

Transición hacia la nube: del mito a la realidad

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Microsoft



Cambio Generacional

1960



1980

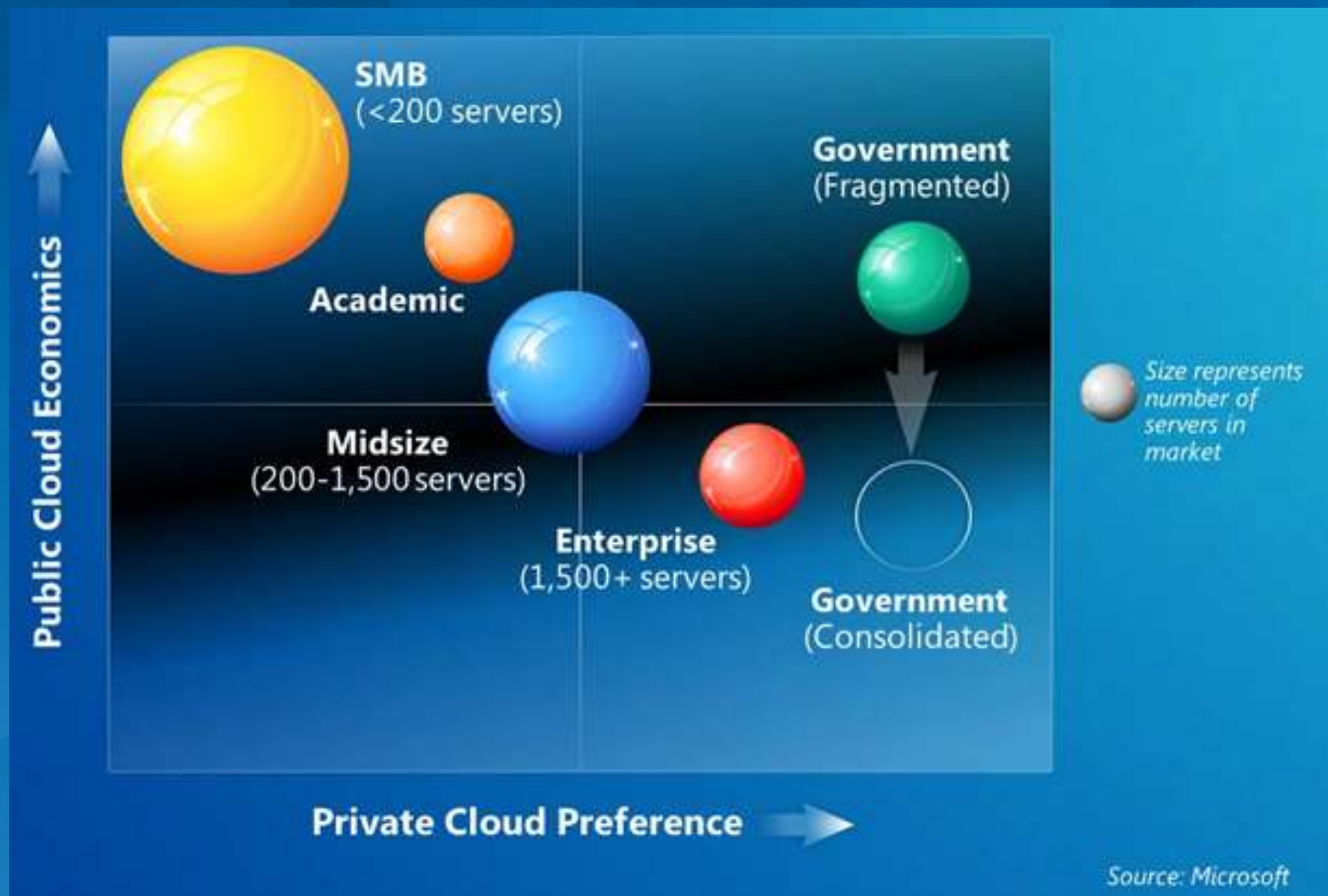


2000 ...

