

MBA GUSTAVO ROJAS

Cloud Computing

CONCEPTOS
GOBIERNO
INTEGRACION
IMPACTO ORGANIZACIONAL
CADENA DE VALOR

Modelo NIST Cloud Computing

Máquinas virtuales (MV)

Autoservicio por demanda

Integración

Portabilidad

Políticas

APIs



Modelo multi-inquilino o *multi-tenancy*

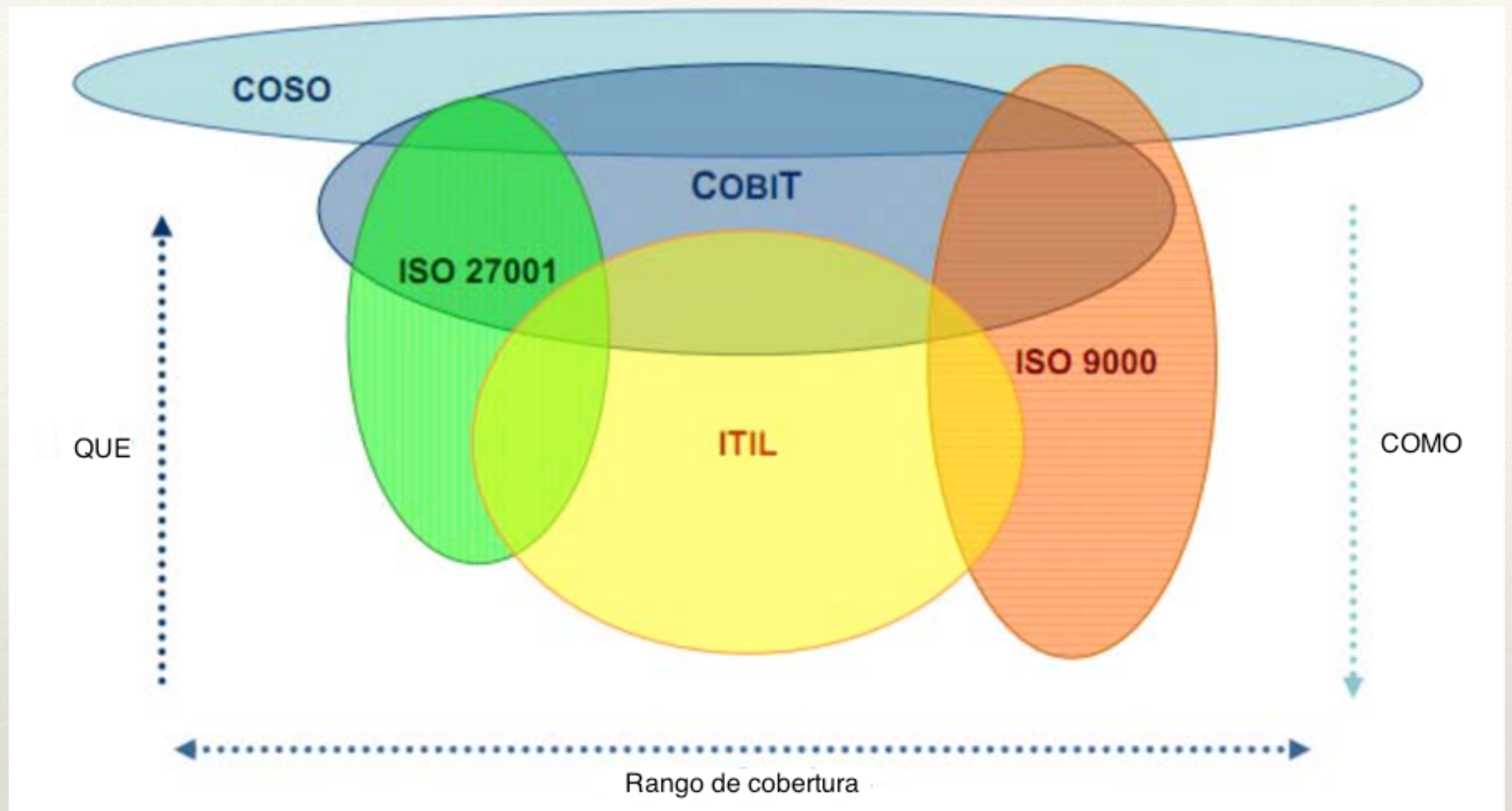
Rápida elasticidad

Mínima interacción humana con el proveedor

Cloud bursting SLAs

Servicio medible

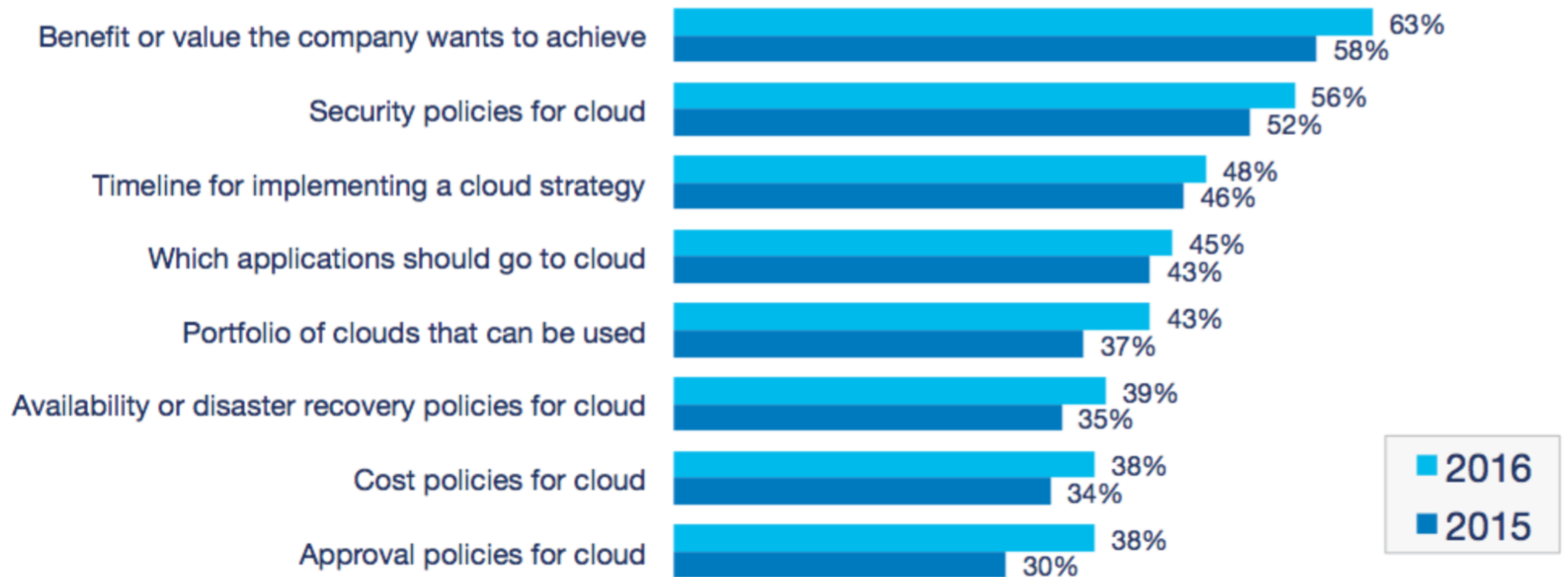
Interoperabilidad



Modelos de Gobierno

Framework Relationship
(Nguyen , 2010)

