其它功能 **孙小芹** 2008-12-25 发表

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Windows Server 2008的IP SAN配置
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一 组网需求:

Windows Server 2008 Enterprise系统通过iSCSI使用存储的资源。

二 组网图:

无

三 配置步骤:

本案例适用于IX3000/IX1000/IV5600 V100R001版本。

1 存储设备上的操作

存储上为Windows Server 2008 Enterprise创建要挂载的逻辑资源和并将资源分配给对应的客户端,存储上的操作略。

2 Windows Server 2008上iSCSI配置

Windows Server 2008系统默认安装iSCSI initiator软件,在第一使用iSCSI initiator时 会提醒设置为开机自启动。在"Computer Managerment"的"Services"中检查"Mocrosof t iSCSI Initiator Service"服务是否设置为自动启动,如图1。

Computer Management							
File Action View Help							
** 200 200	🚸 🗶 📷 🔁 🗛 🔒 📰 🔺 🖩 H 🕸						
Computer Management (Local)	Name *	Description	Status	Startup Type			
System Tools Tark Scheduler Tark Sched	(a) DE and Auchite Piese: Enving Modules (b) Enter active services Detection (c) Enter active services Detection (c) Enternative Services Detectio	The BGERT service hosts the Internet Enables user notification of user input f Provides returns address transition, a Provides automatic IPv6 connectivity o Internet Protocol security (IPsec) supp Condinates transactions between MSD Creates a Network Map, consisting of P Microsoft, JRT Framwork NaBN Registers the platform with all available	Started Started Started Started	Automatic Manual Disabled Automatic Automatic Manual Manual Manual			
E Routing and Remote Access	Microsoft ISCSI Initiator Service	Manages Internet SCSI (SCSI) sessions Manages coftware-based up and shado	Started	Automotic			
ally WMI Control	Multimedia Class Scheduler	Enables relative prioritization of work b Maintains a secure channel between thi		Manual Manual			

图1 iSCSI initiator服务自启动

打开iSCSI initiator软件,如图2在"General"页签下,点击"Change…"来更改initiator名称,修改完成后"OK",initiator名称建议使用IQN规范。

I Initiator Proper	ties				le la la
Favorite Targets General	1	Volumes and Discovery	vevices	RADIUS Targets	
ISCSI devices are dis another computer or	k, tapes, n your net	CDs, and othe twork that you	r storage o	devices on ct to.	
Your computer is call the ISCSI device, wh	ed an initi ich is calle	ator because i ed a target.	t initiates t	he connection to	č,
Initiator Name	ign.:	2008-12.com.h	13c:pe05		
To rename the initial	tor, click C	hange.		Change	1
SCSI Initiator					1
To change the nam change your compu- targets.	e of this ir Aer name	nitiator, type a . Changes mig	new name st affect a	. This will not ccess to ISCSI	
New initiator name:					
Ign. 2008-12.com.h	3c:pe05				_
Lice Default		Ē	OF	Cancel	

图2 initiator名称设置

General		Volumes and Devices Discovery	RADIUS Targets	
Address	Port	Adapter	IP address	
(Add Portal		Remove	Refresh	
Name				
Add		Remove	Refresh	- 57
Add d Target Portal ype the IP addres add. To select	s or DNS i	Remove .	Refresh he portal you wan he portal, click	×
Add d Target Portal ype the IP address add. To select so dvanced. P address or DNS / 00.200.2.1	is or DNS i sttings for name:	Remove	Refresh he portal you wan he portal, dick Advanced	X

图3 add portal设置

在"Discovery"页签中选择"Add Portal..."添加target地址,输入存储上对应配置的target IP,端口一般默认3260,然后"OK"。

在"Targets"页签中发现Targets名称,但状态为"Inactive",如图4所示,点击"Log on...

",若服务器重启时需自动挂载该target信息,如图5请选择第一个选项。

Favorite Targets	Volumes and Device	5	RADIUS
General	Discovery		Targets
o access storage device ig on. o see information about	s for a target, select the t	arget and	I then click
ick Details.			
nameter:			
rgecs.		Chabur	
an 2000-03.com.h3cl	X3240-5C0.pe05-0	Inactive	
Qetails	Log on	R	gfresh
Qetais	Log on	R	gfresh
Qetais		R	gfresh Acroly
Qetais	 	R	gfresh
Qetais	」 Targets信息	R	gfresh
<u></u> ट्रस्वर श्वि4	」 Targets信息	R	gfresh
 Dn to Target	<mark></mark> ⊂ Targets信息	R	gfresh
etails 图 4	」(og on) (ot c Targets信息	ancel	gfresh



图5 Log On设置

3 磁盘管理配置

在"Computer Management"的"Disk Management"右键扫描磁盘,如图6,扫描后发现 未初始化的磁盘,如图7,此时磁盘是Unknown且offline状态,需对磁盘操作后才可以 使用。

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点击磁盘,右键"Online",如图8,将磁盘联机,此时磁盘为"Not Initialized"还需对磁盘初始化,如图9,根据向导对磁盘初始化后就可以正常使用。



图6 扫描	描磁盘		
Gilline	200 MB Unallocated		
	图7 发现磁	盘	
Disk 2 Unknown 200 MB Offline	200 MB Online		
CD-ROM 0 DVD (D:)	Properties Help		
	图8 Online磁	盘	
Disk 2 Unknown 200 MB Not Initialized	200 MB Unallocated	New Simple Volume	
DVD (D:)		New Striped Volume New Mirrored Volume New RAID-5 Volume	
No Media		Properties	
		Help	
 四 配置关键 Windows Serv	图10 初始化磁盘 建点: er 2008已自带安装;	SCSLinitiator如件 于雪单和	中安华iSCSI initiato
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