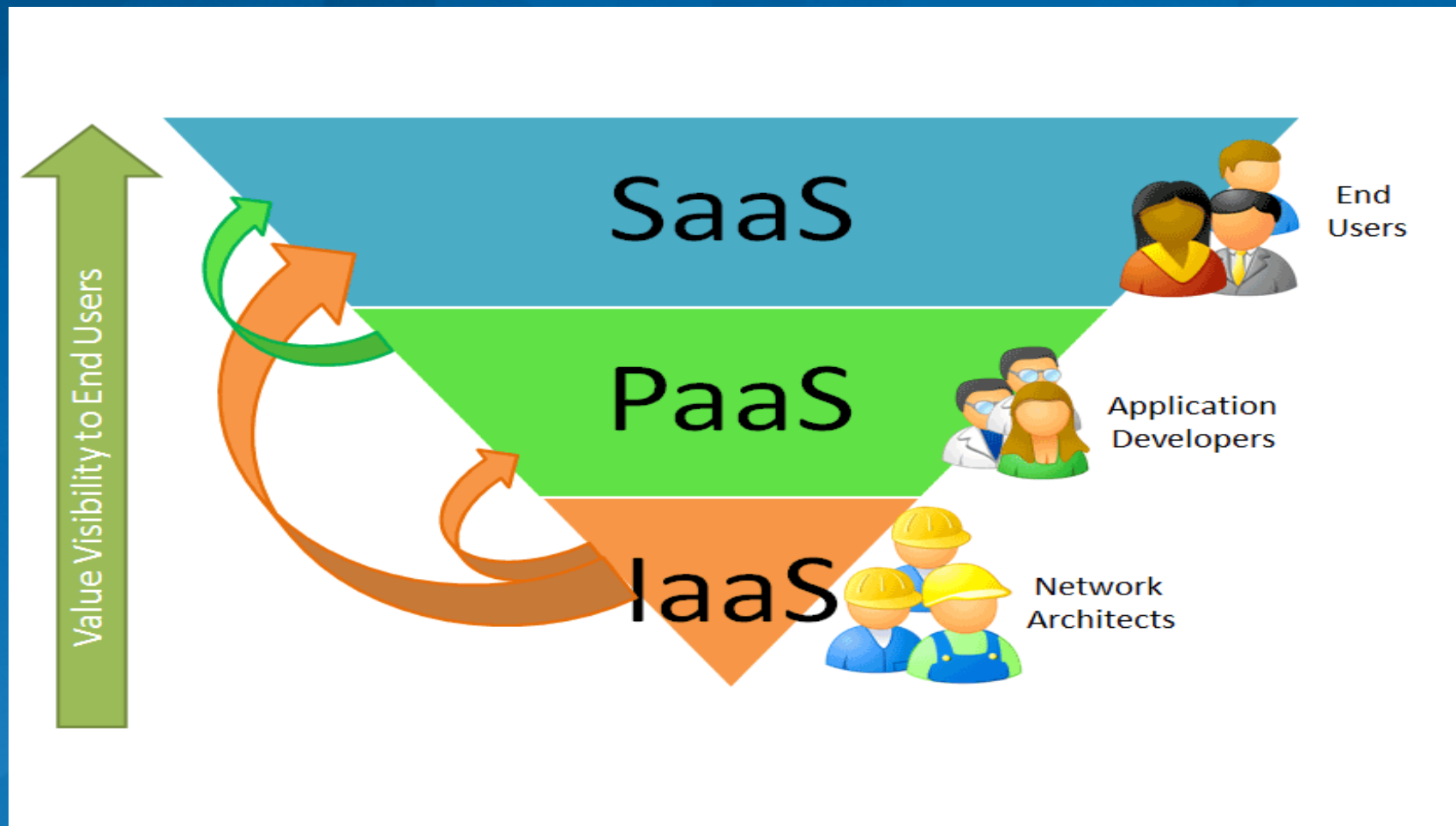


- Tecnología
- Economía
- Negocios

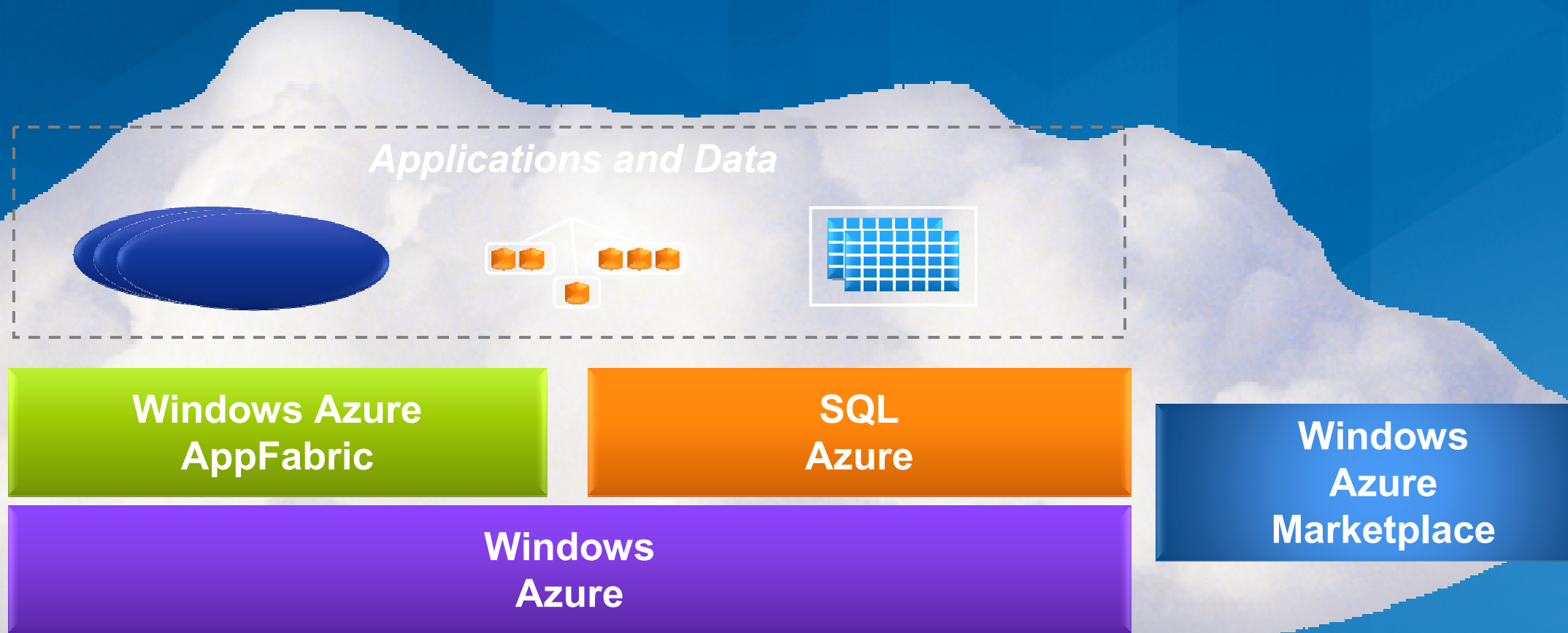
Nube Pública, Nube Privada



Servicios de la Nube

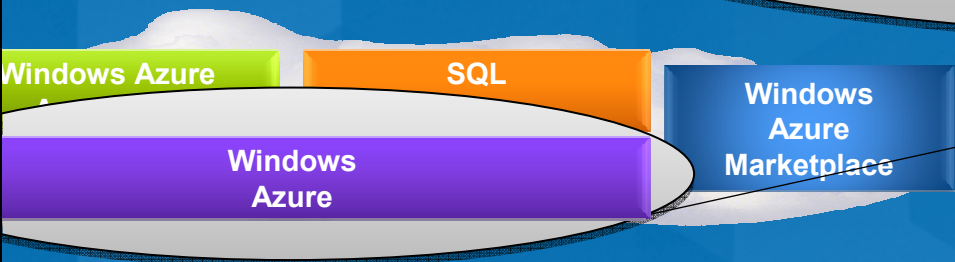
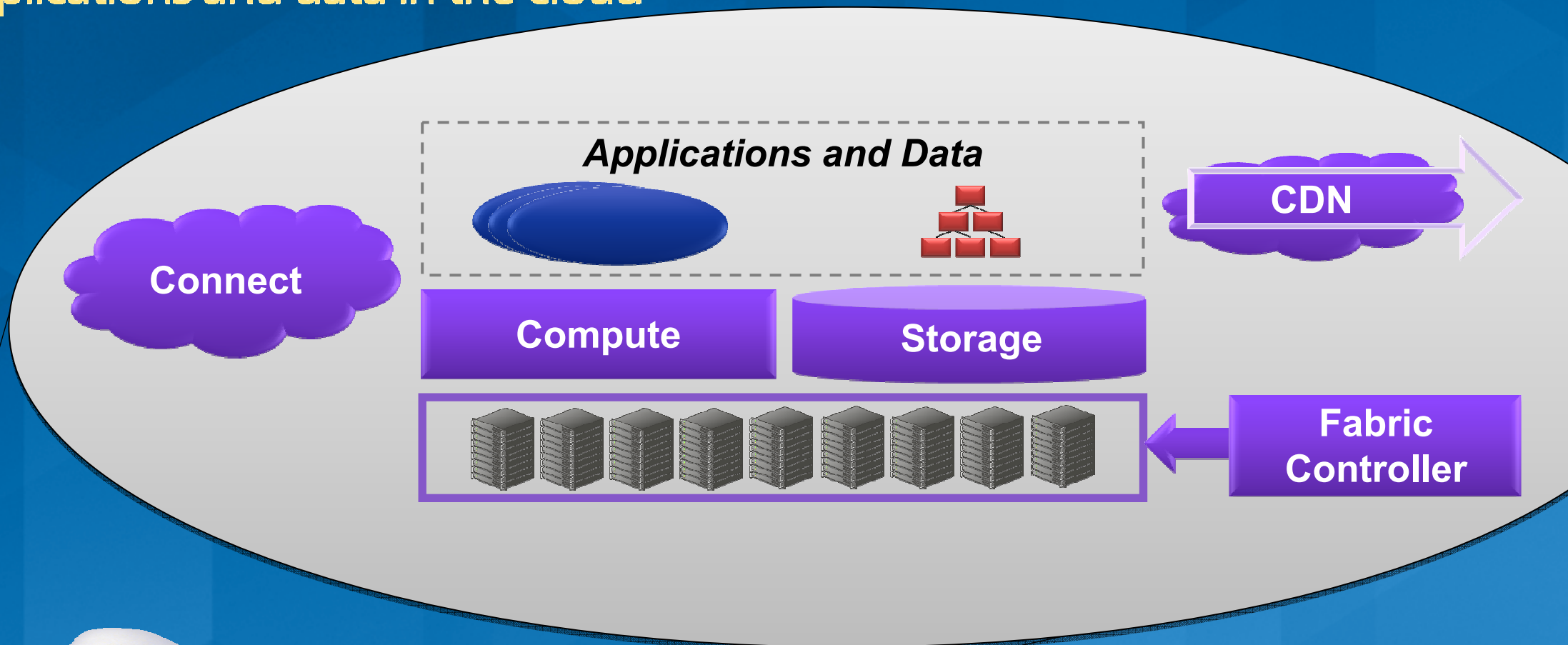


