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Preparation

- 1. The heartbeat between two controllers must be normal.
- 2. No need to configure the resource ip
- 3. Dual controller Hybrid SAN must use the SAS enterprise level HDD

HIKVISI	DS-A82024D manag	gement +	+++ + + + +	R			
Maintenance Storage SAN Management	Cluster -> Cluster Manual configure Auto configure Cluster heartbeat info	e Test heartbeat					
Hybrid SAN	Cluster device		Heartbeat port position		Heartbeat IP	Subnet mas	ik of heartbeat port
Cluster	Local cluster heartbe	at	NIC5		10.254.254.1	255	255.255.248
Cluster	Remote cluster hearth	eat	NIC5		10.254.254.2		255.255.248
System	X Delete						
Log System	Modify resource IP						
? Use Help	Resource IP info						
📀 Logout	Cluster device	Application	Attach nic	Virtual port	Resource IP	Netmask	Resource IP status
	X Delete						
	Data recovery wait time: -1	м	odify Force BBU on				

How to configure Ipsan for windows server 2012 with dual controller Hybrid san

1. Enable the iscsi in Hybrid SAN

1) LUN allocation

Login to any controller (this article takes 10.41.8.161 controller operation as an example) Enter Array ---Storage pool --- lun interfaces in turn, finish the Lun allocation.

HIKVISIO	DN DS-A8	32024D manageme	ent +++	+ + + +			-w- ,	
Maintenance	Classes ->	Amou Management						
Storage ** HDD	Storage > Array Management							
** Array	Array Infor	mation (Total: 1)						
10 Storage Pool		Array Name	Туре	Capacity (MB)	State	Group	Maintenance	
** LUN		А	RAID5	572,204	Initialize Progress: 0.2% Remaining Time: 5683 Hour 28 Minute	Storage Pool	Maintenance	
** Configuration	× Delete							
SAN Management	and And Hot Spare Disk							
Hybrid SAN	Hot Spare I	Disk Information						
Cluster								



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HIKVISI	N DS-A	482024D ma	nagement						-w-
Maintenance Storage	Storage -	> Storage Pool	Management						
** HOD ** Array ** Storage Pool ** LUN ** Configuration	Sy La Hybrid Si	stem Total Capacit gical Total Capacit AN Volume Capacit	y: 530,208 MB System Fr y: 0 MB y: 0 MB ISCSI Volum	ee Capacity: 530,208 MB					
SAN Management Hybrid SAN Cluster	Add	Delet	e Position						
System		PV Name	Device Na	ome	Total Capacity (MB)	Idle Capacity (MB)		State	
Log System		pv_ne43	A		530,208	530,208	Initialize Pr	ogress:0.2% Remaining Minute	Time: 11366 Hour 5
Logout	Remove	Position							
HIKVISIO	N DS-A	82024D man	agement						
Maintenance Storage	Storage ->	> Logical Volum	e Management						
HDD	Create								
• Array	LUN Inform	nation (Total: 1)						
' Storage Pool		ID	Name	Block Size (Byte)	Capacity (MB)	Physical Volume	Usage	Extend	Rename
LUN		0	san1	512	49,984	pv_ne43	Idle	Ľ	REN
Configuration	K Délete								
SAN Management									
Hybrid SAN									

Note:

For IPSAN application, the MAX capacity of LUN is 16TB; Only need to do the above on one controller, the other controller will automatically synchronize

2) Enable ISCSI

Right click the SAN Management in the left bar. Click iSCSI and enter the iSCSI interface. And then click Enable iSCSI, input the Client IP which is the IP address of storage server. Then input The Local target ID and Remote target ID, normally we set them as (1,11) (2,22) (3,33)....

HIKVISION DS-A82024D management	able iSCSI Service ×	M∕- Norma
Multiteance Sonage SAN Management -> iSCSI Management iscsi Configuration iscarch: yeten by tot Stop iscarch: yeten bot Stop Cluster yeten cost Stop Cluster generation Cluster GidAD User Information	Client IP: 10.9.98.50 E.g., 192.168.40.60 Local Target ID:	Access Hode CHAP User

Note:

SAS disk can be detected by two controller separately, so here we need different target ID for each controller, the windows server will detect two iscsi volumes with different IDs, then we also need to aggregate the two volumes into one (MPIO)

