D-Link[®]

ISCSI IP SAN STORAGE



Quick Installation Guide+ Installations-Anleitung+ Guide d'installation+ Guía de instalación+ Guida di Installazione+





ENGLISH

Quick Installation Guide DSN-6000 series

iSCSI IP SAN storage

Package Contents

If any of the items are missing, please contact your reseller.



IP SAN storage



HDD trays



Power cords



RS-232 cables



GBIC transceiver and cable for DSN-6410/ 6420 only



CD



Rail kit



Keys, screws for drives and rail kit

Before installation

Before starting, prepare the following items.

- 1. A host with a Gigabit Ethernet NIC or iSCSI HBA.
- 2. CAT 5e, or CAT 6 network cables for management port and iSCSI data ports.
- 3. Prepare storage system configuration plan.
- 4. Prepare management port and iSCSI data ports network information. When using static IP, please prepare static IP addresses, subnet mask, and default gateway.
- 5. 10GbE switches (recommended). Or 10GbE switches with LCAP / Trunking (optional).
- 6. CHAP security information, including CHAP username and secret (optional).

Install drives

Note : Skip this section if you purchased a solution populated with drives.

To install SAS or SATA drives with no Bridge Board use the front mounting holes:



To install SATA drives with Bridge Board (DSN-654), fit the Bridge Board first.



Then install the drive using the rear mounting holes:



Drive slot numbering

Slot 1	Slot 4	Slot 7	Slot 10
Slot 2	Slot 5	Slot 8	Slot 11
Slot 3	Slot 6	Slot 9	Slot 12

Hard drives can be installed into any slot in the enclosure. Slot numbering will be reflected in web UI.

Note: It is advisable to install at least one drive in slots 1 ~ 4. System event logs are saved to drives in these slots; If no drives are fitted the event logs will be lost in the event of a system reboot.

Deployment

Please refer to the following topology and have all the connections ready.

- 1. Setup the hardware connection before powering on servers. Connect console cable, management port cable, and iSCSI data port cables in advance.
- 2. In addition, installing an iSNS server is recommended for dual controller system.
- 3. Power on IP SAN storage and JBOD (optional) first, and then power on hosts and iSNS server.
- To ensure MPIO is set-up automatically it is recommended that you log on the target twice (from controller 1 then controller 2).

Note: iSNS server is recommended for dual controller system.

DSN-6110: 1GbE to SAS/ SATA IP SAN storage, Single controller.



DSN-6120: 1GbE to SAS/ SATA IP SAN storage, Dual redundant controller.



DSN-6410: 10GbE to SAS/ SATA IP SAN storage, Single controller.



DSN-6420: 10GbE to SAS/ SATA IP SAN storage, Dual redundant controller.



Configuration

1.Web UI

The D-Link DSN-6000 family includes a simple to use Graphical User Interface (GUI) for integration and management. Be sure to connect the LAN cable, open a browser and enter:

http://192.168.0.32

A dialog box for authentication will pop up.

	Velcome to DSN-600	10
User name	admin	
Password	•••••	

User name: admin

Default password: 123456

After login, choose the functions that list on the left hand side to start your configuration.

2. Quick installation

Please make sure that there are some free drives installed in this system. Please check the hard drive details in "/ Volume configuration / Physical disk".

Physica	d disk	RAID group	Virtua	l disk Sn	apshot L	ogical unit							
Show P	D for:	- Local - 💌	Show si	ze unit as:	(GB) 💌								
	Sht	Size(GB)	86	Status	Health	Usane	Vendor	Serial	Type	Write carbe	Standby	Readahood	Command musuing
OP	1	465		Online	Good	Free disk	SEAGATE	9QMBKDVW00009941MZUJ	SAS	Enabled	Disabled	Enabled	Enabled
OP	2	465		Online	Good	Free disk	SEAGATE	9QMBHBL9000994458RN	SAS	Enabled	Disabled	Enabled	Enabled
OP	3	465		Online	Good	Free disk	SEAGATE	9QMBKE0P000099445B6Q	SAS	Enabled	Disabled	Enabled	Enabled
OP	4	465		Online	Good	Free disk	SEAGATE	9QMBKE4F010099445E36	SAS	Enabled	Disabled	Enabled	Enabled
OP	5	465		Online	Good	Free disk	SEAGATE	9QMBKE1R000099445E4T	SAS	Enabled	Disabled	Enabled	Enabled
OP	6	465		Online	Good	Free disk	SEAGATE	9QMBKDZF000099445E9B	SAS	Enabled	Disabled	Enabled	Enabled
OP	7	465		Online	Good	Free disk	SEAGATE	9QMBKDSV000099445BSS	SAS	Enabled	Disabled	Enabled	Enabled
OP	8	465		Online	Good	Free disk	SEAGATE	9QM4AF2G0009845WF8T	SAS	Enabled	Disabled	Enabled	Enabled

Step1: Click the "Quick installation"; follow the steps to set up system name and date / time. Step2: Confirm the management port and DNS IP addresses are correct, and click "Next".

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System	AMME: DSN-6000
ate and time	
Change date	and time
Current time	
Time zone :	(GMT+01:00) Brussels, Copenhagen, Madrid, Paris v
Setup (fate and time manually
Date :	2010 ~ / 12 ~ / 28 ~
Time :	15 ~ 1 27 ~ 1 0 ~
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Server	

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	MAC address :	00:13:78:80:00:00	
Address			
(È	DHCP		
c	Static		
	Address :	192,168.0.1	
	Mask :	255.255.255.0	
	Gateway :	192/168/0/254	
DAVE			
043	DNS :		
Port			
	HTTP port :	80	
	HTTPS port :	443	
	SSH port :	22	





Step 2

Step 3: Set up the data port IP and click "Next".

Step 4: Set up the RAID level and volume size and click "Next".

SNp 3: LISC 19 address LISC 1	Quick in	stallation			
LANE: C DHCD U State: Address: 100/166/1.1 Holds: 25/25/25/0 Galeway: 102/166/1/264	Step 3	iscsi i	P address		
C DECP Ø Static Address : 102,168.1.1 Mesk : 25525525.0 Gateway : 102,158.1.234	LAN1:				
Ø Static Address : 102.166.1.1 Mask : 255.255.25.0 Gateway : 102.168.1.214		с	DHCP		
Address : 192.168.1.1 Mosk : 255.255.0 Gateway : 192.168.1.234		æ	Static		
Nosk: 253.235.255.0 Galeway: 102.168.1.234			Address :	192.168.1.1	
Gateway : 192.168.1.254			Mask :	255.255.255.0	
			Gateway :	192.168.1.254	
	Cance				<

Step 3

Step 4

Step 5: Check all items, and click "Finish".