The Windows Azure Platform

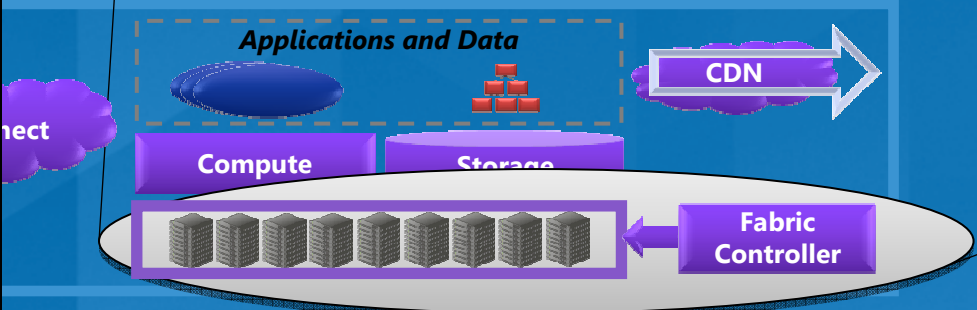
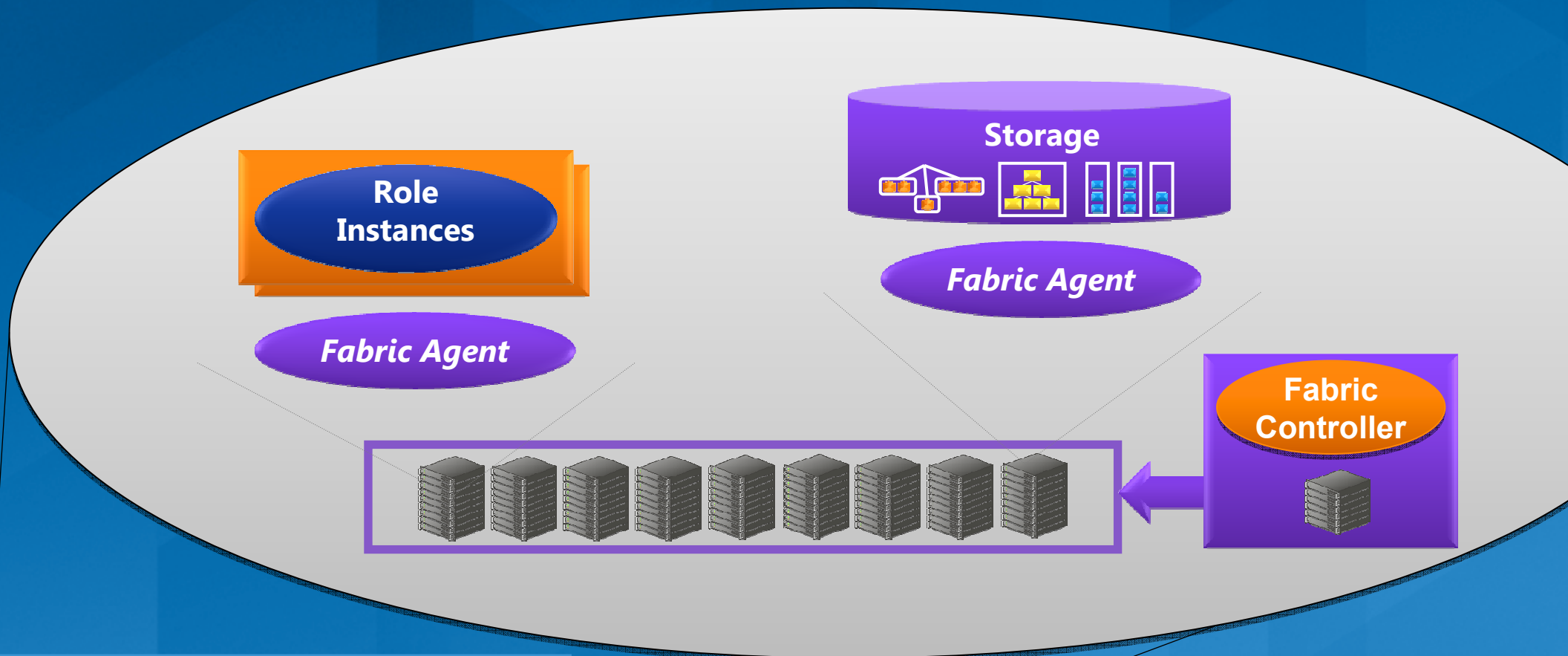


Windows Azure

applications and data in the cloud

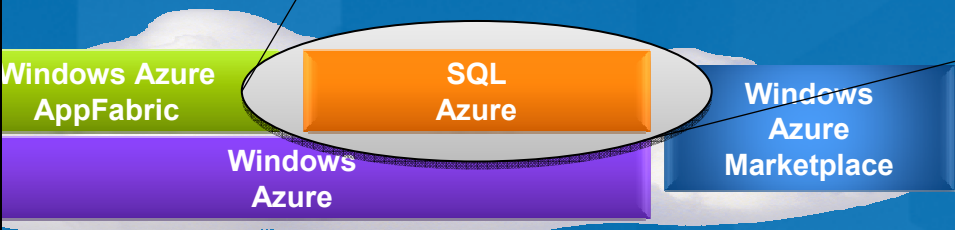
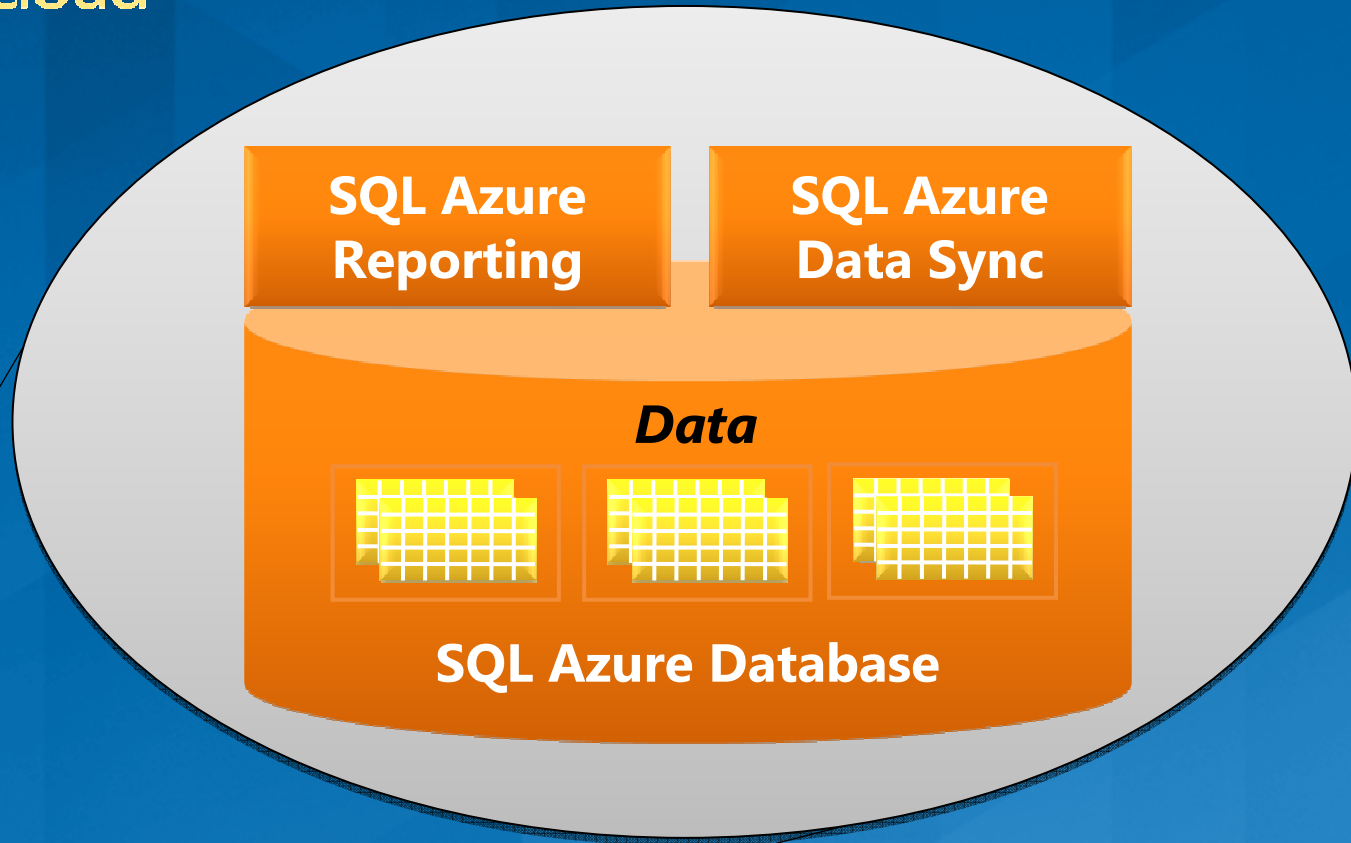