2. Install MPIO in windows server 2012

1) Install MPIO



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Server M	anager • Dashboard			• ③ 🎢 Manage Tools View	Help
Dashboard Local Server All Servers File and Storage Services	WELCOME TO SERVER MANAGER	gure this local server		Add tooland y failone Remove Biolan and Park Add Sterner Catada Sterner Orago Sterner Managar Progent	s tures ties
	QUICKSTART 2 Add 3 Add WHATS NOW 4 Cre 5 Cor LEARN MORE	d roles and features d other servers to manage ate a server group nnect this server to cloud service:	s		Hide
	ROLES AND SERVER GROUPS Roles 1 Sever groups 1 Severe kutol File and Storage 1 O Munageability Everts Services Performance BPA results	1 Constant Server 1 Amagashify Amagashify Services Performance BPAresults 27/13/2019 959 AM	All Servers 1 Autoreality Anagability Arrows twoss twoss		

Ē.	Add Roles and Features Wizard
Before you begin	DESTINATION SERVER pc1-hz20105666.hikvision.com
Before You Begin Installation Type Server Selection Server Roles Features Confirmation	This wizard helps you install roles, role services, or features. You determine which roles, role services, or features to install based on the computing needs of your organization, such as sharing documents, or hosting a website. To remove roles, role services, or features: Start the Remove Roles and Features Wizard Before you continue, verify that the following tasks have been completed: • The Administrator account has a strong password
Results	 Network settings, such as static IP addresses, are configured The most current security updates from Windows Update are installed If you must verify that any of the preceding prerequisites have been completed, close the wizard, complete the steps, and then run the wizard again. To continue, click Next.
	Skip this page by default
	< Previous Next > Install Cancel

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Þ		Add Roles and Features Wizard	_ _ X
	Select installation	type	DESTINATION SERVER pc1-hz20105666.hikvision.com
	Before You Begin	Select the installation type. You can install roles and features on a running machine, or on an offline virtual hard disk (VHD).	physical computer or virtual
	Installation Type]
	Server Selection	• Kole-based or feature-based installation Configure a single server by adding roles role services and features	
	Server Roles	compare a single server by adding roles, role services, and readers.	J
	Features	Remote Desktop Services installation	and a state of a second second
	Confirmation	or session-based desktop deployment.	reate a virtual machine-based

æ	Add Roles and Features Wizard	
E Select features Before You Begin Installation Type Server Selection Server Roles Features Confirmation Results	Add Roles and Features Wizard Select one or more features to install on the selected server. Features Management OData IIS Extension Media Foundation Message Queuing Multipath I/O Network Load Balancing Peer Name Resolution Protocol Quality Windows Audio Video Experience	Description Multipath I/O, along with the Microsoft Device Specific Module (DSM) or a third-party DSM, provides support for using multiple data paths to a storage device on Windows.
	RAS Connection Manager Administration Kit (CMA Remote Assistance Remote Differential Compression Remote Server Administration Tools	



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A		Add Roles and Features V	Nizard	_ 0	x	
l.	nstallation progre	SS	pc	DESTINATION SEF 1-hz20105666.hikvision	RVER com	
	Before You Begin Installation Type Server Selection	View installation progress Feature installation				
	Server Roles Features	Installation succeeded on pc1-hz2010	666.hikvision.com.			
'	Confirmation Results					
		You can close this wizard without inte page again by clicking Notifications in Export configuration settings	rrupting running tasks. View task the command bar, and then Tasl	progress or open th c Details.	is	
		< Pre	evious Next >	Close Cano	cel	
2)	MPIO configuration	on				
	Start			Search Everywhere ~	٩	

				M
	Nordens			
Manager	PowerShell			
N	4			
	Task Manager			
1	e			
rol Panel	Internet Explorer			
G				
dministrative sols	File Explorer			
sktop				

Tick "Add support for ISCSI devices"



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In MPIO Devices interface, you will find that there is an extra hardware message.

nd Storage Servic	MPIO Properties	car sc
	MPIO Devices Discover Multi-Paths DSM Install Configuration Snapshot	tures
	To add support for a new device, click Add and enter the Vendor and Product Ids as a string of 8 characters followed by 16 characters. Multiple Devices can be specified using semi-colon as the delimiter.	to ma
	To remove support for currently MPIO'd devices, select the devices and then dick Remove.	oup
	Devices:	er to ci
	Device Hardware Id MSFT2005iSCSIBusType_0x9 Vendor 8Product 16	
	Add Remove	e rver ability
	OK Cancel	ince Its
2) D 1 (4 W/ 1 2012	

3) Reboot the Windows server 2012

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Start	王青松5 🎴 o 오 Disconnect Shut down
Image: Second	Restart
Choose a reason that best describes why you want to shut down this computer	
Hardware: Maintenance (Planned)	
Continue	

- 3. Mount iscsi network disk on windows server 2012
 - 1) Input iscsi initiator in windows and click the ISCSI Initiator

Search
Everywhere 🗸
iscsi Initiator
iSCSI Initiator
iSCSI Initiator
Set up iSCSI initiator

Click the Discover portal button in the iscsi initiator Properties, and input the IP address of Controller A (10.41.8.161), Click OK.