Enterprises with Key Areas of Cloud Governance Defined



Source: RightScale 2016 State of the Cloud Report

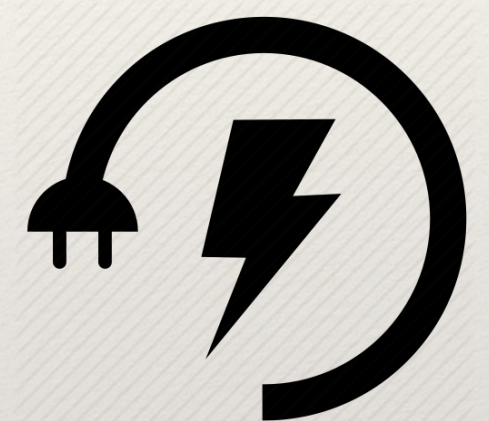
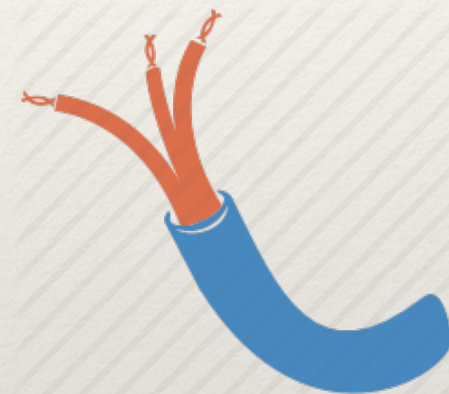
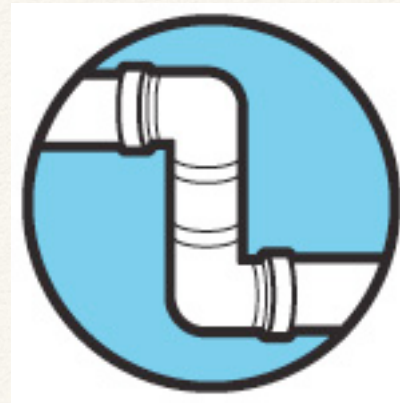
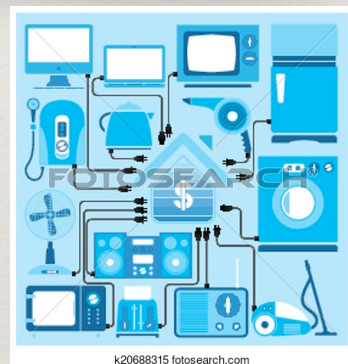
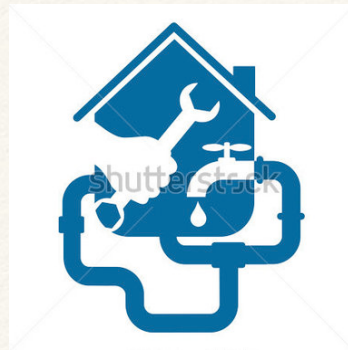
Areas claves de Gobierno de Cloud

Informe State of Cloud 2016

Integración

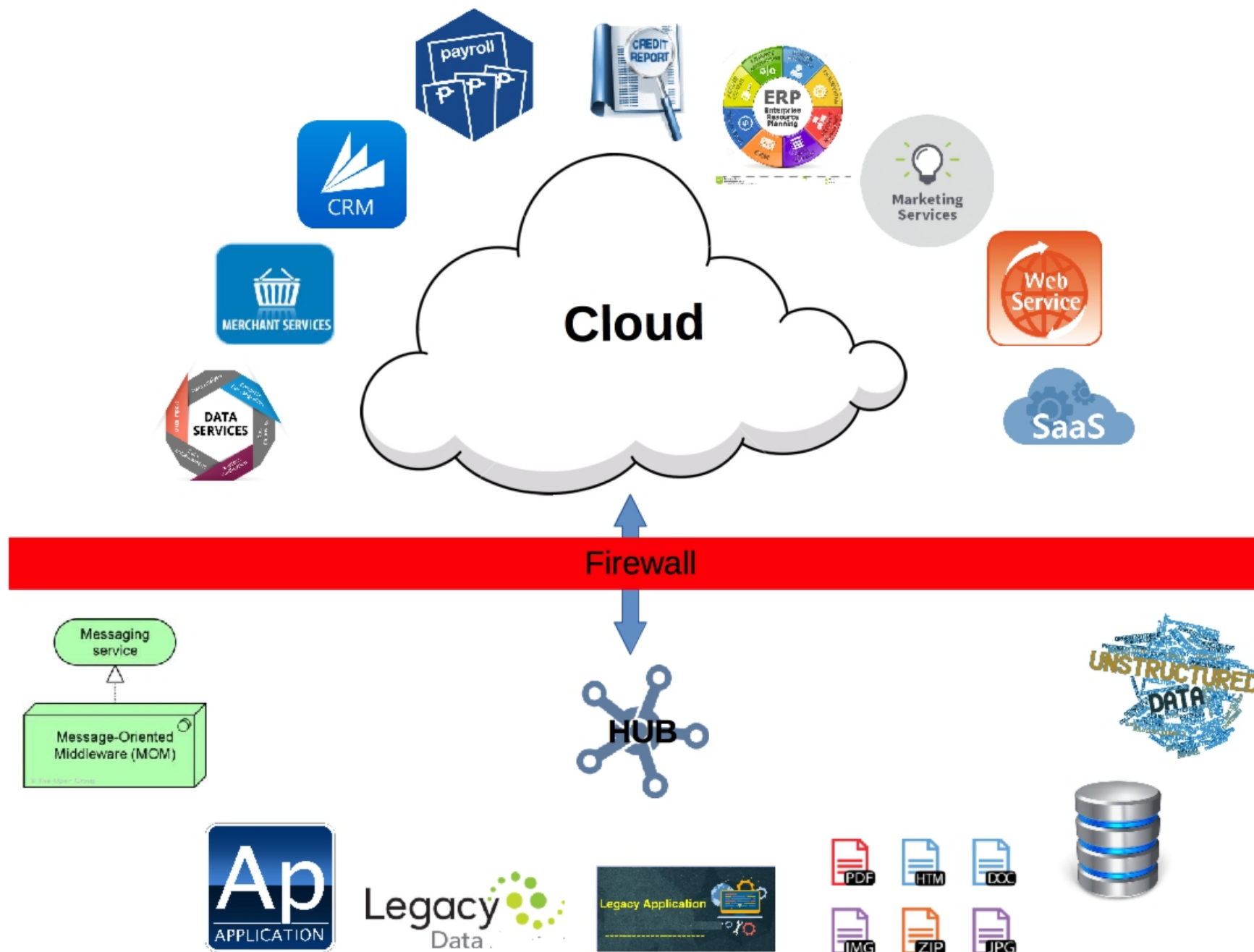
Adaptarse al servicio
Diferentes modelos y niveles.