Windows Azure Fabric Controller



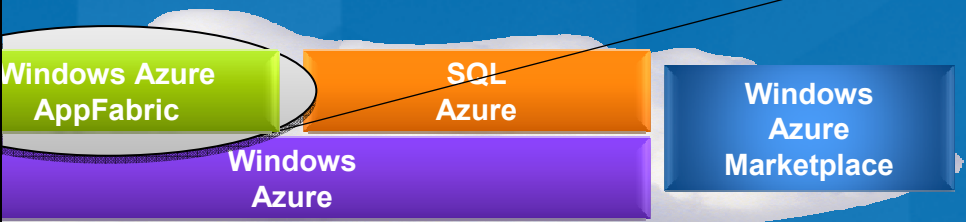
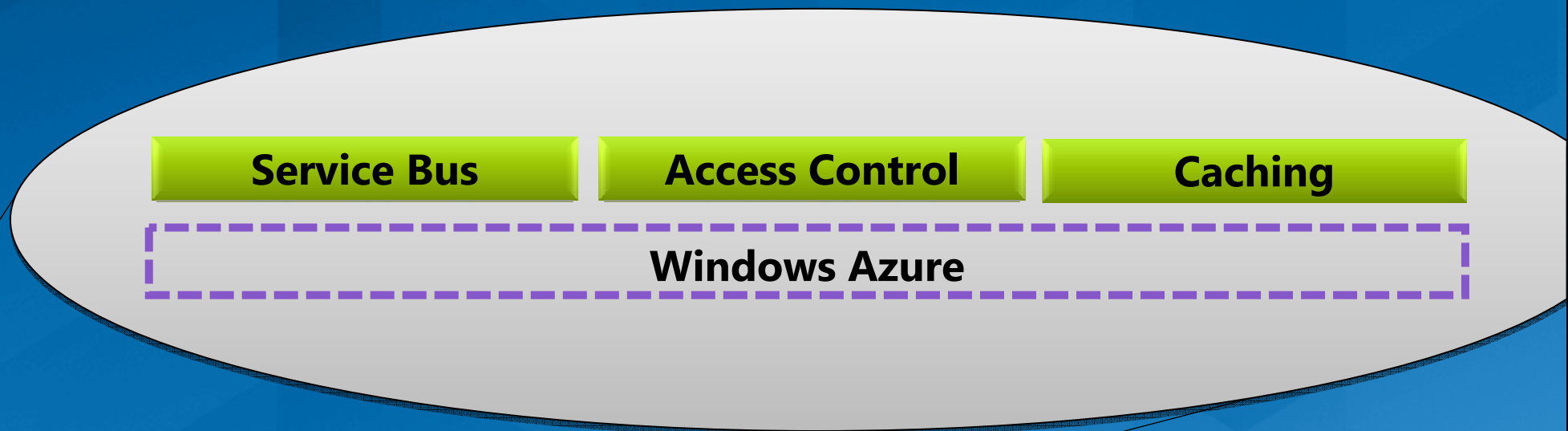
SQL Azure

relational data in the cloud



Windows Azure AppFabric

Application infrastructure in the cloud



Soluciones Híbridas

System Center
Codename "Concero"

Microsoft System Center
Codename "Concero"

Microsoft System Center
Codename "Concero"

Overview
Clouds
Services
Virtual machines
Library
Jobs

All virtual machines (73)

Deploy | Pause | Shut down | Stop | Connect


Virtual machine	Status	Owner	Connection name	Cloud
dfwek089f	Running		VMM Production	Production - Gold
dfwek090b	Running		VMM Production	Production - Gold
dftst089f	Running		VMM Production	Production - Gold
dftst090b	Running		VMM Production	Production - Gold
chkproc07c	Running		VMM Production	Production - Gold
chkproc09p	Running		VMM Production	Production - Gold
frddtn15c	Running		VMM Production	Production - Gold
frddtn18c	Running		VMM Production	Production - Gold
frddtn17p	Running		VMM Production	Production - Gold
frddtn23c	Running		VMM Staging	Development - Bronze
frddtn20c	Running		VMM Staging	Development - Bronze
frddtn25p	Running		VMM Staging	Development - Bronze
EXMG14-NA01	Running		VMM Production	Test - Silver
EXMG14-NA02	Running		VMM Production	Test - Silver
EXMG14-NA03	Running		VMM Production	Test - Silver
EXMG14-NA04	Running		VMM Production	Test - Silver

55% complete

Mayor poder computacional


GreenButton Apps Pricing Community Support

Artists



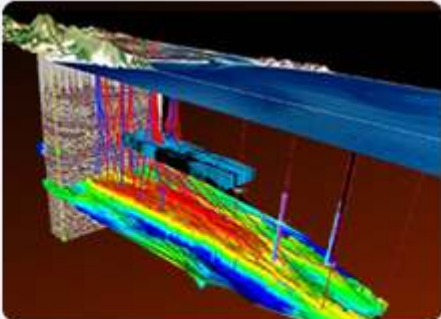
GreenButton plugin allows artists to access the power of Cloud.

Biotech Research



GreenButton has now made it possible for bioinformatics software.

Geoscience & Eng.



The GreenButton can be used to harness the power of Cloud.