Quick installation	
Confirm	
System name	
system name :DSN-6000	
Network setting	
Address : DHCP	
UNES : HTTP port :80, HTTPS port : 443, SSH port : 22	
SCSI IP address	
Address : 192.168.1.1	
Plank : 233,233,233,0 Gataway - 192,150,1,254	
Volume setting	
Kolume size (GB) : 2724	
Created	cr Back Disish
Curtor	- bao

Step 5

Step 6: Done.

3.Logon Microsoft iSCSI initiator

Here are the step by step instructions to setup Microsoft iSCSI Initiator. Please visit Microsoft website for latest iSCSI initiator. This example is based on Microsoft Windows Server 2008 R2.

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Connect

1.Run Microsoft iSCSI Initiator.

2.Input IP address or DNS name of the target. And then click "Quick Connect".



51 Illiciacol P	roperties						
argets Disco	very Favorite Ta	rgets Volum	es and Device	s RAD	IUS Cor	figuration	1
Quick Connec							
To discover a DNS name of	nd log on to a targ the target and the	et using a bas in click Quick (ic connection, Connect.	, type th	ve IP addr	ess or	
Target:	192.168.1.1				Quick C	onnect]
Discovered ta	rgets						
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Name				Statu	в		4
To connect us dick Connect	sing advanced opti	ons, select a l	arget and the	in .	Coj	nest.	
To completely then click Disi	disconnect a targ	et, select the	target and				1
For target pr	operties, including	configuration	of sessions.				
select the tar	get and click Prope	irties.	,		200		
For configura the target an	tion of devices ass d then click Device	ociated with a s.	i target, selec	t .	Deyc	tes	
More about ba	sic ISCSI connectio	ins and target	2				
				1 - 4			_
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4. Your Computer can now connect to an iSCSI disk.





Installationsanleitung DSN-6000 Produktreihe

iSCSI IP SAN (Speichernetzwerk)

Packungsinhalt

Wenn eines dieser Elemente fehlt, wenden Sie sich bitte an Ihren Vertriebspartner oder Fachhändler.



IP SAN (Speichernetzwerk-Gerät)



Festplatten-Einschübe



Netzkabel



RS-232 Kabel



GBIC-Transceiver und Kabel nur für DSN-6410/6420



CD



Führungsschienen



Schlüssel, Schrauben für Laufwerke und Führungsschienen

Vor der Installation

Stellen Sie vor dem Start die folgenden Elemente bereit.

- 1. Ein Host mit Gigabit Ethernet NIC oder iSCSI HBA (Host-Bus-Adapter).
- 2. CAT 5e oder CAT 6 Netzwerkkabel für den Management-Port und für die iSCSI Datenports.
- 3. Erstellen Sie einen Konfigurationsplan des Speichersystems.
- Erstellen Sie Netzwerkinformationen f
 ür den Management-Port und die iSCSI Datenports. Geben Sie bei Verwendung einer statischen IP bitte die statischen IP-Adressen, die Subnetzmaske und das Standard-Gateway an.
- 5. 10 GigabitE-Switches (empfohlen). Als Alternative 1 GbE-Switches mit LCAP / Trunking (optional).
- 6. CHAP-Sicherheitsinformationen, einschließlich CHAP-Benutzername und 'Secret' (optional).

Installation der Laufwerke

Hinweis: Überspringen Sie diesen Abschnitt, wenn Sie das System mit installierten Laufwerken erworben haben.

Verwenden Sie die vorderen Montagelöcher, um SAS- oder SATA-Laufwerke ohne Bridge-Board zu installieren:

.....



Um SATA-Laufwerke mit Bridge-Board (DSN-654) zu installieren, montieren Sie zuerst das Bridge-Board.



Installieren Sie dann das Laufwerk unter Verwendung der hinteren Montagelöcher:



Nummerierung der Laufwerk-Slots

Slot 1	Slot 4	Slot 7	Slot 10
Slot 2	Slot 5	Slot 8	Slot 11
Slot 3	Slot 6	Slot 9	Slot 12

Festplatten können in jedem Slot des Gehäuses installiert werden. Die Slot-Nummerierung wird auf der Webbenutzeroberfläche wiedergegeben.

Hinweis: Es ist ratsam, mindestens ein Laufwerk in den Slots 1 ~ 4 zu installieren.

Systemereignisprotokolle werden auf Laufwerken in diesen Slots gespeichert. Wenn keine Laufwerke montiert werden, gehen die Ereignisprotokolle im Fall eines Systemneustarts verloren.

Implementierung

Eine genaue Darstellung der Topologie finden Sie in dem folgenden Diagramm. Alle dort angegebenen Verbindungen sollten hergestellt sein.

- Richten Sie erst die Hardwareverbindung ein, bevor Sie die Server einschalten. Schließen Sie vorab das Konsolenkabel, das Kabel zum Management-Port und die Kabel zum iSCSI-Datenport an.
- 2. Es wird für ein Dual Controller-System außerdem die Installation eines iSNS-Servers empfohlen.
- 3. Schalten Sie zuerst das IP SAN-Gerät und JBOD (optional) und dann die Hosts und den iSNS Server ein.
- Um zu gewährleisten, dass MPIO (Multi-Path E/A) automatisch eingerichtet wird, empfiehlt sich eine zweimalige Anmeldung in der Speichervorrichtung (Ziel) (von Controller 1, dann Controller 2).

DSN-6110: 1 GbE zum SAS/ SATA IP SAN, Einzelner Controller.



DSN-6120: 1 GbE zum SAS/ SATA IP SAN, dualer redundanter Controller.



DSN-6410: 10 GbE zum SAS/ SATA IP SAN, Einzelner Controller.



DSN-6420: 10 GbE zum SAS/ SATA IP SAN, dualer redundanter Controller.



Konfiguration

1. Webbenutzeroberfläche

Die D-Link DSN-6000 Produktfamilie enthält eine einfach zu verwendende grafische Benutzeroberfläche für Integrations- und Managementaufgaben. Schließen Sie das LAN-Kabel an, öffnen Sie einen Browser und geben Sie Folgendes ein:

http://192.168.0.32

Es wird ein Dialogfeld zur Authentifizierung angezeigt.

v	elcome to DSN-60	00
User name	admin	
Password	•••••	

User name (Benutzername): admin

Default Password (Standard-Kennwort): 123456

Wählen Sie nach der Anmeldung die Funktionen, die auf der linken Seite aufgelistet sind, um Ihre Konfiguration zu starten.