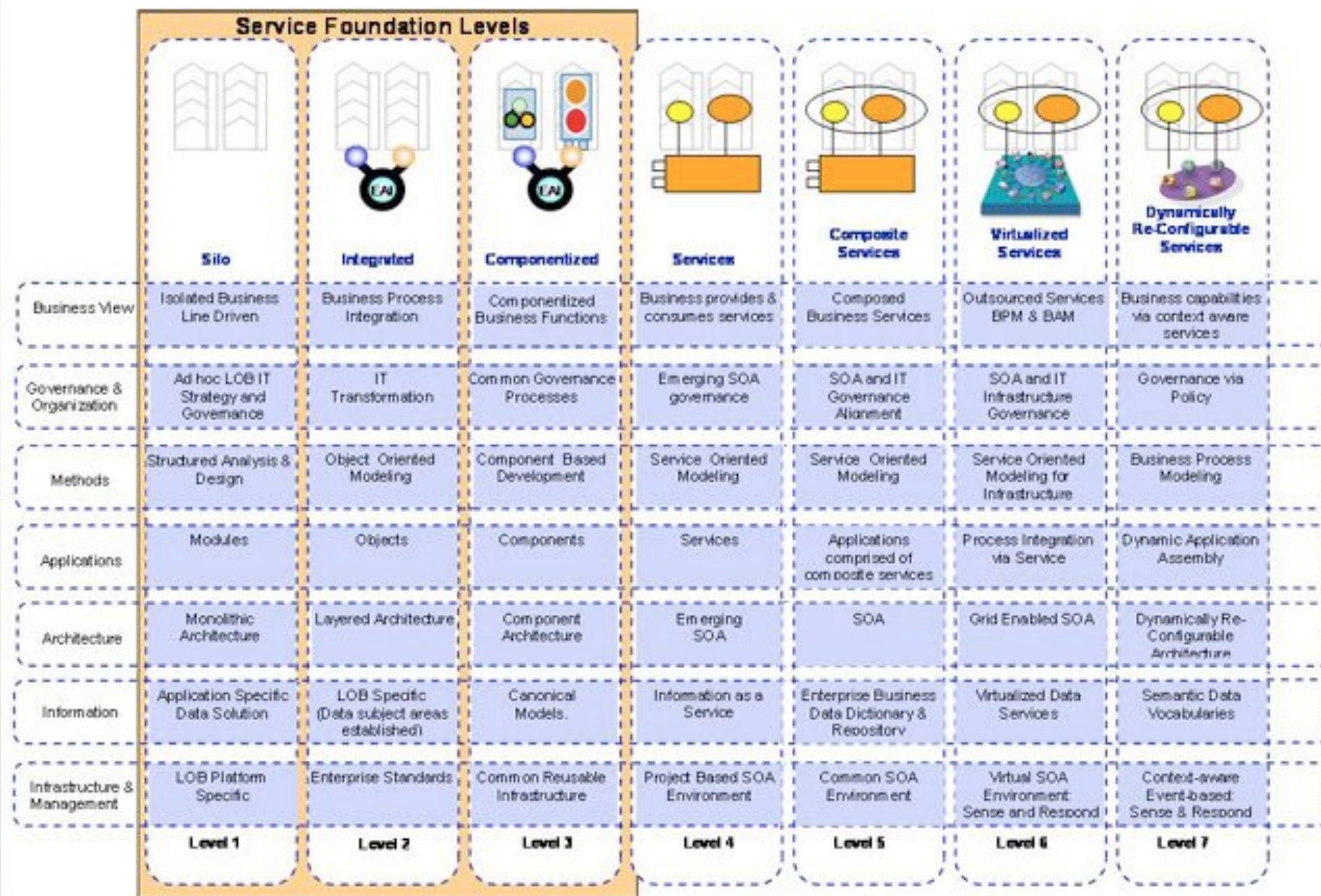
Analogía a un servicio público “tradicional”