HD Large Plant Green Button Microsoft Azur.avi

Escenarios Típicos

"On and Off"



"Growing Fast"



"Unpredictable Bursting"



"Predictable Bursting"



Anti-Escenarios

Latencia / Rendimiento

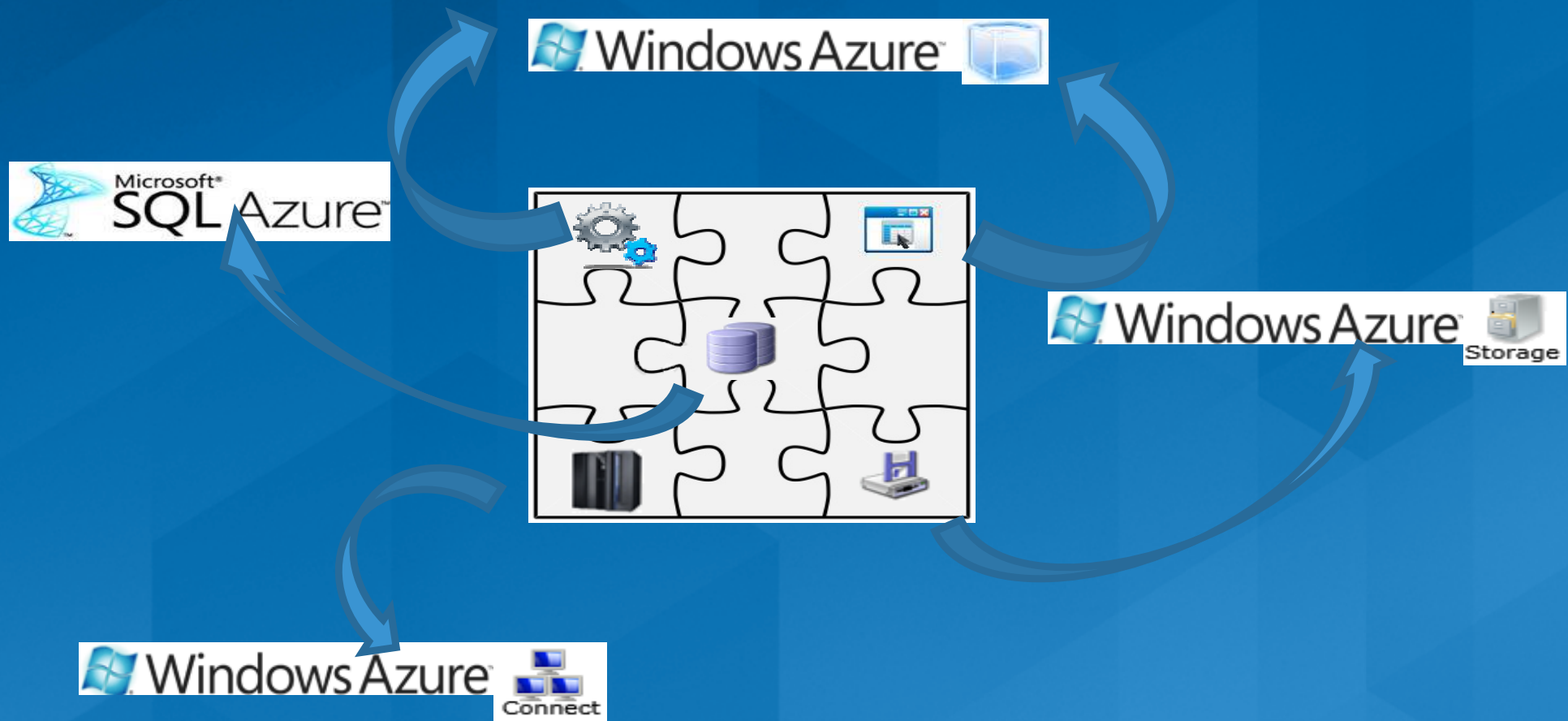
Privacidad / Seguridad

Dependencia en infraestructura local

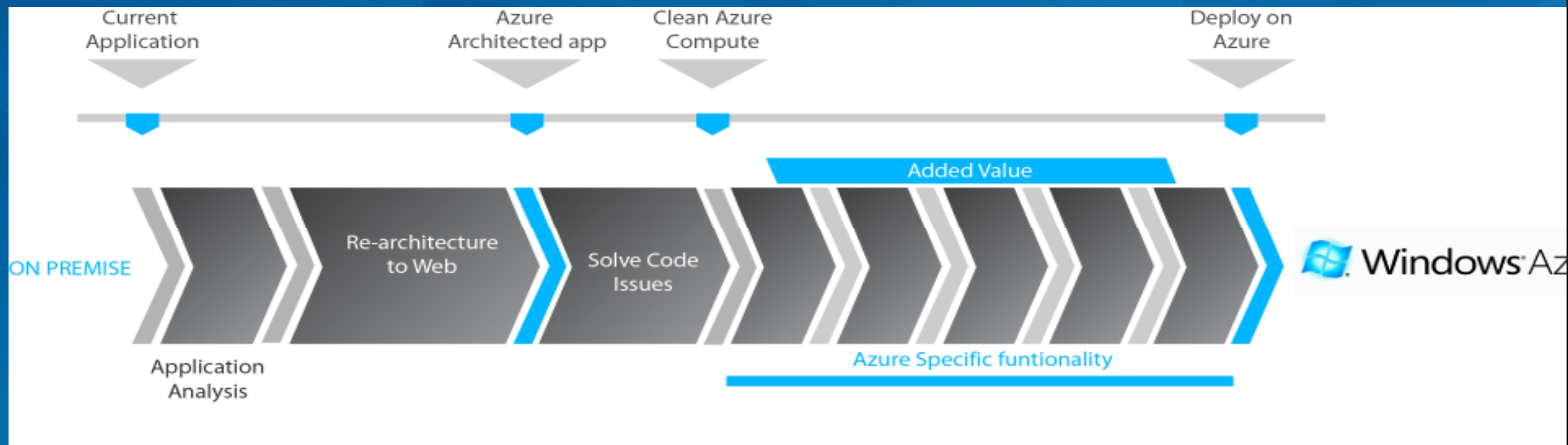
Costo

Disposiciones legales

Descomposición de la Solución



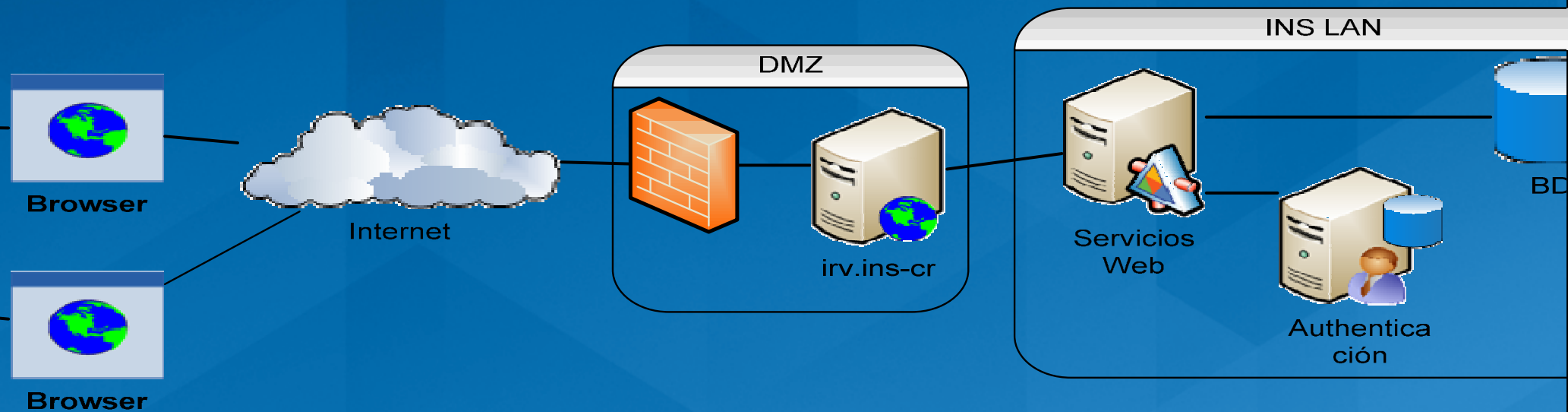
Proceso de Migración



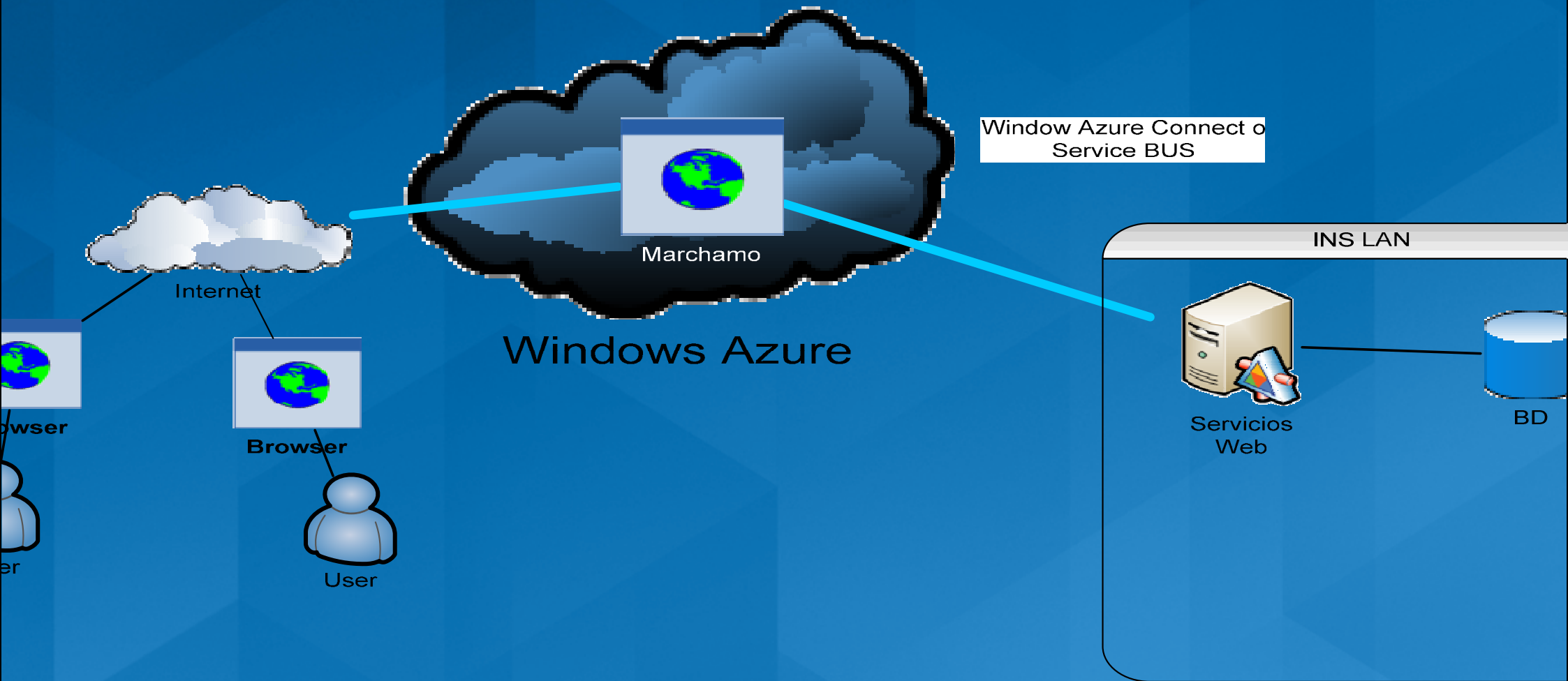
Caso de éxito