2. Schnellinstallation

Vergewissern Sie sich, dass in diesem System freie Laufwerke installiert sind. Prüfen Sie die Festplattendetails in "/ Volume configuration / Physical disk" (Konfig. log. Laufwerke / Phys. Datenträger).

Physic	al disk	RAID group	Virtua	l dişk 🛛 Sn	apshot I	ogical unit							
Show I	PD for: [- Local - 💌	show si	ze unit as:	(GB) 💌								
	Slot	Size(GB)	RG	Status	Health	Usage	Vendor	Serial	Туре	Write cache	Standby	Readahead	Command queuing
OP	1	465		Online	Good	Free disk	SEAGATE	9QMBKDVW00009941MZUJ	SAS	Enabled	Disabled	Enabled	Enabled
OP	2	465		Online	Good	Free disk	SEAGATE	9QMBHBL9000099445BRN	SAS	Enabled	Disabled	Enabled	Enabled
OP	3	465		Online	Good	Free disk	SEAGATE	9QMBKE0P000099445B6Q	SAS	Enabled	Disabled	Enabled	Enabled
OP	4	465		Online	Good	Free disk	SEAGATE	9QMBKE4F010099445E36	SAS	Enabled	Disabled	Enabled	Enabled
OP	5	465		Online	Good	Free disk	SEAGATE	9QMBKE1R000099445E4T	SAS	Enabled	Disabled	Enabled	Enabled
OP	6	465		Online	Good	Free disk	SEAGATE	9QMBKDZF000099445E9B	SAS	Enabled	Disabled	Enabled	Enabled
OP	7	465		Online	Good	Free disk	SEAGATE	9QMBKDSV000099445BSS	SAS	Enabled	Disabled	Enabled	Enabled
OP	8	465		Online	Good	Free disk	SEAGATE	9QM4AF2G0009845WF8T	SAS	Enabled	Disabled	Enabled	Enabled

Schritt 1: Klicken Sie auf "Quick installation" (Schnellinstallation) und folgen Sie den Schritten, um den Systemnamen und das Datum / die Uhrzeit einzurichten.

Schritt 2: Bestätigen Sie die Einstellungen des Management-Ports und der DNS IP-Adressen und klicken Sie auf "Next" (Weiter).

Sy Nate and ti Chong	rstern name : DS4-6000
Date and ti	me
Chang	
	e date and time
Curre	nt time :2010/12/28 15:27:14
Time :	cone : (GMT+01:00) Brussels, Copenhagen, Madrid, Paris 9
۰ د	ietup date and time manually
1	Note : 2010 - / 12 - / 28 -
	lme : 15 × 1 27 × 1 0 ×
0.	ITP
5	ierver :

Step 2 - 5	Vetue	- ork setting		
and a second		ork second		
PLAC 200	PULL	NAC address :	00:13:78:80:00:00	
AUUTESS	e c	DHCP Static		
		Address :	192,168.0.1	
		Mask :	255.255.255.0	
		Gateway :	192/168/0.254	
DNS				
		DNS :		
Port				
		HTTP port :	80	
		HTTPS port :	443	
		SSH port :	22	



Schritt 3: Richten Sie die Datenport-IP-Adresse ein und klicken Sie auf "Next" (Weiter). Schritt 4: Geben Sie die RAID-Ebene und die Größe des logischen Laufwerks an und klicken Sie auf "Next" (Weiter).

					GEICK	installation		
Step 3 :	iscsi i	P address			Step	4 : Volume setting		
AN1:					RAID	level :	- RAID 0(3724 GB) - 💌	
	с	DHCP					- RAID 0(3724 G8) - - RAID 1(465 G8) -	
	e	Static					- RAID 3(3258 G8) - - RAID 5(3258 G8) -	
		Address :	192.168.1.1				- RAID 6(2793 GB) - - RAID 0+1(1862 GB) -	
		Mask :	255,255,255.0					
		Gateway :	192.168.1.254					



Schritt 4

Schritt 5: Prüfen Sie alle Elemente und klicken Sie auf "Finish" (Fertig stellen).

luck installation	
Confirm	
iystem name	
System name :DSN-6000	
ietwork setting	
Address : DHCP	
HTTP port :80, HTTPS port : 443, SSH port : 22	
SCSI IP address	
Address : 192.168.1.1	
4ask : 255.255.255.0	
SapamaA : 185'108'1'524	
folume setting	
USD level : RAID 0 on Local enclosure	
/olume size (GB) : 3724	
Cancel	ss Bark Finish

Schritt 5

Schritt 6: Abgeschlossen.

3. Einrichten des Microsoft iSCSI Initiators

Es folgen schrittweise Anleitungen zum Einrichten des Microsoft iSCSI Initiators. Sie finden den neuesten iSCSI Initiator auf der Microsoft Website. Dieses Beispiel basiert auf dem Microsoft Windows Server 2008 R2.

Verbindung herstellen

1. Führen Sie den Microsoft iSCSI Initiator aus 2. Geben Sie die IP-Adresse oder den DNS-Namen der Speichervorrichtung (auch Ziel genannt) ein. Klicken Sie dann auf "Quick Connect" (Schnellzugriff).

arget:	19	2.168.1.1				Quick	Connect
scovered	target	s —					
						B	efresh
Name	-				5	atus	
o connect lick Conne nen click E or target slect the l	t using sct. Sisconn proper target	advanced c connect a ti ect. ties, includi and click Pri	ptions, select . arget, select th ng configuratio sperties.	a target and th re target and n of sessions,	en	G Dis Bros	gnet connett
or config. he target	and th	of devices en click Dev	associated with ices.	i a target, sele	ct	De	yites
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I Initiate rgets Die Gudk Conn Fo decovered Name isp. 1986- Fo connect dick Conn Fo connect dick Conn Fo connect	ect and i of the l target -06.cor t using ect.	erties r Favorite ag on to a target and s advanced of connect a target and advanced of connect a target and connect and connect a target and con	Targets Vok arget using a ta then dick Quid -6000-fff90ads	OK mes and Devis assic connection connect. Redev0.ctr 1 i8:dev0.ctr 1 is target and the se target and the	es i i n, typ	Cancel Cancel CADEUS Ci C C C C C C C C C C C C C C C C C C	Connect connect
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Initiato gets bi uuck Conn o discover iscovered Name ign, 1986- o connect kk Conn o complet hen dick I ior target elect the ior configue target	t using transition of the sector of the sect	erties / Favorite sg on to a t arget and s	Targets Vok August Vok	OK mere and Devision is connection is connect. I connect.	xes i n, typ is is	Cancel Cancel Cancel Constant	According to the second

iSCSI Initiator Properties

3. KIIC	ken Sie auf "Done"	r (Fertig).	
	Quick Connect		×
	Targets that are available for connection at the IP provided are listed below. If multiple targets are a to each target individually. Connections made here will be added to the list of to restore them will be made every time this compu-	address or DNS name that you vailable, you need to connect Favorite Targets and an attempt uter restarts.	
	Discovered targets		
	Name	Status	
	ign. 1996-06. com. d knic.dan-6000 fff90ad38.dov	0.ctr1 Connected	
	Progress report		
	Immediate Login Succeeded.Persistent Login faik after system reboot	rd, target will not be available	
	Connest	Done	