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iSCSI Initiator Properties		x				
Fargets Discovery Favorite Targets Volumes and Devices	RADIUS Configuration					
Target portals	Refresh					
Address Port Adapter	IP address			Discover Targ	get Portal	×
				Enter the IP address or DNS name and p want to add.	port number of the portal y	you
To add a target portal, dick Discover Portal.	Discover Portal			To change the default settings of the dis the Advanced button.	covery of the target porta	al, click
To remove a target portal, select the address above and then dick Remove.	Remove			IP address or DNS name: 10.41.8.161	Port: (Default is 3260. 3260	.)
ISNS servers The system is registered on the following ISNS servers:	Refresh		-	Advanced	ОКСа	ncel
Name						
To add as 1000 annual did Add Canas	Add Carrier					
To remove an ISNS server, select the server above and then click Remove.	Remove					
OK	Cancel Apply			Windo	ows Serv	ver 2012 R

Click the Discover portal button in the iscsi initiator Properties, and input the IP address of Controller B (10.41.8.162), Click OK.

iSCSI Initiator Properties	5	x		
Targets Discovery Favorite Targets Volumes and Devices	RADIUS Configuration			
Target portals The system will look for Targets on following portals:	Refresh	j		
Address Port Adapter 10.41.8.161 3260 Derault	IP address Default			Discover Target Portal
				Enter the IP address or DNS name and port number of the portal you want to add.
To add a target portal, dick Discover Portal.	Discover Portal			To change the default settings of the discovery of the target portal, click the Advanced button.
To remove a target portal, select the address above and then dick Remove.	Remove			IP address of DNS name: Port: (Default is 3260.)
ISNS servers The system is registered on the following ISNS servers:	Refresh			Advanced
Name				
To add an iSNS server, dick Add Server.	Add Server			
To remove an iSNS server, select the server above and then dick Remove.	Remove			
ОК	Cancel Appl	y	E	Windows Server 2012 F

© Hangzhou Hikvision Digital Technology Co.,Ltd. All Rights Reserved. No.555 Qianmo Road, Binjiang District, Hangzhou 310052, China • Tel: +86-571-8807-5998 • Fax: +1 909-595-0788 E-Mail: support@hikvision.com • www.hikvision.com

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2) Enter the Targets interface, choose two targets separately, click "Connect", tick the "Enable Multi-path" then click "Advanced", choose the "Local adapter" "Initiator IP" "Target portal IP" shown as below, at last click "OK" to save.

iSCSI Initiator Properties	×		Connect To Target	x
argets Discovery Favorite Targets Volumes and Devices RADIUS Configuration	L_, .	Target name:		
Quick Connect To discover and log on to a target using a basic connection, type the IP address or		iqn.4593-05.storos.t-1]
DNS name of the target and then click Quick Connect.		Add this connection to This will make the syste	the list of Favorite Targets. em automatically attempt to restore the	
Target: Quick Connect		connection every time	this computer restarts.	
Discovered targets Refresh	1 /			
Name Status	ī 📔 🖊	Advanced	OK	Cancel
ign.4593-05.storos.t-1 Inactive				
			Advanced Settings	? X
			Advanced Settings	
		General IPsec		
		Connect using		
To consider the second on Free colority broad the second s		Local adapter:	Microsoft ISCS1 Initiator	¥
dick Connect.	<u> </u>	Initiator IP:	10.9.98.50	•
To completely disconnect a target, select the target and then dick Disconnect. Disconnect		Target portal IP:	10.41.8.161 / 3260	~
For target properties, including configuration of sessions, Properties		CRC / Checksum		
For configuration of devices associated with a target, select		Data digest	Header digest	
the target and then click Devices.	·	Enable CHAP log or	1	
		CHAP Log on informa	ition operation security by providing autheriticati	on between a target and
		an initiator.		
		To use, specify the sa initiator. The name wi specified.	me name and CHAP secret that wasconfig I default to the Initiator Name of the syste	ured on the target for this m unless another name is
OK Cancel Appl	ly l	Name:	iqn. 1991-05.com.microsoft:pc -hz201	05666.hikvision.com
		Target secret:		
		Perform mutual aut	hentication	
		To use mutual CHAP, e RADIUS.	either specify an initiator secret on the Cor	figuration page or use
		Use RADIUS to ger	erate user authentication credentials	
		Use RADIUS to aut	henticate target credentials	
			¥	
			ОК	Cancel Apply