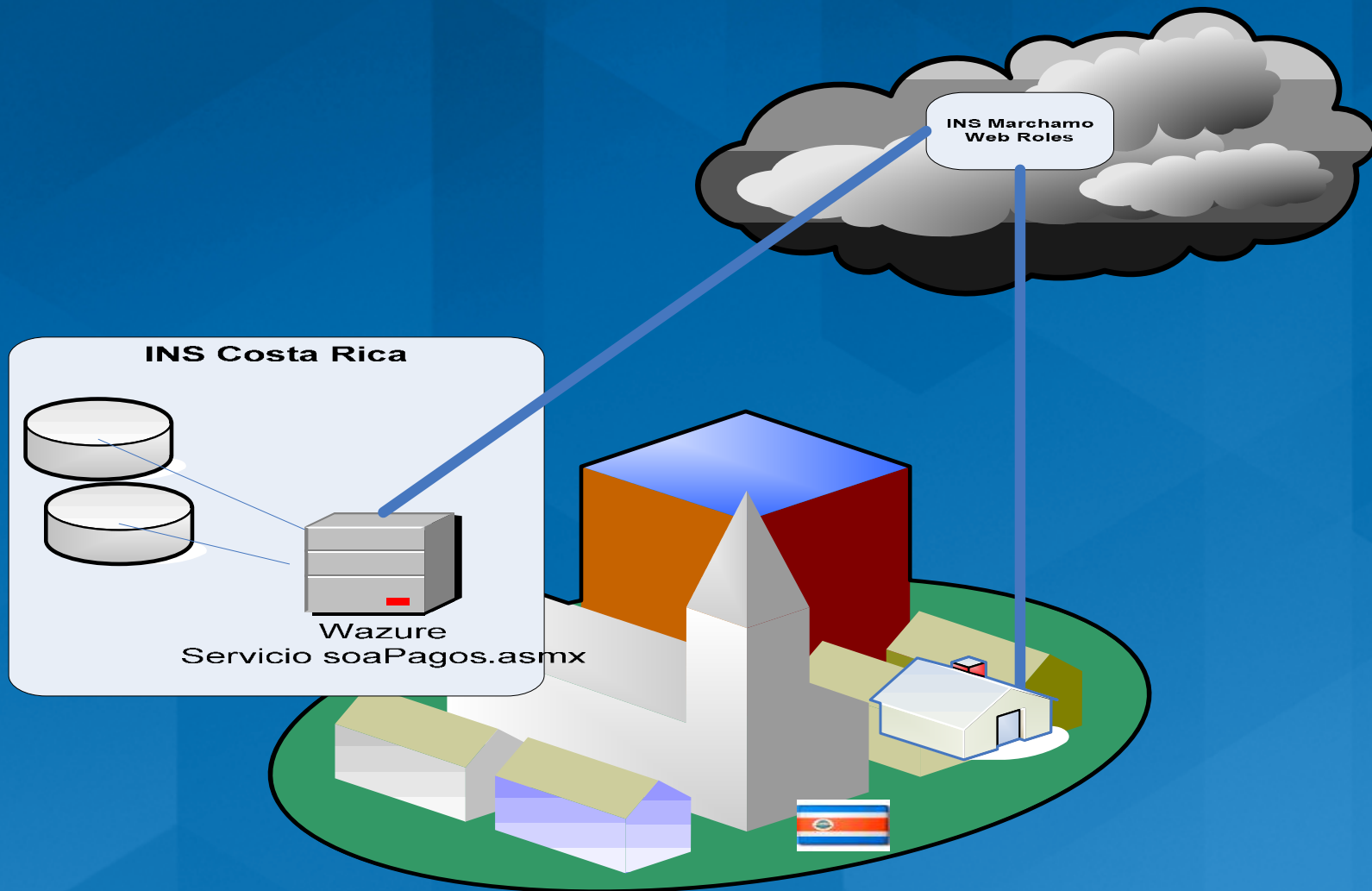
INS: Arquitectura Original



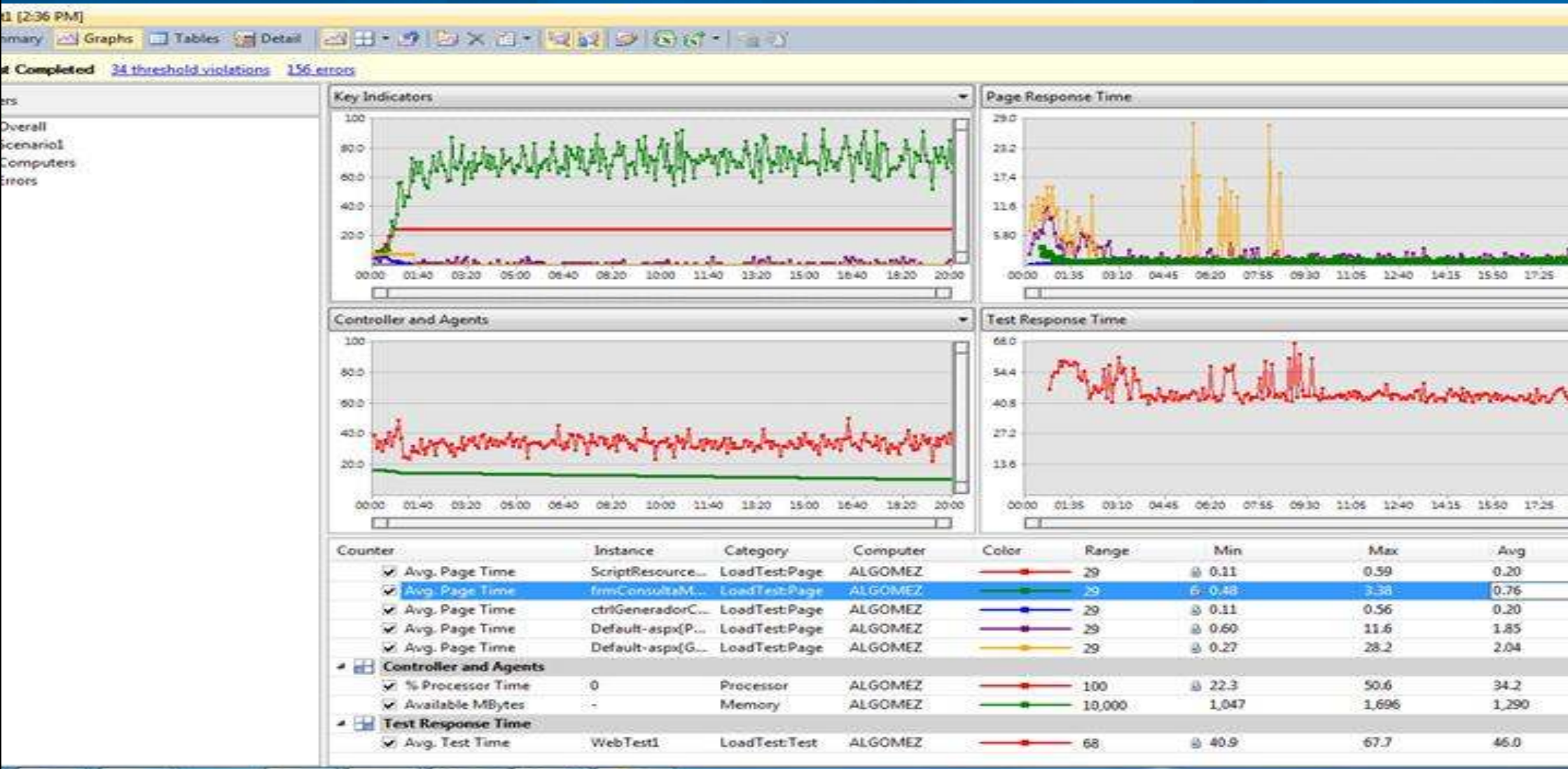
INS: Arquitectura Final



INS: Consideraciones



NS: Resultados Prueba de Carga



2011 MICROSOFT COUNTRY PARTNER OF THE YEAR

Signature SouthConsulting fue premiado en el evento mundial de partners de Microsoft realizado en Los Angeles.

Este reconocimiento nos motiva a seguir trabajando de la misma forma y continuar demostrando que somos la REFERENCIA MUNDIAL EN FACTURACIÓN ELECTRÓNICA.



2011 MICROSOFT.
PARTNER OF THE YEAR

Preguntas & Respuestas