4. Ihr Computer kann nun eine Verbindung zu einem iSCSI-Datenträger herstellen.

	Techni	ische Unterstütz	zung
Deutschland:	Web: Telefon: Zeiten:	http://www.dlink.de +49(0)1805 2787 Mo. –Fr. 09:00 – 17:3	0,14 € pro Minute 0 Uhr
Österreich: Web:	http://www Telefon: Zeiten:	v.dlink.at +43(0)820 480084 Mo. –Fr. 09:00 – 17:3	0,116 € pro Minute 0 Uhr
Schweiz:	Web: Telefon: Zeiten:	http://www.dlink.ch +41(0)848 331100 Mo. –Fr. 09:00 – 17:3	0,08 CHF pro Minute 0 Uhr
* Gebühren aus Mobilne	etzen und von ar	nderen Providern können at	oweichen.



Guide d'installation rapide DSN-6000 series

Stockage SAN sur IP iSCSI

Contenu de la boîte

Contactez immédiatement votre revendeur s'il manque l'un des éléments.



Système de stockage SAN sur IP



Racks pour HDD



Cordons d'alimentation



Câbles RS-232



Émetteur/ récepteur GBIC et câble pour DSN-6410/ 6420 uniquement



CD



Kit de rails



Clés et vis pour disques et kit de rails

Avant l'installation

Avant de commencer, préparez les éléments suivants.

- 1. Un hôte avec carte réseau Gigabit Ethernet ou HBA iSCSI.
- 2. Câbles réseau CAT 5e ou CAT 6 pour le port de gestion et les ports de données iSCSI.
- 3. Préparez un schéma de configuration du système de stockage.
- Préparez les informations sur le réseau du port de gestion et des ports de données iSCSI. Si vous utilisez une adresse IP statique, préparez les adresses IP statiques, le masque de sous-réseau et la passerelle par défaut.
- Commutateurs 10 GbE (recommandé). Ou commutateurs 10 GbE avec LCAP / Agrégation de liens (facultatif).
- 6. Informations sur la sécurité CHAP, y compris nom d'utilisateur et mot de passe CHAP (facultatif).

Installation des disques

Remarque : Ignorez cette section si vous avez acheté une solution équipée de disques.

Pour installer les disques SAS ou SATA sans carte de pont, utilisez les orifices de montage frontaux :



Pour installer des disques SATA équipés d'une carte de pont (DSN-654), commencez par insérer la carte de pont.



Ensuite, installez le disque à l'aide des orifices de montage arrière :



Numérotation des emplacements des disques

Fente 1	Fente 4	Fente 7	Fente 10
Fente 2	Fente 5	Fente 8	Fente 11
Fente 3	Fente 6	Fente 9	Fente 12

Les disques durs peuvent être installés dans n'importe quelle fente du boîtier. La numérotation des fentes apparaît sur l'interface Web.

Remarque :Il est recommandé d'installer au moins un disque dans les fentes 1 à 4 car c'est là que sont enregistrés les journaux d'événements système. Donc, si aucun disque n'est inséré, les journaux d'événements seront perdus en cas de réinitialisation du système.

Déploiement

Reportez-vous au schéma suivant et préparez toutes les connexions.

- 1. Connectez le matériel avant de mettre les serveurs sous tension. Connectez le câble de la console, le câble du port de gestion, ainsi que les câbles des ports de données iSCSI à l'avance.
- 2. Il est également conseillé d'installer un serveur iSNS pour les systèmes à double contrôleur.
- Commencez par mettre sous tension le système de stockage SAN sur IP et JBOD (facultatif), puis démarrez les hôtes et le serveur iSNS.
- Pour s'assurer que MPIO est configuré automatiquement, il est recommandé de vous connecter à la cible deux fois (depuis le contrôleur 1, puis du contrôleur 2).

Remarque : Il est recommandé d'installer un serveur iSNS pour les systèmes à double contrôleur.

DSN-6110 : Contrôleur de stockage SAN sur IP simple 1 GbE à SAS/ SATA.



DSN-6120 : Contrôleur de stockage SAN sur IP double redondant 1 GbE à SAS/ SATA.







DSN-6420 : Contrôleur de stockage SAN sur IP double redondant 10 GbE à SAS/ SATA.



Configuration

1. Interface Web

La famille de produits DSN-6000 de D-Link comprend une interface utilisateur conviviale pour l'intégration et la gestion. Veillez à connecter le câble de réseau local, puis à ouvrir un navigateur et à saisir :

http://192.168.0.32

Une boîte de dialogue d'authentification s'ouvre.

elcome to DSN-60	100
admin	
•••••	
	admin

User name (Nom d'utilisateur) : admin

Default password (Mot de passe par défaut) : 123456

Une fois connecté, choisissez des fonctions dans la liste de gauche pour lancer la configuration.

2. Installation rapide

Vérifiez que des disques disponibles sont installés dans ce système. Contrôlez les données relatives au disque dur dans « / **Volume configuration / Physical disk** » (Configuration du volume / Disque physique).

Physica	d disk	RAID group	Virtua	ldisk Sn	apshot L	ogical unit							
ihow F	PD for:	- Local - 💌	ihow si	ze unit as:	(GB) 💌								
	Slot	Size(GB)	RG	Status	Health	Usage	Vendor	Serial	Туре	Write cache	Standby	Readahead	Command queuing
OP	1	465		Online	Good	Free disk	SEAGATE	9QMBKDVW00009941MZUJ	SAS	Enabled	Disabled	Enabled	Enabled
0P	2	465		Online	Good	Free disk	SEAGATE	9QMBHBL9000099445BRN	SAS	Enabled	Disabled	Enabled	Enabled
0P	3	465		Online	Good	Free disk	SEAGATE	9QMBKE0P000099445B6Q	SAS	Enabled	Disabled	Enabled	Enabled
0P	4	465		Online	Good	Free disk	SEAGATE	9QMBKE4F010099445E36	SAS	Enabled	Disabled	Enabled	Enabled
0P	5	465		Online	Good	Free disk	SEAGATE	9QMBKE1R000099445E4T	SAS	Enabled	Disabled	Enabled	Enabled
0P	6	465		Online	Good	Free disk	SEAGATE	9QMBKDZF010099445E9B	SAS	Enabled	Disabled	Enabled	Enabled
0P	7	465		Online	Good	Free disk	SEAGATE	9QMBKDSV00099445BSS	SAS	Enabled	Disabled	Enabled	Enabled
OP	8	465		Online	Good	Free disk	SEAGATE	9QM4AF2G0009845WF8T	SAS	Enabled	Disabled	Enabled	Enabled

Étape 1 : Cliquez sur « Quick installation » (Installation rapide) et suivez les étapes pour configurer le nom du système, ainsi que la date et l'heure.