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iSCSI Initiator Properties	×	Connect To Target
Targets Discovery Favorite Targets Volumes and Devices RADIUS Configuration	1	Target name:
Quick Connect To discover and log on to a target using a basic connection, type the IP address or DNS name of the target and then click Quick Connect.		ign.4993-05.storos.t-11 ✓ Add this connection to the list of Favorite Targets. This will make the system automatically attempt to restore the
Target: Quick Connect		connection every time this computer restarts.
Discovered targets		Lable multi-path
Name Status	i i	Advanced OK Cancel
ign. 4593-05.storos.t-1 Connected		
Idu.+395-05.50005.0-11 Inacove	1	Advanced Settings ? X
		Local adapter: Microsoft iS/ST Initiator
To connect using advanced options, select a target and then click Connect.	· /	Transferrate TD: 10.41.9.162 (2000
To completely disconnect a target, select the target and then click Disconnect. Disconnect		Target portailler:
For target properties, including configuration of sessions, Properties		CRC / Checksum
select the target and click Properties.		Data digest Header digest
the target and then click Devices.		CHAP Log on CHAP Log on Information
	- 199	CHAP helps ensure connection security by providing authentication between target and an initiator.
		To use, specify the same name and CHAP secret that was configured on the larget for this initiator. The name will default to the Initiator Name of the system unless mother name is specified.
OK Cancel Appl	y	Name: iqn. 1991-05.com.microsoft:pc1-hz20105666 nikvision.com
		Target secret:
		Perform mutual authentication
		To use mutual CHAP, either specify an initiator secret on the Configuration page or use RADIUS.
		Use RADIUS to generate user authentication credentials
		Use RADIUS to authenticate target credentials
		OK Cancel Apply Pr

Then the status of target will change from "inactive" to "Connected"

argets Discovery Favorite Targets Volumes and Devices RADIUS Configuration Quick Connect To discover and log on to a target using a basic connection, type the IP address or DNS name of the target and then dick Quick Connect. Quick Connect. Quick Connect. Target: Quick Connect. Quick Connect. Quick Connect Discovered targets Refresh Refresh Name Status Connected Connected iqn.4593-05.storos.t-11 Connected Connected Connected		iSCSI In	itiator Properties	;		
Quick Connect To discover and log on to a target using a basic connection, type the IP address or DNS name of the target and then click Quick Connect. Target: Quick Connect Discovered targets Refresh Name Status iqn. 4593-05.storos.t-1 Connected iqn. 4593-05.storos.t-11 Connected	argets Discovery	/ Favorite Targets	Volumes and Devices	RADIUS	Configu	ration
To discover and log on to a target using a basic connection, type the IP address or DNS name of the target and then dick Quick Connect Target: Quick Connect Discovered targets Refresh Name Status iqn.4593-05.storos.t-1 Connected iqn.4593-05.storos.t-11 Connected	Quick Connect	-	-			
Target: Quick Connect Discovered targets Refresh Iname Iqn.4593-05.storos.t-1 Iqn.4593-05.storos.t-11 Connected Iqn.4593-05.storos.t-11	To discover and lo DNS name of the	og on to a target usin target and then click	g a basic connection, t Quick Connect.	ype the IP	address o	or
Discovered targets Refresh Name Status iqn.4593-05.storos.t-1 Connected iqn.4593-05.storos.t-11 Connected	Target:			Qu	iick Conne	ect
Refresh Name Status iqn.4593-05.storos.t-1 Connected iqn.4593-05.storos.t-11 Connected	Discovered target	s				
Name Status iqn.4593-05.storos.t-1 Connected iqn.4593-05.storos.t-11 Connected					Refres	h
iqn.4593-05.storos.t-1 Connected iqn.4593-05.storos.t-11 Connected	Name			Status		
iqn.4593-05.storos.t-11 Connected		ros t-1		Connected	d b	
	iqn.4593-05.stor	00/01				
	iqn.4593-05.stol iqn.4593-05.stol	ros.t-11		Connected	d b	
	iqn.4593-05.sto iqn.4593-05.sto	ros.t-11		Connected	ł	