Gracias!



Microsoft



ADICIONAL



Cambio Generacional

Tecnología



● Computación y almacenamiento centralizado. Clientes Livianos.



● PCs y servidores para computación y almacenamiento distribuido.



● Grandes Data Centers, Hardware genérico, scale-out, muchos dispositivos

Economía

● Optimizado para eficiencia debido al alto costo.

● Optimizado para agilidad debido al bajo costo.

● Eficiencia y agilidad mejores en ordenes de magnitud

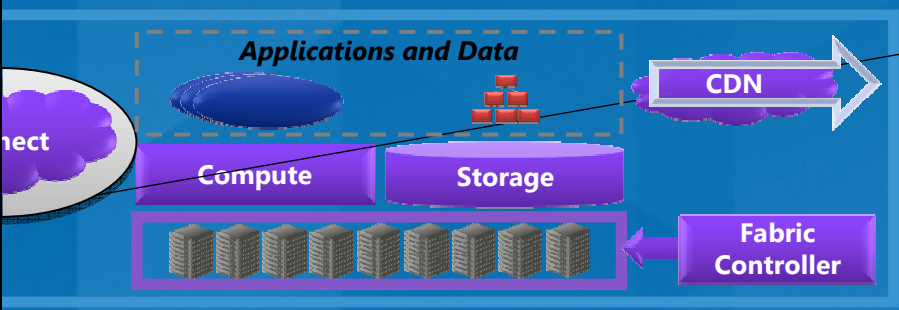
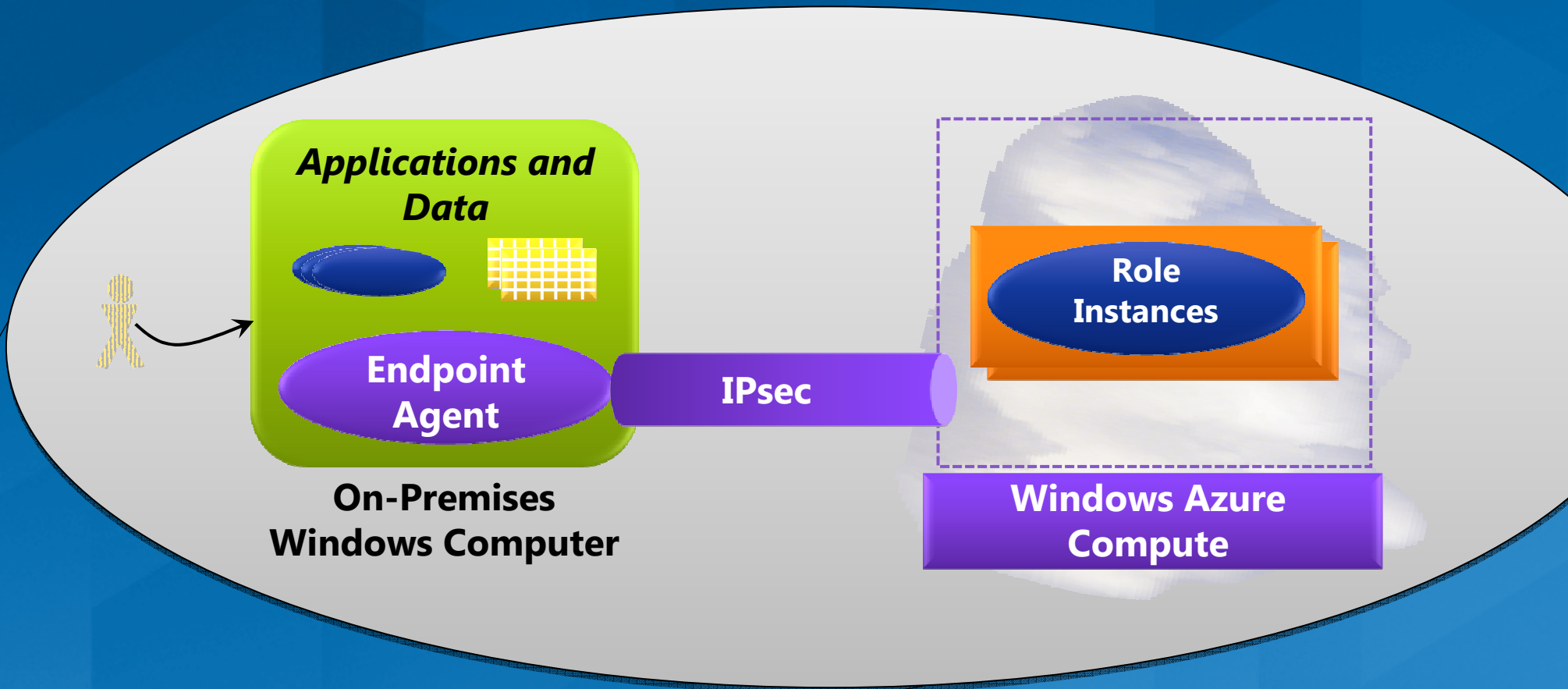
Negocios