Étape 2 : Vérifiez que le port de gestion et les adresses IP du DNS sont corrects, puis cliquez sur « Next » (Suivant).

System	smen		
	System n	ame: DSN-6000	
Date and	d time		
Che	inge date	and time	
Cur	rent time	2010/12/28 15:27:14	
Tim	e zone :	(GMT+01:00) Brussels, Copenhagen, Madrid, Paris	1
۲	Setup da	ite and time manually	
	Date :	2010 ~ / 12 ~ / 28 ~	
	Time :	15 ~ 1 27 ~ 1 0 ~	
	NTP		
	Server :		

MAC addr	1255			
		NAC address :	00:13:78:80:00	0:00
Address				
	e.	DHCP		
	Ċ.	Static		
		Address :	192/168/0/1	
		Mask :	255.255.255.0	
		Gateway :	192,168,0.254	
DNS				
		DNS:		
Port				
		HTTP port :	80	
		HTTPS port :	443	
		SSH port :	22	
		SSH port :	22	





Étape 3 : Configurez l'adresse IP du port de données, puis cliquez sur « Next » (Suivant). Étape 4 : Configurez le niveau RAID et la taille du volume, puis cliquez sur « Next » (Suivant).

Quick ins	stallation		
Step 3 :	ISCSI IP addre	55	
LAN1:			
	C DHOP		
	R Static		
	Addre	192.168.1.1	
	Mask	255.255.255.0	
	Gatew	Aby: 192.168.1.254	
Cancel			<< Back Next >>
	_		
		Étopo	2
		Elape	ა

Étape 5 : Contrôlez tous les éléments, puis cliquez sur « Finish » (Terminer).

Quick installation	
Confirm	
System name	
System name :DSN-6000	
Network setting	
Address :DHCP	
UNS : HTTP port :80, HTTPS port : 443, SSH port : 22	
SCSI IR address	
Address : 192.168.1.1	
Mask : 255.255.255.0	
Gateway : 192.168.1.254	
Volume setting	
RAID level : RAID 0 on Local enclosure	
Volume size (GB) : 3724	
Cancel	<< Back Finish



Étape 6 : Terminé.

3. Connexion au logiciel d'initiation iSCSI de Microsoft

Voici des instructions détaillées de configuration du logiciel d'initiation iSCSI de Microsoft. Consultez le site Web de Microsoft pour obtenir la toute dernière version de ce logiciel. Cet exemple repose sur Windows Server 2008 R2 de Microsoft.

Connexion

1. Exécutez le logiciel d'initiation iSCSI de Microsoft. 2. Saisissez l'adresse IP ou le nom DNS de la cible.

Ensuite, cliquez sur « **Quick Connect** » (Connexion rapide).

U	כ
<	5
	<u>,</u>
5	ŗ
h	

3.Cliquez sur « Done » (Terminé).

Connections made he	re will be added to the list	of Favorite Targets and an attemp
Diestore Dielli wirds	e indue ever y unie uns co	iputer restarts.
Discovered targets		
Name		Status
ign. 1986-06.com.d-	ink:dsn-6000-fff90ad98:	lev0.ctr1 Connected
iqn. 1986-06.com.d-	ink::dsn-6000+fff90ad98:	kev0.ctr1 Connected
ign. 1986-06. com.d- Progress report Immediate Login Su: after system reboot	inicidan -6000 -fff90ad98 : cceeded.Persistent Login	kev0.ctr1 Connected

argets Discovery				
	Favorite Targets	Volumes and Devices	RADIUS Configu	aration
Quick Connect				
To discover and log DNS name of the ta	on to a target using rget and then dick (a basic connection, ty Juick Connect.	/pe the IP address	or
Target: 192.	168.1.1		Quick Conn	ect]
Discovered targets			Refres	h (
Marco			O abut	<u> </u>
To connect using ad dick Connect.	ivanced options, se	ect a target and then	Cogne	*
To completely disco then click Disconnec	nnect a target, sele t.	ct the target and	Disconn	est
For target propertie select the target an	s, including configu d click Properties.	ation of sessions,	Eropertic	s
For configuration of the target and then	devices associated click Devices.	with a target, select	Deyites	
Mara about basis ISC	ST connections and	tavante		
		ок	Cancel	époly.
ST Initiator Propo	ation			
sents las	inco			
Ouide Connect	havorite l'argets	Volumes and Devices	RADIUS Configu	uration
and the second second	on to a target usin	a basic connection, t	ype the IP address	or
To discover and log DNS name of the ta	rget and then click	for conner.		
To discover and log DNS name of the ta Target:	rget and then click	and correct.	Quick Conn	eđ
To discover and log DNS name of the ta Target:	rget and then click		Quick Conr	eđ
To discover and log DNS name of the ta Target:	rget and then dick		Quick Conr Refre	ed
To discover and log DNS name of the ta Target: Discovered targets Name	rget and then dick		Quick Conr Refre Status	ed
To discover and log DNS name of the ta Target: Discovered targets Name kgn. 1986-06.com.c	rget and then click i	Dad98:dev0.ctr1	Quick Conn Refree Status Inactive	ed
To discover and log DNS name of the ta Target: I Discovered targets Name Jgn. 1996-06-com. c	rget and then click i	Jad98:dev0.ctr1	Quisk Corr Refree Status Inactive	#
To discover and log DNS name of the ta Target: Discovered targets Name Jgn. 1996-06.com.c To connect using ac click Connect.	rget and then click i	Jad98:dev0.ctr1	Quick Corre	ed
To decover and log DNS name of the ta Target: Discovered targets Name Jan. 1996-06.com.c Connect. using ac dck Connect.	Hinkdon-6000-fff9	Jad98:dev0.ctr1	QUIKCom Refree Status Inactive	ect
To decover and log DNG rane of the ta DNG rane of the ta Target: Decovered targets Name km. 1996-06.com.c dick Connect using a dick Connect then dick Disconec For target properties dick the target targets the dick Disconec For target properties dick the target target for target properties dick target for target properties dick target for target properties dick target for target properties dick target for target for target properties dick target for target for target properties dick target for target f	Vanced options, se in cluster source to the second options of the second option o	lad98:dev0.ctr 1	QifikCom Refre Status Inactive Discom Propertie	ect.
To decover and log DKG name of the ta DKG name of the ta DKG name of the ta Early the second seco	Vanced options, se nect a target configuration s, includes s, incl	ear context	CarthCorr Refret Status Inactive	ect
To decover and log DOS name of the to DOS name of the DOS name	Heincides 4000-fff9 Heincides 4000-fff9 Ivanced options, se ment & larget, selds disk Properties. St connections and	indefinition of essence, with a target, select	CuthCorn Refre Status Inactive Discom Properts Devices	et

