Microsoft Azure - Starter Kits for Partners

Azure Assessment

Site Recovery

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# Overview

The purpose of this document is to provide Microsoft Partners with an assessment to identify key components in the customer scenario and serve as a guide to the available resources. This will help the partner to build an efficient architecture for the customer scenario and have an accurate cost proposal based in the customer needs.

# Organization Background

|  |  |
| --- | --- |
| Question | Response |
| What industry is your company in? |  |
| What are your top business critical workloads, applications, and data? |  |
| Please describe your mains goals and objectives for this engagement. For example:  Develop disaster recovery process standards?  Standardize the current recovery plans?  Reduce downtime in current applications?  Maintain the current environment (public, private, or hybrid) for backups and disaster recovery?  Other? |  |
| Approximately how many staff does your organization employ? |  |
| What is the current business continuity and disaster recovery strategy for your datacenter locations? |  |
| What type of support does your current business continuity disaster recovery plan provide?  Examples:  Current Business Response Teams  Plan-Do-Check-Act (PCDA) Model  Recovery Time and Recovery Point Objectives (RTO/RPO) |  |
| What is your current infrastructure?  Examples:  Private Cloud Only  Public Cloud Only  Hybrid Cloud |  |
| Are any major infrastructure changes currently occurring or planned for the near future that might affect the progress or success of a client deployment project? If so, describe them. |  |

# Licensing and Subscriptions

|  |  |
| --- | --- |
| Question | Response |
| Do you own licenses for System Center 2012 R2? If possible, list them please. |  |
| Do you own an Enterprise Agreement that covers System Center 2012 R2? |  |
| Do you currently own an Azure subscription? Do you have Azure Site Recovery Services enabled for your subscription? |  |
| Have you extended the default limits for your Azure subscription? (Cores, storage, etc.) |  |

# Current Environment

## Location Details

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Site Classification  (i.e. Branch, Head Office, Disaster Recovery) | Location Name | Linked through (Kbps) | # Sites | # Servers |
| *Primary Datacenter* |  |  |  |  |
| *Secondary Datacenter* |  |  |  |  |
| *Cloud Datacenter* |  |  |  |  |
| *Disaster Recovery Datacenter* |  |  |  |  |
| *Head Office* |  |  |  |  |
| *Branch Offices* |  |  |  |  |

For numbers of sites, workstations and servers and approximate number is sufficient.

## Datacenter Resources

|  |  |
| --- | --- |
| Question | Response |
| Servers | |
| What make and model equipment do you use for virtual compute resources? |  |
| Storage | |
| What make and mode storage arrays do you use for virtual compute resources? |  |
| Do you use replication mechanisms to duplicate data on a backup / DR SAN? |  |
| Networking | |
| If available, please provide physical and network infrastructure diagrams, including link speeds between physical locations. |  |
| What core network equipment and connectivity are used? |  |
| How is connectivity between office locations and the data center achieved? (For example, leased line, Internet connection, Virtual Private Network, and so forth)? |  |
| Do you use converged networking? |  |
| Active Directory | |
| Do you use Active Directory? If so what version? |  |
| How many Active Directory forests and domains exist in your environment? |  |
| Are any forests/domains linked with Active Directory trusts, and if so, please describe. |  |
| Do you use Windows Domain Name System (DNS) resolution? If not, what type of DNS is in use? |  |
| Do you have Dynamic Host Configuration Protocol (DHCP) services, which is required for operating system deployment with Pre-boot Execution Environment (PXE)? |  |

## Virtualization Infrastructure

|  |  |
| --- | --- |
| Question | Response |
| What Server Virtualization technologies do you have deployed? Please include version and number of servers:  Microsoft Hyper-V Server  Citrix XenServer  VMware vSphere  VMware ESXi  VMware ESX  Other |  |
| Other Virtualization Technologies in use?  Remote Desktop Services (RDS)  Citrix XenDesktop  VDI  Other |  |
| Which version of System Center Virtual Machine Manager is installed and used in your organization?  Please provide version and service pack numbers where appropriate | Virtual Machine Manager – Version \_\_\_\_ Update Release\_\_\_\_ |
| Hyper-v | |
| Do you have a need to build virtualized guest clusters?  For virtualized clusters do you have iSCSI storage or will [Virtual Fiber Channel](http://technet.microsoft.com/en-us/library/hh831413.aspx) shared storage? |  |
| In which location will the production workload Hyper-V cluster/s reside? |  |
| Do pre-production / dev / test workloads reside on one or more clusters?  If so would this be on the production workload Hyper-V cluster/s? |  |
| In which location will the DR Hyper-V cluster/s reside (if required)? |  |
| VMWare | |
| Do you have a need to build virtualized guest clusters?  For virtualized cluster, what shared storage model do you currently use? |  |
| In which location will the production workload VMWare cluster/s reside? |  |
| Do pre-production / dev / test workloads reside on one or more clusters?  If so would this be on the production workload VMWare cluster/s? |  |
| In which location will the DR VMWare clusters/s reside |  |

## Security Zones

|  |  |
| --- | --- |
| Question | Response |
| Are there firewalls used to segment internal production traffic?  If so how many zones, servers/roles, and what are the policies dictating traffic flows?  Is any internal traffic subject to NAT? |  |
| Are there servers in extranet/DMZ zones that need to be monitored/managed?  If so how many zones, servers/roles, and what are the policies dictating traffic flows? |  |

## Azure

|  |  |
| --- | --- |
| Question | Response |
| Which Azure IaaS products are currently available and used in your organization? | Virtual Machines  Cloud Services  Virtual Network(s)  Storage  Azure Automation  Cross Premises Connections (P2S, S2S, ExpressRoute) |

# Service Level Agreement Management

|  |  |  |  |
| --- | --- | --- | --- |
| Question | Response |  | Read more |
| Describe your service level constraints and requirements for business continuity. |  | |  |
| Are there service level agreements in place? |  | | Azure SLA: <http://azure.microsoft.com/en-us/support/legal/sla/> |