Nos debemos adaptar y tener infraestructura “local” totalmente compatible con el servicio. Es el Servicio en que pone las reglas .



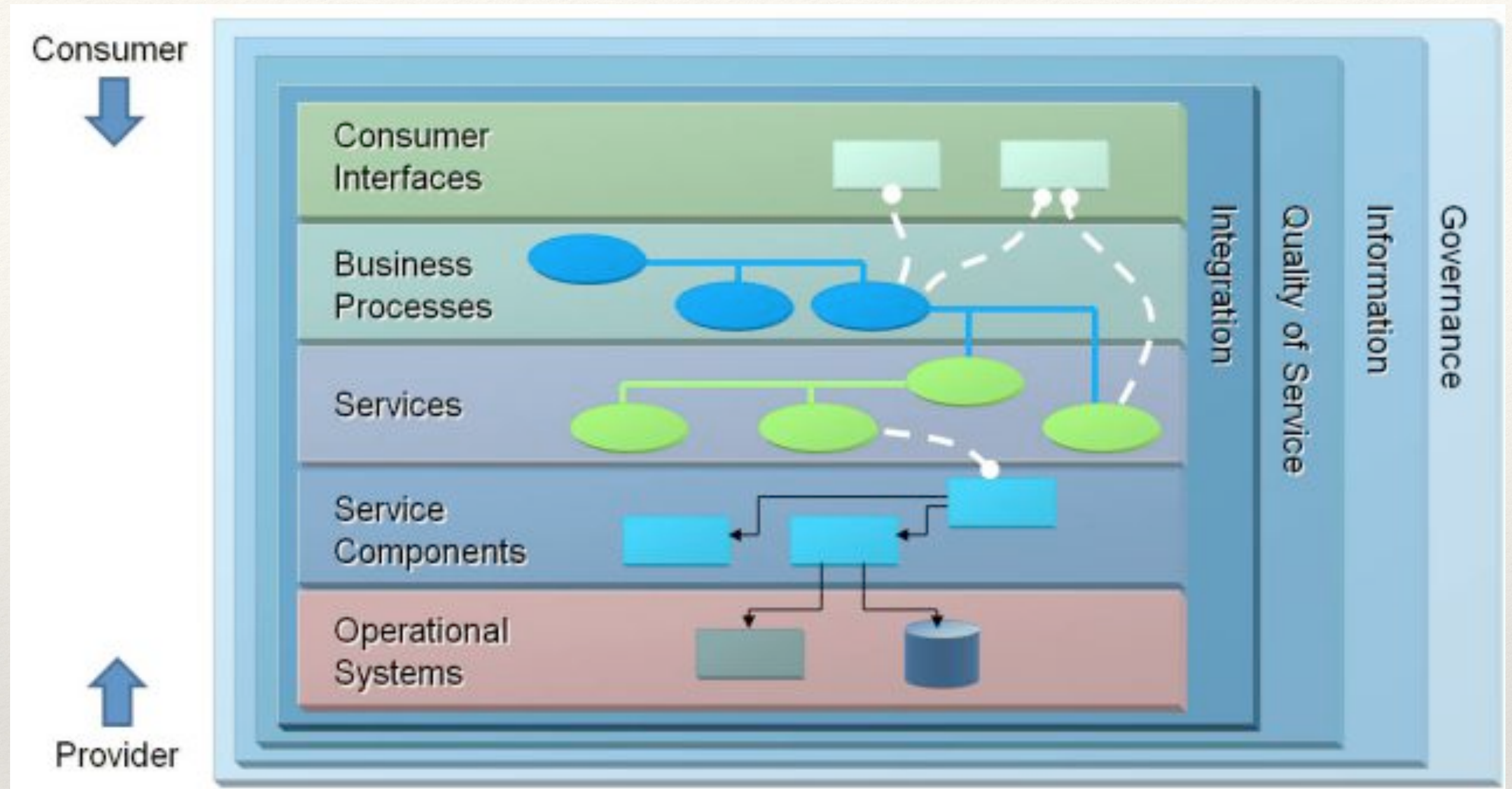
Diversidad de servicios
Diversidad de integraciones