4. Votre ordinateur peut maintenant se connecter à un disque iSCSI.





Guía de instalación rápida DSN-6000 series

iSCSI IP SAN storage

¿Qué contiene la caja?

Si falta cualquiera de los componentes, póngase en contacto con el proveedor.



IP SAN storage



Bandejas para UDD



Cables de alimentación



Cables RS-232



Transceptor GBIC y cable sólo para DSN-6410/ 6420



CD



Kit de riel



Llaves, tornillos para las unidades y kit de riel

Antes de la instalación

Antes de empezar, prepare los elementos siguientes.

- 1. Un host con un NIC Gigabit Ethernet o un HBA iSCSI.
- 2. Cables de red CAT 5e o CAT 6 para el puerto de gestión y los puertos de datos iSCSI.
- 3. Prepare el plan de configuración del sistema de almacenamiento.
- Prepare la información de red del puerto de gestión y de los puertos de datos iSCSI. Si se utiliza una IP estática, prepare las direcciones de la IP estática, la máscara de subred y la puerta de enlace predeterminada.
- 5. Conmutadores 10GbE (recomendados). O bien, conmutadores 10GbE con LCAP / Gestión de enlaces (opcional).
- 6. Información de seguridad (CHAP), incluyendo el nombre de usuario y el password (opcional).

Instalación de las unidades

Nota : omita esta sección si ha adquirido una solución equipada con unidades.

Para instalar las unidades SAS o SATA sin placa Bridge, utilice los orificios de montaje frontales:



Para instalar las unidades SATA con placa Bridge (DSN-654), ajuste primero la placa Bridge.



A continuación, instale la unidad utilizando los orificios de montaje posteriores:



Numeración de las ranuras de unidad

Ranura 1	Ranura 4	Ranura 7	Ranura 10
Ranura 2	Ranura 5	Ranura 8	Ranura 11
Ranura 3	Ranura 6	Ranura 9	Ranura 12

Los discos duros se pueden instalar en cualquiera de las ranuras de la carcasa. La numeración de las ranuras se reflejará en la interfaz de usuario de la web.

Nota: se recomienda instalar al menos una unidad en las ranuras 1 ~ 4. Los registros de eventos del sistema se guardan en las unidades en estas ranura. Si no hay unidades instaladas, se perderán los registros de eventos si se produce un reinicio del sistema.

Despliegue

Consulte la topología siguiente y tenga preparadas todas las conexiones.

- 1. Configure la conexión del hardware antes de encender los servidores. Conecte antes el cable de la consola, el cable del puerto de gestión y los cables del puerto de datos iSCSI.
- 2. Además, se recomienda instalar un servidor iSNS para el sistema de controlador dual.
- Encienda en primer lugar el almacenamiento SAN IP y el JBOD (opcional) y, a continuación, encienda los hosts y el servidor iSNS.
- 4. Para asegurarse de que MPIO se configura automáticamente, se recomienda iniciar sesión en el destino dos veces (desde el controlador 1 y, a continuación, desde el controlador 2).

Nota: Se recomienda el servidor iSNS para el sistema de controlador dual.

DSN-6110: almacenamiento SAN IP de 1 GbE a SAS/ SATA, controlador único.



DSN-6120: almacenamiento SAN IP de 1 GbE a SAS/ SATA, controlador doble redundante.



DSN-6410: almacenamiento SAN IP de 10 GbE a SAS/ SATA, controlador único.



DSN-6420: almacenamiento SAN IP de 10 GbE a SAS/ SATA, controlador doble redundante.



Configuración

1. Interfaz de usuario de web

La familia DSN-6000 de D-Link incluye una interfaz gráfica de usuario (GUI) fácil de utilizar para integración y gestión. Asegúrese de conectar el cable de LAN, abra el explorador e introduzca:

http://192.168.0.32

Aparecerá un cuadro de diálogo para autenticación.



Nombre de usuario: admin

Contraseña predeterminada: 123456

Después de iniciar sesión, elija las funciones que se enumeran en el lado izquierdo para empezar la configuración.

2. Instalación rápida

Asegúrese de que hay algunas unidades libres instaladas en este sistema. Consulte la información del disco duro en "/ Configuración del volumen / Disco físico".

Physica	l disk	RAID group	Virtua	l dişk 🛛 Sn	apshot L	ogical unit							
ihow P	D for:	- Local - 💌	show si	ze unit as:	(GB) 💌								
	Slot	Size(GB)	RG	Status	Health	Usage	Vendor	Serial	Туре	Write cache	Standby	Readahead	Command queuing
OP	1	465		Online	Good	Free disk	SEAGATE	9QMBKDVW00009941MZUJ	SAS	Enabled	Disabled	Enabled	Enabled
OP	2	465		Online	Good	Free disk	SEAGATE	9QMBHBL9000099445BRN	SAS	Enabled	Disabled	Enabled	Enabled
OP	3	465		Online	Good	Free disk	SEAGATE	9QMBKE0P000099445B6Q	SAS	Enabled	Disabled	Enabled	Enabled
OP	4	465		Online	Good	Free disk	SEAGATE	9QMBKE4F010099445E36	SAS	Enabled	Disabled	Enabled	Enabled
OP	5	465		Online	Good	Free disk	SEAGATE	9QMBKE1R000099445E4T	SAS	Enabled	Disabled	Enabled	Enabled
OP	6	465		Online	Good	Free disk	SEAGATE	9QMBKDZF010099445E9B	SAS	Enabled	Disabled	Enabled	Enabled
OP	7	465		Online	Good	Free disk	SEAGATE	9QMBKDSV00099445BSS	SAS	Enabled	Disabled	Enabled	Enabled
OP	8	465		Online	Good	Free disk	SEAGATE	9QM4AF2G0009845WF8T	SAS	Enabled	Disabled	Enabled	Enabled

Paso 1: Haga clic en "**Instalación rápida**"; siga los pasos para configurar el nombre y la fecha / hora del sistema.

