Azure Cloud Assessment and Migration Service

Introduction

As organisations look to address rising costs and growing demands on the data centre, the need for resources that can help them develop and implement cloud strategies are becoming a must have to achieve greater IT agility. From assessing current on premise and cloud environments, to building and executing a clear migration plan, this service offering enables partners to recommend and deliver the appropriate cost effective services to best fit their customer's needs.

Solution Introduction

The Tech Data Azure Cloud Assessment and Migration Service is designed to help develop an effective strategy toward fully integrating Cloud and hybrid IT whilst providing a lower risk and reduced complexity for your customers.

Cloud Assessments and migrations vary on scale, duration, cost and complexity and can be tailored to fit your customer's needs. Tech Data works hand-in-hand with partners to provide the necessary level of expertise required.

Our service is relevant for all sizes of migration; from the single server workload to large enterprise scale challenges.

Complete Cloud Control

- Tech Data can migrate your customer to the cloud with low risk, competitive pricing, a streamlined sales cycle.
- Project Managers will support you in your customer meetings
- Simplified pricing model where everything is included for a re-hosting exercise

The table below defines a Simple, Medium and Complex environment so an assessment & migration price can easily be calculated.

If all the criteria described below in the "Simple" column is applicable to your VM, then the complexity is simple

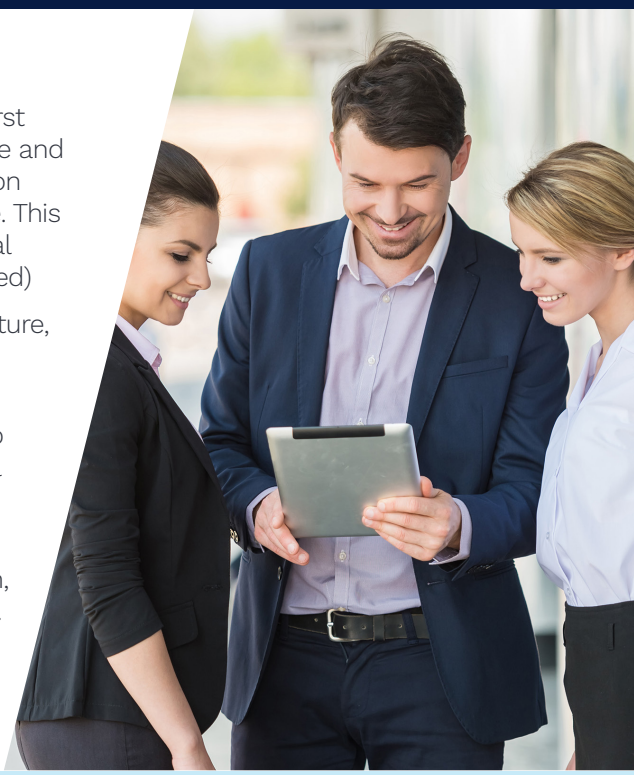
If one or more of the criteria mentioned below in the "Medium" column is applicable, then the complexity is Medium

If one or more of the criteria mentioned below in the "Complex" column is applicable, then the complexity is Complex.

Definition		Simple	Medium	Complex
ASR compatible	**Operating Disk Size**	Up to 1024 GB	1024 GB - 2048 GB	More than 2048 GB
	Data Disk Size	Up to 4095 GB	Up to 4095 GB	More than 4095 GB
	Compatible Operating Systems*	Windows Server (2008 SP1, 2012, 2016 64-bit) Linux: Red Hat (5.x, 6.x, 7.x) CentOS (5.x, 6.x, 7.x) SUSE Enterprise (11,12)	Windows Server (2008 SP1, 2012, 2016 64-bit) Linux: Red Hat (5.x, 6.x, 7.x) CentOS (5.x, 6.x, 7.x) SUSE Enterprise (11,12)	Not Compatible
	Virtualized Supported Platforms	VMware, Hyper-V and Physical Server	VMware, Hyper-V and Physical Server	Citrix Platform
Supported Standalone Server		Standalone Domain Controller	Multiple domain controllers (2+)	Multiple domain controllers from multiple sites
File Shares		Standalone server	Multiple file share servers	Clustered file share servers
Database Server		Standalone SQL or Oracle Server with databases size <100Gb	Multiple SQL Server, Oracle Server or databases size more than 100 to 250 GB	More than multiple SQL or Oracle or Databases size >250 GB
Application Server		.NET or Java, WordPress Standalone application	2 – Tier Application Architecture, Front end and back end server.	3 – Tier Architecture or Distributed Topology application
Integration Services		No Third-Party Integration	Integrated with Third Party Application	Integrated with Third Party Applications
Backup & Disaster Recovery		Server Level backups	Application Level or Databases Level Granular Backups using third party tools e.g. Symantec, Veeam etc.	Site Recovery Orchestration for whole Infrastructure with RPO and RTO
Network		There is no firewall appliance, but servers are behind some kind of firewall (Software or a router-based firewall)	Servers are behind a firewall appliance and behind load balancer (Simple load balancing strategy)	Servers are behind a firewall appliance, load balancer (with Active/Active or Active/Passive), with S2S VPN (single or multi-site) connection
Storage		No NAS or SAN Dedicated Storage	Dedicated SAN or NAS Storage Appliance e.g. Net App, Dell etc.	Multiple SAN or NAS Storage Appliances
Clustering		No Clustered Servers, Applications	No Clustered servers, Applications	Clustered Servers, Applications, Storage