Con reglas determinadas
por el servicio.



Open Group Service Integration Maturity Model (OSIMM)

Cloud debe hacernos reflexionar nuestro nivel de Madurez de adopción de SOA Para obtener mejor provecho del servicio .



Nivel de Madurez del proveedor y del cliente

Requiere cambios a nivel del cliente tanto a nivel tecnologico como organizacional

	IT Customer Relationship	IT Business Strategy	IT Business Administration	Business Resilience	Information	Service&Solution Development	Service&Solution Deployment	Service&Solution Support
Direct	Customer Business Intelligence	Business Techn & Strategy Govern	IT Business Model	Business Risk & Compliance Strategy	Information Strategy	Development Strategy	Deployment Strategy	Service Delivery Strategy
	Customer Transformation Needs Identification	Portfolio Strategy Mgt		Business Resilience Strategy				Service Support Strategy
Control	Market Planning & Communications	IT Management System Control	Financial Control & Accounting	Business Risk & Compliance Control	Information Architecture	Service & Solution Lifecycle Planning	Service & Solution Implementation Planning	Service Delivery Control
	Customer Transformation Consulting & Guidance	Portfolio Value Mgt	Site & Facility Administration	Continuous Business Operations Planning	Information Lifecycle Planning & Control	Service & Solution Architecture	Change Deployment Control	Infrastructure Resource Planning
	Service Demand & Performance Planning	Technology Innovation	HR Planning & Administration	Security, Privacy & Data Protection				Service Support Planning
Execute	Service & Solution Selling	Project Mgt	Procurement & Contracts	Business Compliance Analysis	Information Content	Service & Solution Creation & Testing	Technology Implementation	Service Delivery Operations
	Service Performance Analysis	Knowledge Mgt	Vendor Service Coordination	Business Resilience Operations		Service & Solution Maintenance & Testing	Service & Solution Rollout	Infrastructure Resource Operations
			Customer Contracts & Pricing	User Identity & Access Processing				Service Support Operations

Impacto en el "Negocio de TI"

Modelo CBM de IBM (2010 IBM Corp) .

Representado en viendo a TI como un negocio.