Paso 2: Confirme que el puerto de gestión y las direcciones IP de DNS son correctos y haga clic en "Siguiente".

System	smea		
.,	System na	me: DSN-6000	
Date an	i time		
Chi	inge date a	and time	
Car	rent time :	2010/12/28 15:27:14	
Tin	e zone :	(GMT+01:00) Brussels, Copenhagen, Madrid, Paris	
۲	Setup dat	te and time manually	
	Date :	2010 - / 12 - / 28 -	
	Time :	15 - 1 27 - 1 0 -	
	NTP		
	Server :		

Step 2 :	Netw	ork setting		
MAC 20	GPUSS	MAC address a	00-17-70-00-00	
Address	s			
	æ	DHCP		
	с	Static		
		Address :	192,168.0.1	
		Mask :	255.255.255.0	
		Gateway :	192,168,0.254	
DNS				
		DNS :		
Port				
		HTTP port :	80	
		HTTPS port :	443	
		SSH port :	22	



Paso 3: Establezca la IP del puerto de datos y haga clic en "Siguiente".

Paso 4: Establezca el nivel de RAID y el tamaño de volumen y haga clic en "Siguiente".

Quick installation
Step 4 : Volume setting
BAD Ivel : 2 (2010) 2
ALIE 1072-1081 2 ALIE 1074-081 3



Paso 4

Paso 5: Compruebe todos los elementos y haga clic en "Finalizar".

ABCA HISHBIDDON	
Confirm	
System name	
System name :DSN-6000	
Network setting	
Address : DHCP	
DNS :	
HTTP porciso, HTTPS porci ++3, 55H porci 22	
SCSI IP address	
Address : 192.168.1.1	
Mabik : 233.233.233.0 Gateway : 192.158.1.254	
/olume setting	
Volume size (GR) : 3724	
Owned	Contract Calab
1-47110	55 D40. 1 PHIL21

Paso 5

Paso 6: Hecho.

3. Inicio de sesión en Microsoft iSCSI Initiator

A continuación se muestran las instrucciones paso a paso para configurar Microsoft iSCSI Initiator. Visite el sitio web de Microsoft para obtener el iSCSI Initiator. Este ejemplo está basado en Microsoft Windows Server 2008 R2.

Conectar

1. Ejecute Microsoft iSCSI Initiator.

2. Éscriba la dirección IP o el nombre DNS del destino. A continuación, haga clic en **"Conexión rápida"**.

3. Haga clic en "Hecho".



	overy [Pavorice rargets] voic	ines and bevices	(Lionnico I	connguration [
Quick Conne To discover	et and log on to a target using a b	asic connection,	type the IP a	ddress or
DNS name o	if the target and then click Quid	k Connect.		
Target:	192.168.1.1		Qui	k Connect
Discovered I	argets			
				Befresh
Name			Status	
To connect dick Connec To complete then click Di For target p select the to For configue the target a	using advanced options, select t. by disconnect a target, select th sconnect, . ropetties, including configuration arget and click Properties. atton of devices associated with on them click Devices.	a target and ther re target and m of sessions, n a target, select		Cognest Joconnest apertics
a Initiator	Properties	ок	Cancel	Aroly
51 Initiator argets Dis Quick Conne To discover	• Properties covery Feverite Targets Voli cst and los on to a target using a l	OK OK	Cancel	Configuration
51 Initiato argets Dis Quick Conne To discover DNS name o	r Properties covery Favorite Targets Vol et of the target and then club Quic	OK umes and Devices basic connection, k Connect.	Cancel	Acc/y Configuration
51 Initiato argets Dis Quick Conne To discover DNS name o Target:	• Properties covery Pavorite Targets Val est and log on to a target using a to f the target and then click Quic 	OK umes and Devices pasic connection, k Connect.	Cancel Cancel A RADIUS Type the IP a	Configuration) ddress or ck Connect
ST Initiation argets Diss Quick Corne To discover DNS name of Target: Discovered	Properfiles covery [Favorite Targets] Vol st and fay on to a target using a file target and then click Quic [[targets	OK umes and Devices pasic connection, k Connect.	Cancel	Acciv Configuration di ddress or ck Connect
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4. El ordenador puede conectarse ahora a un disco iSCSI.





Guida di installazione rapida DSN-6000 Series

Sistema di archiviazione iSCSI IP SAN Storage

Contenuto della confezione

Se uno o più articoli risultano mancanti, rivolgersi al rivenditore.



Sistema di archiviazione IP SAN Storage



Cassetti per unità disco fisso



Cavi di alimentazione



Cavi RS-232



Trasmettitore e cavo GBIC solo per DSN-6410/6420



CD



Kit per guide



Chiavi, viti per unità e kit per guide

Operazioni preliminari all'installazione

Prima dell'avvio, preparare quanto segue.

- 1. Un host con NIC Gigabit Ethernet o HBA iSCSI.
- 2. Cavi di rete CAT 5e o CAT 6 per la porta di gestione e le porte dati iSCSI.
- 3. Preparare il piano di configurazione del sistema di archiviazione.
- 4. Preparare le informazioni relative alla rete della porta di gestione e delle porte dati iSCSI. Quando si utilizza l'IP statico, preparare gli indirizzi IP statici, la subnet mask e il gateway di default.
- 5. Switch 10GbE (scelta consigliata). In alternativa, switch 10GbE con LCAP/trunk (facoltativo).
- 6. Informazioni per la sicurezza CHAP, incluso il nome utente e il segreto CHAP (facoltativo).

Installazione delle unità

Nota: se è stata acquistata una soluzione che include già le unità, ignorare questa sezione.

Per installare unità SAS o SATA senza scheda bridge, utilizzare i vani di montaggio frontali:



Per installare unità SATA con scheda bridge (DSN-654), inserire prima la scheda bridge.



Installare quindi l'unità utilizzando i vani di montaggio posteriori:



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Numerazione degli slot per dischi rigidi

Slot 1	Slot 4	Slot 7	Slot 10
Slot 2	Slot 5	Slot 8	Slot 11
Slot 3	Slot 6	Slot 9	Slot 12

Le unità disco rigido possono essere installate in qualsiasi slot dell'enclosure. La numerazione degli slot verrà visualizzata nell'interfaccia utente Web.

Nota: è preferibile installare almeno un'unità in uno degli slot compresi tra 1 e 4. I log degli eventi di sistema vengono salvati nelle unità installate in tali slot. Se non si installa alcuna unità, i log degli eventi andranno persi in caso di riavvio del sistema.

