1200/1400 Series as standard iSCSI disk array

BOSCH

en Quick Installation Guide

Table of Contents

1	Introduction	4
2	Setup Instruction	4
3	Setting the IP Address	4
3.1	Remote Desktop Connection	4
3.2	Physical Connection	6
4	Disabling the VRM Service	8
5	Standard System Configuration	9
6	Additional Software and Documentation	9

1 Introduction

The following installation describes how to use the Bosch DLA disk array series (1200/1400 series) as standard iSCSI disk array.

The system is pre-installed with the Bosch Video Recording Manager (VRM). Using the system as standard iSCSI disk arrays, you must disable the VRM Service.

2 Setup Instruction

All Bosch DLA Series disk arrays are preconfigured with a default IP address and with default iSCSI settings.

- IP Address: 10.10.10.10 (1st port) and 10.10.10.11 (2nd port)
- Net mask: 255.255.255.0
- User: Administrator
- Password: WSS4Bosch

Detailed information, such as data sheets and user manuals, are available on the Bosch web site www.boschsecurity.com under **Product Catalog** > **CCTV** > **IP Video** > **Disk Arrays**. Default iSCSI settings are optimized for use with VRM. Only an experienced storage administrator should make changes to these settings. Changing the default configuration is only required either if VRM is not used or if the default settings are not appropriate for another Bosch iSCSI application.

3 Setting the IP Address

The default IP address may be changed by either of two ways.

3.1 Remote Desktop Connection

- 1. Connect the system to your network through port 1 or port 2 and start up the system. The system comes with the Remote Desktop Connection enabled. Log on to an appropriate Client system either with Windows XP, Windows Vista or Windows 7 installed (Client hardware and software is not part of the shipment) with an IP Address in the same network, e.g. 10.10.10.12 (net mask: 255.255.255.0).
- Open the Remote Desktop Connection on your client system. In the Computer box, enter the IP Address of the disk array you want to connect to. Default IP Address: 10.10.10 (port 1)

	Remote De	Remote Desktop Connection	_
	Computer:	10.10.10.10	
L	User name:	None specified	
L	You will be as	ked for credentials when you connect.	
		Connect Cancel Help 0	ptions >>

- 3. Click **Connect**, press Ctrl+Alt+Del (if shown), then type the default password WSS4Bosch once the disk array login window is displayed.
- 4. On first login the desktop default settings are applied. This will take a few seconds and the system will reboot. After system reboot, log on again and the **Bosch VRM Appliance**

initial configuration window will be shown. Use this program to configure the disk array's IP Address.

 Provide Computer Information Provide Computer Information Configure getworking Local Area Connection 2: Not connected Update This Server Update This Server Enable automatic updating and feedback. Updates: Not configure difference improvement Program Constrained and justal updates: Customize This Server Customize This Servere Server, Windows Prever Backup Features	Bos	ch VRM Appliance initial configuration			Windows* Storage Server 20
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5. The top level view of **Bosch VRM Appliance initial configuration** displays an overview of the system's configuration and settings. Select the link **Configure networking** to get access to the network configuration.

For each network port a separate icon is shown. Select the **Local Area Connection** icon that shows the status **network**, then double-click the icon.

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Control Panel - Network Connections	- Es Search	
File Edit View Tools Advanced Help		
S organize - SS Views -		**
Name + Blatus + Device Name + Connectivity + Network Calegory + Own LAN or High-Speed Internet (2)	er + Type + Phone # or Host Address +	
Local Area Connection Beneficial Part Connection Resource and Resource and Connection Resource and Resource		

6. Click Properties, select Internet Protocol Version 4 (TCP/IPv4), then click Properties.

Local Area Connection Properties	×	
Networking Sharing		
Connect using:		
1ntel(R) PR0/1000 PM Network Connection		
Configure		
This connection uses the following items:		
 ✓ □ QoS Packet Scheduler ✓ □ File and Printer Sharing for Microsoft Networks ✓ ▲ Internet Protocol Version 6 (TCP/IPv6) ✓ ▲ Internet Protocol Version 4 (TCP/IPv4) ✓ ▲ Link-Layer Topology Discovery Mapper I/0 Driver ✓ ▲ Link-Layer Topology Discovery Responder 		
Install Uninstall Properties		
Description Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.		
OK Cancel		

7. This dialog box allows you to set the IP address configuration according to the requirements of your network.

Internet Protocol Version 4 (TCP/IPv	/4) Properties 🛛 🔋 🛛			
General				
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.				
Obtain an IP address automatical	ly			
🕞 Use the following IP address:				
IP address:	10 . 10 . 10 . 10			
Subnet mask:	255 . 255 . 255 . 0			
Default gateway:				
C Obtain DN5 server address autor	natically			
☐ Use the following DNS server add	Iresses:			
Preferred DNS server:				
Alternate DNS server:	· · ·			
	Advanced			
	OK Cancel			

8. Reboot the system.

3.2 Physical Connection

The system comes with a VGA graphic connector and with PS2 connectors for mouse and keyboard.

1. Connect a monitor, mouse and keyboard (not part of the shipment) to the disk array and start up the system.

Note:

When connecting a PS2 mouse or keyboard device after the system has been booted it will most likely not operate properly.