3) Enter the Targets interface, choose two targets separately, click "Device", then click MPIO To enter the "Device details", set Load balance policy as "Fail Over Only", Two paths should be one "Standby" and one "Active"



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iSCSI Initiator Properties	Devices	Device Details
Targets Discovery Favorite Targets Volumes and Devices RADIUS Configuration Quick Connect To discover and log on to a target using a basic connection, then the IP address or	Name Address Disk 1 Port 1: Bus 0: Target 0: LUN 0	MPIO Load balance policy:
DNS name of the target and then dick Quick Connect Target: Quick Connect		Fail Over Only V Description
Discovered targets Refresh		The fail over policy employs one active path and designates all other paths as standby. The standby paths will be tried on a round-robin approach upon failure of the active path until an available path is found.
Name Eature Connected Ign.4593-05.storos.t-1 Connected Ign.4593-05.storos.t-11 Connected	Volume path names:	This device has the following paths:
	Legacy device name: //,'PhysicalDrive1 //?/mpio#disk&ven_bn∏_scst_brainaire&rev_30	0x77010000 Conne Standby n/a ffffe001e3f 0x77010001 Conne Active n/a ffffe001e3f
To connect using advanced options, select a target and then	Configure Multipath ID (NPTO) To configure the MPIO policy for a	< III >
click Connect. To completely disconnect a target, select the target and then click Disconnect. Disconnect	selected device, click MPIO.	Details Edit
For target properties, including configuration of sessions, select the target and click Properties For configuration of devices associated with a target, select the target and then click Devices Devices	ОК	
OK Cancel Apply		
iSCSI Initiator Properties	Devices	Device Details
Targets Discovery Favorite Targets Volumes and Devices RADIUS Configuration Quick Connect To discover and log on to a target using a basic connection, type the IP address or DIS area of the adverse for them of the Order Connect	Name Address Disk 1 Port 1: Bus 0: Target 1: LUN 0	MPIO Load balance policy:
Target: Quick Connect Discovered targets		Fail Over Only V Description The fail over policy employs one active path and designates all other paths as standay. The standay path will be titted on a
Refresh Name Status ign.4593-05.storos.1-1 Connected ico.4592.05 Connected		round-robin approach upon failure of the active path until an available path is found.
	Volume path names: Legacy device name: (\/ PhysicalDrive 1	Path til Status Type Weight Session ID 0x7701ConneStandby n/a ffffe001e3ffc010-40000 0x7701ConneActive n/a ffffe001e3ffc010-40000
	()/mpio#dskäven_bn∏_sost_brainaire&rev_30 Device interface name: Configure Multipath 10 (MPIO)	
To connect using advanced options, select a target and then Connect dick Connect. To completely disconnect a target, select the target and then dick Disconnect.	To configure the MPIO policy for a selected device, click MPIO	Detais Edt
For target properties, including configuration of sessions, Properties For configuration of devices associated with a target, select Devices	ОК	OK Cancel Apply
OK Cancel Apply		

4. Initialize the iscsi disk in the Disk management interface

1) Enter the server manager interface, click the "Tools", then click "Computer Management"



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2) Enter the "Disk Management", it will pop-up a window to let you initialize Disk, click OK



3) You will see the unallocated disk in the Disk bar, Right click the unallocated, click "Properties"



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2			Compute	er Managem	ent			_ D X
File Action View Help								
🗢 🄿 🙍 🖬 🚺 🔂	e 😼							
🜆 Computer Management (Local	Volume La	iyout Type File	System Status					Actions
⊿ is System Tools	(C:) Si	mple Basic NT	FS Health	y (System, Boo	t, Page File, Activ	e, Crash Dump,	Primary Part	Disk Management
I ask Scheduler	(F:) Si 52P (G:) Si	mple Basic NI mple Basic NT	FS Health FS Health	iy (Logical Driv iv (Logical Driv	e) e)			More Actions
Shared Folders	HC1.4 (H:) Si	mple Basic NT	FS Health	y (Logical Driv	e)			
Local Users and Groups	□○文档(E:) Sin	mple Basic NT	FS Health	y (Logical Driv	e)			
▷ No Performance	🖙 软件 (D:) Sii	mple Basic NI	FS Health	iy (Logical Driv	e)			
Device Manager Storage								
Windows Server Backup								
🔄 Disk Management								
Services and Applications								
	<		Ш				>	
	Disk 0							
	Basic 931.51 GB	(C:) 100.00 GB NI	软件 (D:) 356.00 GB NT	HC1.4 (H:) 60.00 GB NT	文档 (E:) 345 51 GB NTE	52P (G:) 60.00 GB NT	(F:) 10.00 GB	
	Online	Healthy (Sys	Healthy (Logi	Healthy (Lo	Healthy (Logic	Healthy (Lo	Healthy (
	GDisk 1							
	Unknown							
	48.81 GB Not Initialized	48.81 GB						
			New Simple Vo	lume				
			New Spanned V	/olume				
			New Striped Vo	/slume				
			New Mirrored V	lume				
< III >	Unallocated	Primary pa	Properties		:e 📕 Logical	drive		
		L	Hale					1
			пер					

