

TCS IT Best Practices Audit

Cloud Computing Readiness Options Matrix™

The Consultants Source Cloud Computing Options Matrix™			Cloud Options				Other Options		
Category	Action Score™		Description of Current State	SaaS - Software as a Service	PaaS - Platform as a Service	IaaS - Infrastructure as a Service	Private Cloud	Short Term	Longer term
Business Preparedness	22	PROACTIVE	Few, low impact issues with existing processes, training, change management, clearly articulating requirements, etc.	Migrate existing app (COTS or custom) to SaaS	Migrate existing app (COTS or custom) to PaaS	Move existing app (COTS or custom) to IaaS	Move to a private cloud using existing infrastructure	Optimize existing applications and business processes	Examine cloud options; research; R&D
Client IT Staff Preparedness	35	REACTIVE	Skill and experience levels of current IT staff/support needs some improvement	Migrate existing app (COTS or custom) to SaaS		Move existing app (COTS or custom) to IaaS		Fix/stabilize existing infrastructure; invest in staff and training. Consider use of external resources	Replace existing infrastructure
Cloud Cost Model Components	25	PROACTIVE	Identification and quantification of components of current costs and expected cloud related costs is complete	Proceed with decision and/or selection	Proceed with decision and/or selection	Proceed with decision and/or selection	Proceed with decision and/or selection	Identify costs of performing upgrades of current systems	Measure and monitor costs as the projects progress
Cloud Services Provider (CSP) Vendor Research	78	REACTIVE	Identification of key vendor services, pricing, financial stability, customer satisfaction and support, billing policies, etc. needs significant improvement					Invest staff time and effort to complete the research to identify available providers and compare the products and services.	
Current Technology Infrastructure	47	REACTIVE	Current infrastructure needs some improvement	Implement new apps as SaaS to minimize infrastructure impact		Move existing app (COTS or custom) to IaaS		Fix/stabilize existing infrastructure; consider use of external resources	Replace existing infrastructure
Peak Capacity Requirements	80	REACTIVE	High peak volume requirements	Migrate existing app (COTS or custom) to SaaS	Convert and/or rewrite custom app to PaaS	Move existing app (COTS or custom) to IaaS	Implement a private cloud to provide needed peak capacity	Increase capacity of existing infrastructure	Replace existing infrastructure to add capacity