchronization between instances of SQL Database and instances of either SQL Server and/or SQL Database.



Recovery Services

Easily back up Windows Server using the Hyper-V Recovery Manager. Schedule routing backups and recover files or folders.



Backup Agent

Create a backup schedule for your data using PowerShell cmdlets.



Cache

Helps applications scale and be more responsive under load by keeping data closer to application logic.

NETWORK SERVICES



Virtual Network

Provision and manage VMs in Windows Azure and securely link to your on-premises IT infrastructure.



Traffic Manager

Load-balance incoming traffic across multiple services running in the same or different datacenters.

APP SERVICES



Notification Hubs

Deliver millions of cross-platform push notifications within minutes from any application back-end, on-premises or in the cloud.



Service Bus

Messaging channel for connecting your cloud applications to your on-premises applications, services, and systems.



Visual Studio Online

Host code, plan and track projects, and collaborate with team members to deliver better software.



Media Services

Build workflows to create, manage, and distribute on-demand media and live streaming events.



BizTalk Services

Build EDI services and Enterprise Application Integration (EAI) solutions in the cloud.



Active Directory

Identity and access management cloud solution: directory services, identity governance, security, and application access management.



Store

Lets you easily find, access, and manage services and data sets, directly from the management portal.



Scheduler

Lets you create jobs that call services in and outside of Windows Azure and lets you specify when and how often those jobs run.



CDN

Delivers high-bandwidth content by caching blobs and static content of compute instances at physical nodes globally.



Multi Factor Authentication

Works with Active Directory to safeguard access to data and applications yet deliver a simple sign-in process.



