



Cloud Solutions



Small Business Cloud Server

Release 2.0

Small Business Cloud Server

A highly scalable all-in-one ICT system for SMBs running on Microsoft Azure. The Small Business Cloud Server from Tech Data has everything that your customer needs for their modern ICT in one bundled solution.

Use this deployment to automatically set up the following environment on Azure:

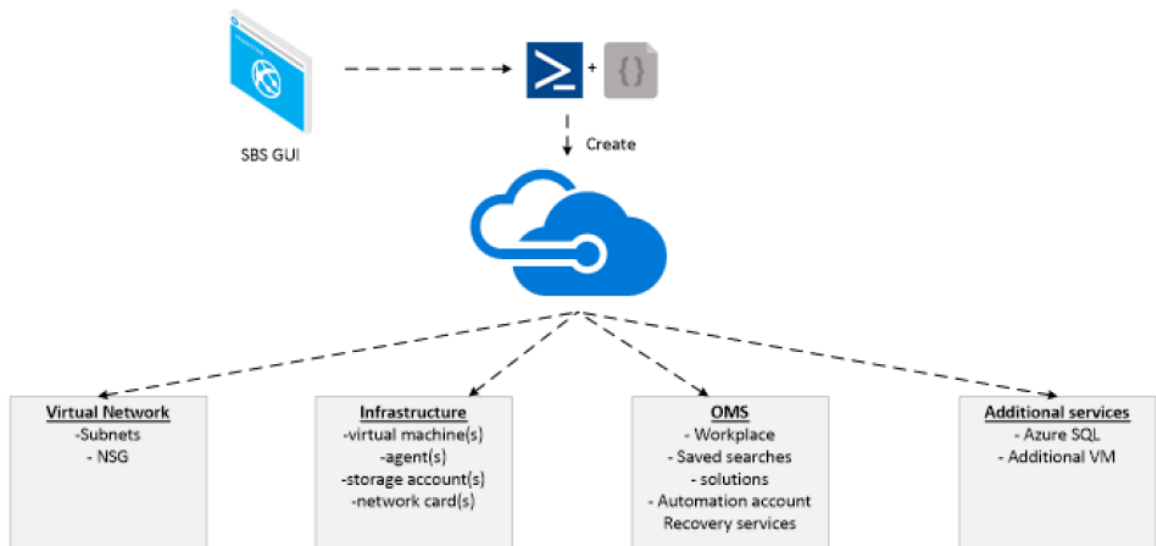
- Virtual Machines
 - DS1 V2, DS2 V3 or DS8 V3 (small, medium, large template which supports SSD + option for 99,9% SLA)
 - A2 V2, D2 V3 or A8M V2 (small, medium, large template without SLA)
- Integrated Backup
- Storage
- VPN

Optional

- 99,9% SLA
- Automated scripts for start/stop
- Deployment of additional VM
- Deployment of Azure SQL Database

High Level Architecture

SBCS blueprint deployment



Solution Components [BOM]

1.4 Common Resources

1.4.1 Network

Resource Category	Description
Network	The virtual network. The virtual network has a fixed IP range set to 10.3.0.0/16.
NSG	Network security groups (ACL) to protect the different subnets in the virtual network
Network Card	Per virtual machine a network card is deployed to enable communication
Public IP	A public IP address is created and assigned to each network card. A public IP enables external communication

1.4.2 Infrastructure

Resource Category	Description
storage account	A storage account per VM. the storage account will hold the vhd file(s) that hold the OS and the extra data disks
Primary VM	The virtual machine that will host the ADDS, DNS and RDS roles

1.4.3 Operations Management















Resource Category	Description
OMS workspace	One storage account per VM. the storage account will hold the vhd file(s) that hold the OS and possible extra data disks
Automation Account	The virtual machine that will host the ADDS, DNS and RDS roles

1.4.4 Size Specific Resources

1.4.4.1 Small and Medium

The small and medium deployments only differ in compute sizes and not in resources. The default resource deployed are:

Resource Category	Description
virtual machine	The primary virtual machine. (sra-01)
storage account	The storage account containing the vm vhd's
network card	The network card attached to the virtual machine (nic-sra-01)
public ip	The public IP attached to the network card to enable communications (pip-sra-01)
virtual network	The virtual network with a default addressprefix 10.3.0.0/16. (customervname-vnet-default)
network security group	The acl linked to the vnet subnet (nsg-management)
oms workspace	The oms workspace (customervname-oms-uniqueid)
automation account	The automation account containing the sample script to start/stop vms (customervname-aa-uniqueid)

NAME
 inovativbe125-aa-xwm25kl6ejbhm
 sra-01
 nic-sra-01
 nsg-management
 pip-sra-01
 inovativbe125-vnet-default
 inovativbe125-oms-xwm25kl6ejbhm
 AgentHealthAssessment(inovativbe125-oms-xwm25kl6ejbhm)
 AntiMalware(inovativbe125-oms-xwm25kl6ejbhm)
 ChangeTracking(inovativbe125-oms-xwm25kl6ejbhm)
 Office365(inovativbe125-oms-xwm25kl6ejbhm)
 Security(inovativbe125-oms-xwm25kl6ejbhm)
 Updates(inovativbe125-oms-xwm25kl6ejbhm)
 sta2ao4lqqcab6m

1.4.4.2 Large

In a large deployment, additional VMs are deployed to host the possible load of users connecting.

Resource Category	Description
Virtual machine 1	The primary virtual machine. (sra-01)
Storage account 1	The storage account containing the vm vhd's (stauniqueid)
Network card 1	The network card attached to the virtual machine (nic-sra-01)
Public IP 1	The public ip attached to the network card to enable communications (pip-sra-01)
Virtual machine 2	The second virtual machine. (sra-02)
Storage account 2	The storage account containing the vm vhd's

Resource Category	Description
Network card 2	The network card attached to the virtual machine (nic-sra-02)
Public IP 2	The public ip attached to the network card to enable communications (pip-sra-02)
Virtual machine 3	The third virtual machine. (sra-03)
Storage account 3	The storage account containing the vm vhd's
Network card 3	The network card attached to the virtual machine (nic-sra-03)
Public IP 3	the public ip attached to the network card to enable communications (pip-sra-03)
Virtual machine jumpbox	A jumpbox virtual machine. (sra-jumpbox))
Storage account jumpbox	The storage account containing the vm vhd's (stauniqueid)
Network card jumpbox	The network card attached to the virtual machine (nic-sra-jumpbox)
Public IP jumpbox	The public ip attached to the network card to enable communications (pip-sra-jumpbox)
Virtual network	The virtual network with a default addressprefix 10.3.0.0/16. (customervname-vnet-default)
Network security group	The acl linked to the vnet subnet (nsg-management)
OMS workspace	The oms workspace (customervname-oms-uniqueid)
Automation account	The automation account containing the sample script to start/stop vms (customervname-aa-uniqueid)