



Microsoft Azure StorSimple Virtual Array iSCSI Server Deployment Configuration Checklist

The iSCSI server deployment configuration checklist applies to Microsoft Azure StorSimple Virtual Array (also known as the StorSimple on-premises virtual device or the StorSimple virtual device) running v 1.1.1.0 (preview) only.

Important

This public preview is intended for evaluation and deployment planning purposes only. Installing this preview in a production environment is not supported.

The following checklist describes the information that you need to collect before you configure your StorSimple device as an iSCSI server. Preparing this information ahead of time will help streamline the process of deploying the StorSimple device in your environment. We recommend that you review the deployment configuration checklist before you begin. The deployment and configuration process can take some time to complete.

UI	Stage	Parameter	Details	Comments
Azure classic portal	Create StorSimple Manager service	StorSimple Manager service	Service name: Subscription:	
Azure classic portal	Get service registration key	Service registration key	Key:	
Azure classic portal	Download virtual device image	<ul style="list-style-type: none">Download VHD for Hyper-V 2008 R2 and laterDownload VMDK for VMware ESXi 5.5 and later	Download location:	

UI	Stage	Parameter	Details	Comments
Hyper-V Manager	Create virtual device in Hypervisor	Connect to Web UI	URL:	
Local web UI	Configure and register device on local web UI	Device administrator password (required)		The password must contain at least 8 characters that are a combination of uppercase, lowercase, numeric, and special characters. Only 3 out of 4 requirements must be satisfied.
Local web UI		Network settings Ethernet	IP address: Subnet mask: Gateway:	Can be both IPv4 and IPv6. For iSCSI server, static IP addresses are recommended for the network interfaces.
Local web UI		DNS servers (optional)	Primary DNS server: Secondary DNS server:	Configure both for high availability.
Local web UI		Device settings (required)	Device name: Device type: Domain name: Domain username: Domain password:	Joining your device to a domain is optional if you are deploying it as an iSCSI server.
Local web UI		Web proxy settings (optional)	Web proxy URL: Authentication: User name: Password:	

UI	Stage	Parameter	Details	Comments
Local web UI		Time settings (optional)	Time zone: Primary NTP server: Secondary NTP server:	Your device will use this time zone for all scheduled operations.
Local web UI		Cloud settings (required)	Service registration key: Service data encryption key:	The registration key is generated from the Azure classic portal. The service data encryption key is created when the first device is registered with the StorSimple Manager service.
Azure classic portal	Complete required device setup	Storage account Encryption	Storage account name: Cloud storage encryption key:	
Azure classic portal	Add a volume	Details for each volume	Name: Description: Usage type: Provisioned capacity:	
iSCSI initiator/Windows Disk management	Mount, initialize, and format a volume	Target portal	IP address of iSCSI-enabled network interface	