● Altos costos iniciales HW y Software.

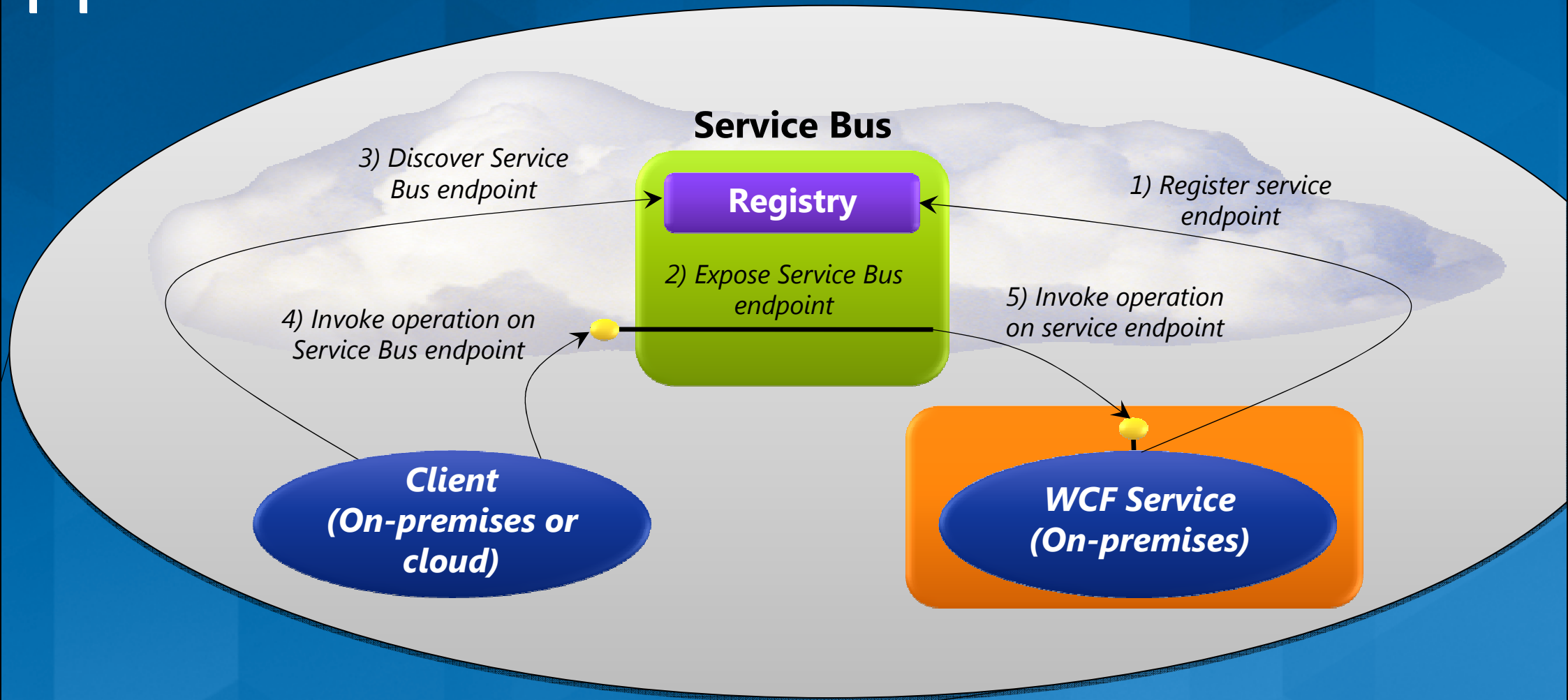
● Licencias perpetuas Sistema Operativo Aplicaciones.

● Pago incremental y uso

Windows Azure Connect



AppFabric Service Bus



Service Bus | Access Control | Caching

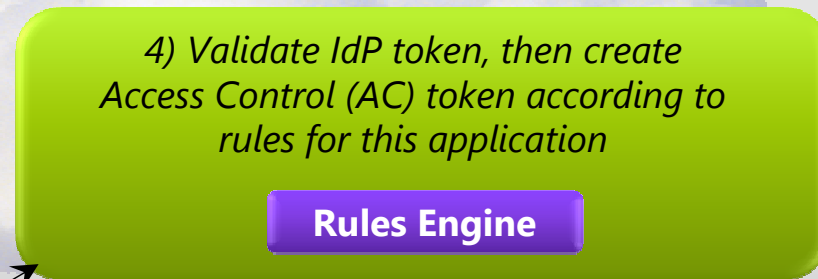
Windows Azure

AppFabric Access Control

Identity Providers (IdPs)



Access Control



2) Authenticate user, then return IdP token



3) Send IdP token to Access Control



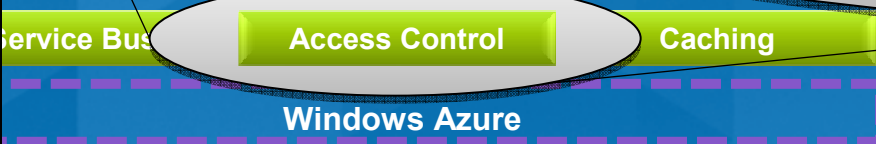
5) Return Access Control token



7) Validate Access Control token, then use its claims

6) Submit Access Control token

1) Access application and get redirected to IdP



AppFabric Caching