Installazione

Fare riferimento alla seguente topologia e assicurarsi che tutti le connessioni siano disponibili.

- 1. Configurare la connessione hardware prima di accendere i server. Collegare prima il cavo della console, quello della porta di gestione e i cavi delle porte dati iSCSI.
- 2. Si consiglia inoltre di installare un server iSNS per il sistema a doppio controller.
- 3. Accendere prima il sistema di archiviazione IP SAN Storage e JBOD (opzionale), quindi gli host e il server iSNS.
- 4. Per garantire la configurazione automatica di MPIO, si consiglia di effettuare due volte l'accesso alla destinazione (prima dal controller 1 e quindi dal controller 2).

Nota: si consiglia di utilizzare un server iSNS per sistemi a doppio controller.

DSN-6110: sistema di archiviazione IP SAN Storage da 1GbE a SAS/SATA, controller singolo.



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DSN-6120: sistema di archiviazione IP SAN Storage da 1GbE a SAS/SATA, controller doppio ridondante.



DSN-6410: sistema di archiviazione IP SAN Storage da 10GbE a SAS/SATA, controller singolo.



DSN-6420: sistema di archiviazione IP SAN Storage da 10GbE a SAS/SATA, controller doppio ridondante.



Configurazione

1. Interfaccia utente Web

La famiglia D-Link DSN-6000 include un'interfaccia utente grafica di facile utilizzo per l'integrazione e la gestione. Assicurarsi di collegare il cavo LAN, aprire una finestra del browser e immettere:

http://192.168.0.32

Verrà visualizzata una finestra di dialogo per l'autenticazione.



Nome utente: admin

Password di default: 123456

Dopo l'accesso scegliere le funzioni elencate sul lato sinistro per avviare la configurazione.

2. Installazione rapida

Assicurarsi che nel sistema siano installate alcune unità libere. Verificare i dettagli relativi alle unità disco fisso in "/ Configurazione del volume / Disco fisico".

iysica	l disk	RAID group	Virtua	Idisk Sn	apshot L	ogical unit							
	Slot	Size(GB)	RG	Status	Health	Usage	Vendor	Serial	Type	Write cache	Standby	Readahead	Command queuin
OP	1	465		Online	Good	Free disk	SEAGATE	9QMBKDVW00009941MZUJ	SAS	Enabled	Disabled	Enabled	Enabled
OP	2	465		Online	Good	Free disk	SEAGATE	9QMBHBL900099445BRN	SAS	Enabled	Disabled	Enabled	Enabled
OP	3	465		Online	Good	Free disk	SEAGATE	9QMBKE0P000099445B6Q	SAS	Enabled	Disabled	Enabled	Enabled
OP	4	465		Online	Good	Free disk	SEAGATE	9QMBKE4F010099445E36	SAS	Enabled	Disabled	Enabled	Enabled
OP	5	465		Online	Good	Free disk	SEAGATE	9QMBKE1R000099445E4T	SAS	Enabled	Disabled	Enabled	Enabled
OP	6	465		Online	Good	Free disk	SEAGATE	9QMBKDZF000099445E9B	SAS	Enabled	Disabled	Enabled	Enabled
OP	7	465		Online	Good	Free disk	SEAGATE	9QMBKDSV00099445BSS	SAS	Enabled	Disabled	Enabled	Enabled
OP	8	465		Online	Good	Free disk	SEAGATE	9QM4AF2G10009845WF8T	SAS	Enabled	Disabled	Enabled	Enabled

Passo 1: fare clic su "Installazione rapida". Attenersi alla procedura per configurare il nome e la data/ora del sistema.

Passo 2: verificare che la porta di gestione e gli indirizzi IP DNS siano corretti, quindi fare clic su "Avanti".



MAC adds	ress			
		MAC address :	00:13:78:80:00:D0	
Address				
	e c	DHCP Static		
		Address :	192,168,0.1	
		Mask :	255.255.255.0	
		Gateway :	192,168,0.254	
DNS				
		DNS :		
Port				
		HTTP port :	80	
		HTTPS port :	443	
		SSH port :	22	







Passo 3: configurare l'IP della porta dati e fare clic su "Avanti".

Passo 4: configurare il livello RAID e la dimensione del volume, quindi fare clic su "Avanti".

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Adess: Declaration
Mexi: 05.55.555 Gateway: 102.384.134
Getevery: 192,3681.224
State Tatelor

Passo 3

Passo 4

Passo 5: verificare tutte le voci immesse e fare clic su "Fine".

Quick installation	
Confirm	
System name	
System name :DSN-6000	
Vetwork setting	
Address :DMCP	
HTTP port :80, HTTPS port : 443, SSH port : 22	
SCSI IP address	
Address : 192.168.1.1	
Mask : 255.255.255.0 Geteener - 192.168.1.254	
/olume setting	
RAID level : RAID 0 on Local enclosure	
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Passo 5

Passo 6: Operazione eseguita.

3. Accesso all'iniziatore Microsoft iSCSI

Di seguito sono riportate le istruzioni dettagliate per configurare l'iniziatore Microsoft iSCSI. Per la versione più recente dell'iniziatore iSCSI, visitare il sito Web Microsoft. Questo esempio è basato su Microsoft Windows Server 2008 R2.

Connetti

1. Avviare l'iniziatore Microsoft iSCSI.

2. Immettere l'indirizzo IP o il nome DNS della destinazione. Fare clic su "Connessione rapida".

Targets that are available	for connection at the IP address	or DNS name that v
provided are listed below. to each target individually.	If multiple targets are available,	you need to conner
Connections made here wil	I he added to the list of Eaucrite	Taroate and an atte
to restore them will be made	de every time this computer resta	rts.
Discovered targets		
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ign, 1986-06.com.d-link:d	sn-6000-fff90ad98:dev0.ctr1_C	onnected
Progress report		
Progress report Timmediate Login Succeed after system reboot	ked.Persistent Login failed, targe	t will not be availabi

3. Fare clic su "Chiudi".

acco Discovery	Favorite Targets Volumes and Devi	es RAD	IUS Configuration
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arget: 19	2.168.1.1]	Quick Connect
iscovered target	s ————		
No		0.0	Berresn
to connect using	advanced options, select a target and th	nen	Connect
aiox Connect. Fo completely disi then click Discore	connect a target, select the target and ect.		Disconnect
For target proper select the target	ties, including configuration of sessions, and click Properties.		Properties
For configuration the target and the	of devices associated with a target, sele en click Devices.	ect ,	Depises
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OK Cance

4. Il computer è ora in grado di connettersi a un disco iSCSI.



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