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	Customer Transformation Needs Identification	Enterprise Architecture Service Mgt Strategy		Business Resilience Strategy				Service Support Strategy
Control	Market Planning & Communications	IT Management System Control	Financial Control & Accounting	Business Risk & Compliance Control	Information Architecture	Service & Solution Lifecycle Planning	Service & Solution Implementation Planning	Service Delivery Control
	Customer Transformation Consulting & Guidance	Portfolio Value Mgt	Site & Facility Administration HR Planning & Administration	Continuous Business Operations Planning	Information Lifecycle Planning & Control	Service & Solution Architecture	Change Deployment Control	Infrastructure Resource Planning
	Service Demand & Performance Planning	Technology Innovation	Sourcing Relationships & Selection	Security, Privacy & Data Protection				Service Support Planning
Execute	Service & Solution Selling	Project Mgt	Procurement & Contracts Vendor Service Coordination	Business Compliance Analysis Business Resilience Operations	Information Content	Service & Solution Creation & Testing	Technology Implementation	Service Delivery Operations Infrastructure Resource Operations
	Service Performance Analysis	Knowledge Mgt	Customer Contracts & Pricing	User Identity & Access Processing		Service & Solution Maintenance & Testing	Service & Solution Rollout	Service Support Operations

☐ Low impact
☐ Moderate impact
☒ High impact

Impacto de la nube privada en el Negocio de TI

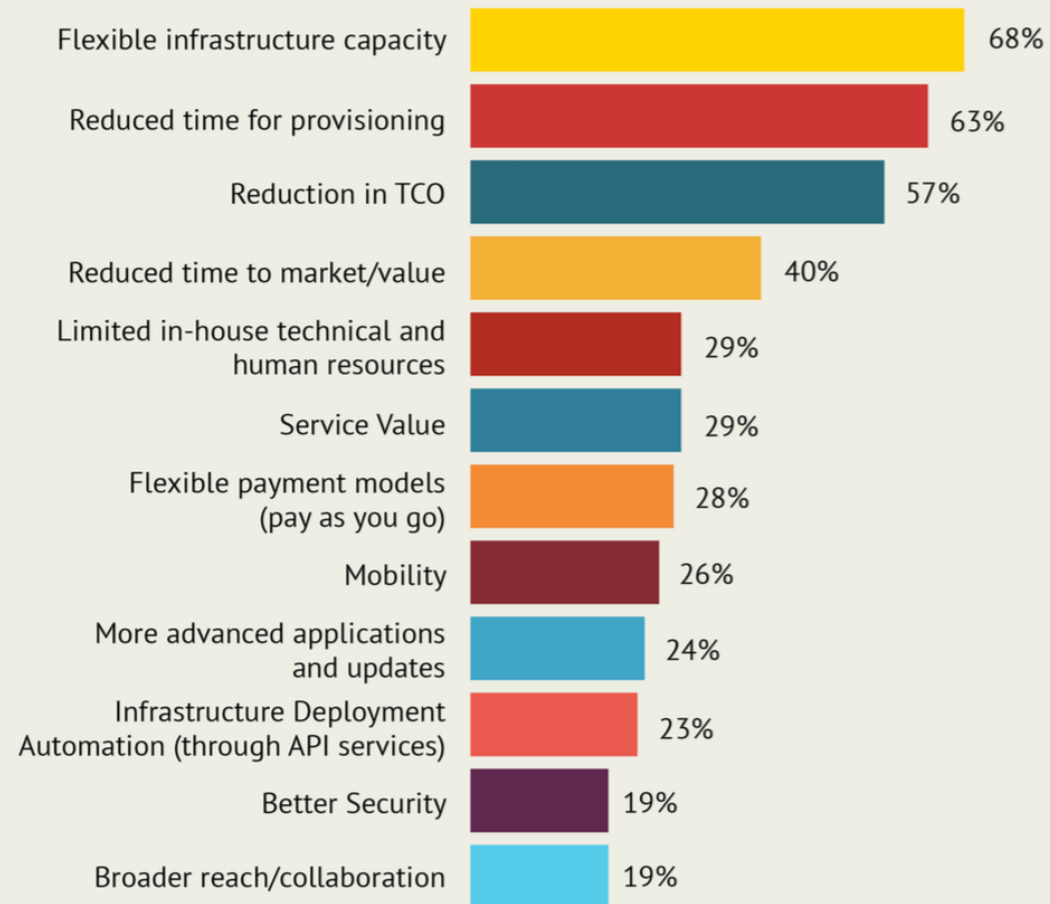
Modelo CBM 2010 IBM Corporation

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Low impact Moderate impact High impact								