*Reference Link for ASR Supported Operating Systems – *https://docs.microsoft.com/en-us/azure/site-recovery/vmware-physical-azure-support-matrix*

Solution



Tech Data can help you and your customers become cloud ready. The first step to migrate your customer to the cloud is to see if their infrastructure and business is ready to make the move. Our cloud assessment and migration service gives you a clear understanding of your customer's infrastructure. This enables us to quickly and easily produce a Statement of Work with a final price for a guaranteed outcome (workloads assessed, migrated and tested)

Our certified and experienced consultants analyse the current infrastructure, understand your customer's business goals and requirements, and then create an appropriate plan for their cloud migration and deployment.

Once the assessment is complete, business applications are migrated to the cloud following a tested and highly automated process with minimal down time.

Our Migration Service for cloud uses best practice methodologies to assess the infrastructure and applications, plan and design the migration, and implement a consolidated, flexible, and resilient server environment.

Once your migration is complete, Tech Data can offer a fully managed IT service, depending on your in-house resources, skills and requirements.

Features

The Cloud Assessment Process:

Our assessment services are carried out in the following phases:

Assess and analyse – In this phase we gather all the information about the customer's infrastructure (e.g. servers, storage, network, backup and applications) using our platform tools (Microsoft Assessment Planning and Azure Site Recovery). We collect data and work with your customers to analyse business impact. Our experts will analyse the data for readiness of the customer's infrastructure for cloud migration. Based on the analysis, adoption roadmap scenarios are created for the client.

Adoption Roadmap – In the adoption roadmap phase we map the on premise infrastructure and applications to suitable cloud workloads. We clearly outline what will be moved in each phase of the migration or adoption plan.

Best Practices – Our migration roadmap recommendations are based on best practices to keep the risks and migration failures to a minimum. We work in close collaboration with Microsoft.

Deliverables

- Assessment plan (Starting Date & Estimated Completion Date)
- Road-map for Azure migration Business impact
- Migration Plan (Pre-& Post Migration Phase)
- User Acceptance Testing (UAT) Instructions
- Post migration support – mitigate risk with 2 weeks post migration support
- Project Closure

Key Differentiators

End-user customers

- Ensure better cost and performance efficiency with simplified and automated migration techniques
- Reduce Complexity: Rely on proven experts for guidance and technical skills to address complex requirements.

Partners

- Portfolio Expansion: Capitalise on fast-growing market opportunity for hybrid cloud solutions.
- Instant Expertise: Leverage our experience with 200+ cloud projects successfully completed to date.
- Greater Profitability: Enjoy higher margins while enhancing “trusted advisor” status with your customers.

Why Partner with Tech Data?

Unparalleled Expertise

Tech Data provides insights to our partners to help you to identify, deliver, and expand IT opportunities.

Our focus is to help Business Partners build profitable revenue streams and create a community of happy customers. Armed with the best technology and extensive cloud development and integration expertise, we work with our Partners to provide the right blend of public, private and hybrid cloud capabilities to accelerate business growth.

For more information about the Cloud Assessment and Migration Service, get in touch with Tech Data’s Advanced Solutions Service Country BDM.

For more information visit:

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Tech Data | *Cloud Solutions*

Microsoft