- 2. When the system has started up, press Ctrl+Alt+Del, then type the default password WSS4Bosch once the disk array login window is displayed.
- 3. On first login the desktop default settings are applied. This will take a few seconds and the system will reboot. After system reboot, log on again and the **Bosch VRM Appliance initial configuration** window will be shown. Use this program to configure the disk array's IP Address.

Bosch VR	M Appliance			
Ð •	osch VRM Appliance initial configuration			Windows* Storage Server 2008
0	Provide Computer Information		2	Specifying computer information
	Configure networking	Local Area Connection: Local Area Connection 2:	Not connected Not connected	
2	Update This Server		2	Updating your Windows server
	88 Enable automatic updating and feedback	Updates: Feedback:	Not configured Windows Error Reporting off Not participating in Customer Experience Impr	ovement Program
	Pownload and install updates	Checked for Updates: Installed Updates:	Never Never	
3	Customize This Server		2	Customizing your server
	💫 Add roles	Roles:	File Services	
	Add [eatures	Features:	.NET Framework 3.0 Features, Remote Serve Server, Windows PowerShell, Windows Serve	er Administration Tools, SNMP Services, Telnet er Backup Features
	San Enable Remote Desktop	Remote Desktop:	Enabled	
	Configure Windows Firewall	Firewall:	On	
Prin	t, e-mail, or gave this information			
	enable / disable Bosch VRM App	liance	2	Servermanager Help
	enable Bosch VRM Appliance			BOSCH
	aisable Bosch VRM Appliance			
	Do not show this window at logon			

4. The top level view of **Bosch VRM Appliance initial configuration** displays an overview of the system's configuration and settings. Select the link **Configure networking** to get access to the network configuration.

For each network port a separate icon is shown. Select the **Local Area Connection** icon that shows the status **network**, then double-click the icon.

Network Connections		
CONTROL Panel - Network Connections	👻 😂 Search	
File Edit View Tools Advanced Help		
🖓 Organize 👻 💾 Views 👻		**
Name + Blatus + Device Name + Connectivity + Network Category + Own	ner + Type + Phone # or Host Address +	
Local Area Convector Receive an Convector Receive and Convector R		

5. Click Properties, select Internet Protocol Version 4 (TCP/IPv4), then click Properties.

Local Area Connection Properties	×	
Networking Sharing		
Connect using:		
Intel(R) PR0/1000 PM Network Connection		
Configure		
This connection uses the following items:		
 QoS Packet Scheduler GoS Packet Scheduler File and Printer Sharing for Microsoft Networks Internet Protocol Version 6 (TCP/IPv6) Internet Protocol Version 4 (TCP/IPv4) Internet Protocol Version 4 (TCP/IPv4) Ink-Layer Topology Discovery Mapper I/O Driver Link-Layer Topology Discovery Responder 		
Install Uninstall Properties		
Description Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.		
OK Cancel		

6. This dialog box allows you to set the IP address configuration according to the requirements of your network.

Internet Protocol Version 4 (TCP/IPv	4) Properties	? ×
General		
You can get IP settings assigned autom this capability. Otherwise, you need to for the appropriate IP settings.	natically if your network suppo ask your network administrate	rts or
Obtain an IP address automatical	ly .	
✓ Use the following IP address: ——		
IP address:	10 . 10 . 10 . 10	
Subnet mask:	255 . 255 . 255 . 0	
Default gateway:	· · ·	
C Obtain DN5 server address autor	natically	
 Use the following DNS server add 	resses:	
Preferred DNS server:		
Alternate DNS server:		
	Advanced	
	OK Ca	ncel

7. Reboot the system.

4 Disabling the VRM Service

The system always comes with the VRM application preinstalled but if these are intended to be used only as a disk array the VRM Service can be disabled:

1. Log on to the storage system, then start the **Bosch VRM Appliance initial configuration** window. The top level view of the **Bosch VRM Appliance initial configuration** window displays an overview of the system's configuration and settings.

If the **Bosch VRM Appliance initial configuration** window is not displayed, click Start > Run > oobe.

2. Select the link **Disable/Enable Bosch VRM Appliance** to stop/start the VRM recording service.



To restart the service, on the **Bosch VRM Appliance initial configuration** window, click the **enable Bosch VRM Appliance** link.

5

Standard System Configuration

The system is delivered with the fully configured iSCSI target and preconfigured LUNs.

	preconfigured LUNs
1200 Series/4-bay	4
1400 Series/4-bay	3
1400 Series/8-bay	8

The default target name is **TGO** and holds all of the iSCSI LUNs.

The naming convention for the LUNs is VHDxx.vhd where <xx> ranges from 01 up to 08 depending on the system used. The default setup allows every iSCSI Initiator to connect to the system.

The system comes with iSCSI Target Service enabled which is used by the preinstalled VRM application.

6

Additional Software and Documentation

For further information concerning DLA disk array series with VRM, see the following manuals:

- Quick Installation Guide 1200 Series/4-bay IP Video Storage System
- Quick Installation Guide 1400 Series/4-bay IP Video Storage System
- Quick Installation Guide 1400 Series/8-bay IP Video Storage System

The manuals can be found on:

www.boschsecurity.com > select your region and your country > select **Product Catalog** > start a search for your product > select the product in the search results to show the existing documents.

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