Impacto de la nube publica en el Negocio de TI

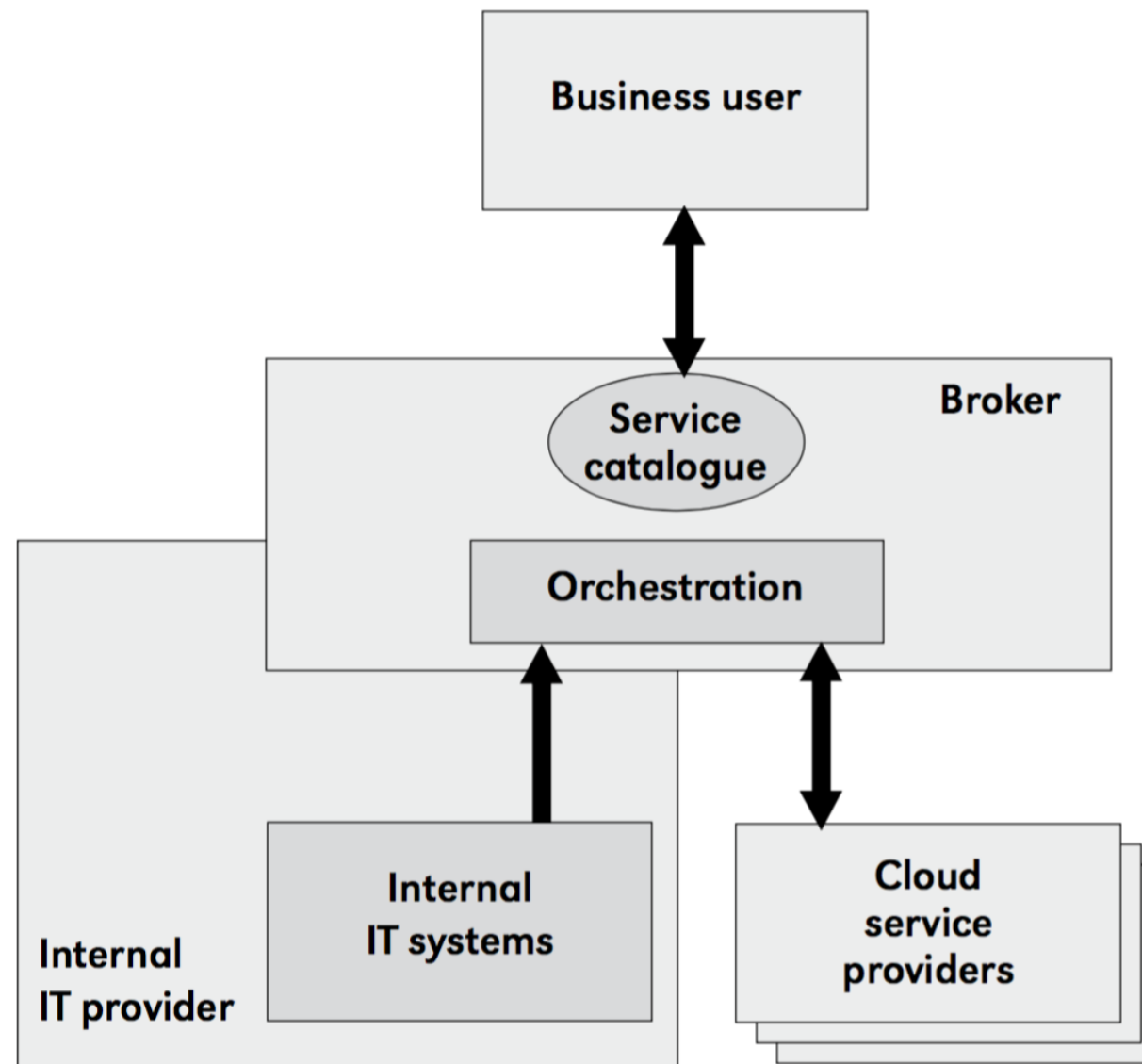
Modelo CBM 2010 IBM Corporation

Primary reason for adopting cloud computing



Razones para adoptar el Cloud

How Cloud is Being Used in the Financial Sector: Survey Report March 2015.
Cloud Security Alliance



Nueva cadena de
valor de TI

Seize the Cloud 2011 .
Creative Commons .