Select the MPIO policy as "Fail Over Only"

2			Compute	er Managem	nent			-	. 🗆	x		
File Action View Help												
🗢 🄿 🙇 🖬 🚺 🐼	ef 😼						BN SCST_BR	AINAIRE I	Multi-Pat	th Disk	Device I	Properti 🗙
E Computer Management (Local	Volume La	ayout Type File	System Status				Conset Date	tes Metana	MPIO	Driver	Data ta L Du	to
⊿ [™] ₁ System Tools	📼 (C:) Sir	mple Basic NT	FS Health	ıy (System, Boo	ot, Page File, Active	e, Crash Dump, Prir	General Polic	ies Volumes	MEIO	Unver	Details Ev	ents
Task Scheduler	(F:) Si	mple Basic NT	FS Health	iy (Logical Driv	re)		Select the Mi	PIO policy:	Fail Over	Only		~
Event Viewer	G 52P (G:) SI	mple Basic NT mple Pasic NT	FS Health	iy (Logical Driv w (Logical Driv	(e)		Description					
Shared Folders	□ 文档(E:) Sin	mple Basic NT	FS Health	ny (Logical Driv	re)		The failove	r policy employ	s one active	e/optimiz	ed path and	all other
b S Performance	□ 软件 (D:) Sin	mple Basic NT	FS Health	iy (Logical Driv	re)		paths are a	ctive/unoptimi	zed, standby	y, or una	vailable. Th	e non-
Device Manager							active/optir	nized paths wi	il an availab	le path is	found.	e or the
⊿ 🚝 Storage												
🕞 🐌 Windows Server Backup							DSM Name:	Microsoft D	SM			Details
📄 Disk Management												
Services and Applications							This device h	as the followin	g paths:			
							Path Id	Path St	ate	TPG	TPG State	Wei
							77010000	Active/	Unopti	1	Active/Uno	pti
							77010001	Active/	Optimi	513	Active/Opti	mi
	<		Ш				<		ш			>
	Disk 0						To edit the pa	th settings for	the MPIO p	olicy, sel	ect a	Edit
	Basic 931 51 GB	(C:)	软件 (D:)	HC1.4 (H:)	文档 (E:)	52P (G:) (F		C LUIL.				
	Online	Healthy (Svs	Healthy (Logi	Healthy (Lo	Healthy (Logic	Healthy (Lo He	lo apply the click Apply.	path settings a	ind selected	I MPIO p	olicy,	Apply
	Dick 1										OK	Caract
	Unknown	57/////////////////////////////////////	///////////////////////////////////////	7///////	7/7/7/7/7/7/	7777					UK	Cancer
	48.81 GB	48.81 GB										
	Not Initialized	Unallocated										
				<u>/////////////////////////////////////</u>								
		Defense of the	. Etamolo 1	atata 🗖 🗖		alati ya						
		 Primary partition 	n 🔳 Extended p	artition E Free	e space 📕 Logical	arive				_		

4) Click the Next button in the new simple volume wizard until final step

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		Weld Volu This wi A simple To corr	come to ime Wiz zard helps you e volume can tinue, click No	the No ard	ew Sim	ple e on a disk k.	ς.

5) You can see the status of disk is formatting, you can check the disk in the hard disk drivers after formatting finished



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Storage

- Windows Server Backup Disk Management
- Services and Application

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Disk 0 Basic 931.51 GB Online	(C:) 100.00 GB N ^T Healthy (Sys [*]	软件 (D:) 356.00 GB NT Healthy (Logi	HC1.4 (H:) 60.00 GB NT Healthy (Lo	文档 (E:) 345.51 GB NTF Healthy (Logic	52P (G:) 60.00 GB NT Healthy (Lo	(F:) 10.00 G Health	
Disk 1 Basic 48.81 GB Online	New Volume 48.81 GB NTFS Healthy (Prima	(I:) ary Partition)					



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