

Nexsan SATABlade Chassis Swap

Nexsan

Technical Support

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SATABlade 1U

Serial ATA

Chassis Replacement

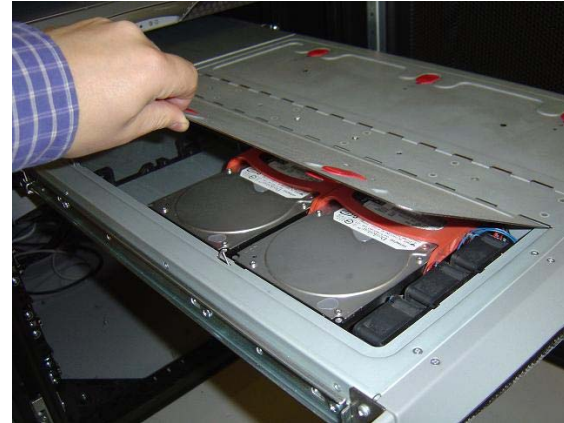
Moving disks from the old chassis to the new

- ❶ First power down the old unit and pull it out of the rack to expose the drive openings



- ❷ Then push across the lid slide locks

 **Unlock lid**



 **Pull up on the drive bracket**



 **Remove the disk**



- **Insert the disks into the new chassis in the same formation**
- **Place the disk in the slot**

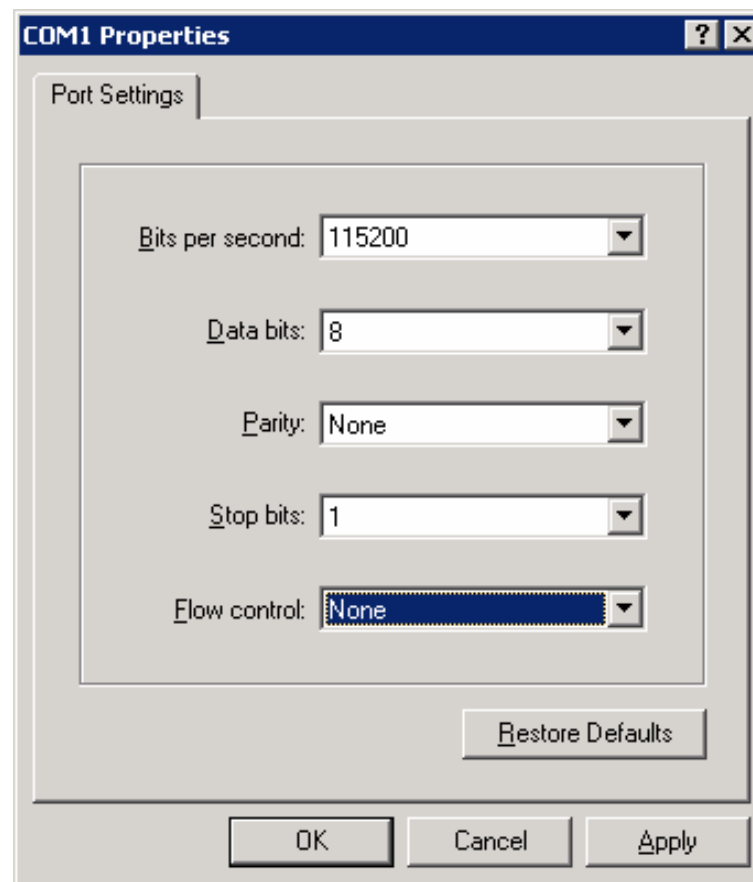


- **Push down on the bracket to insert**
- **Then close the lid**



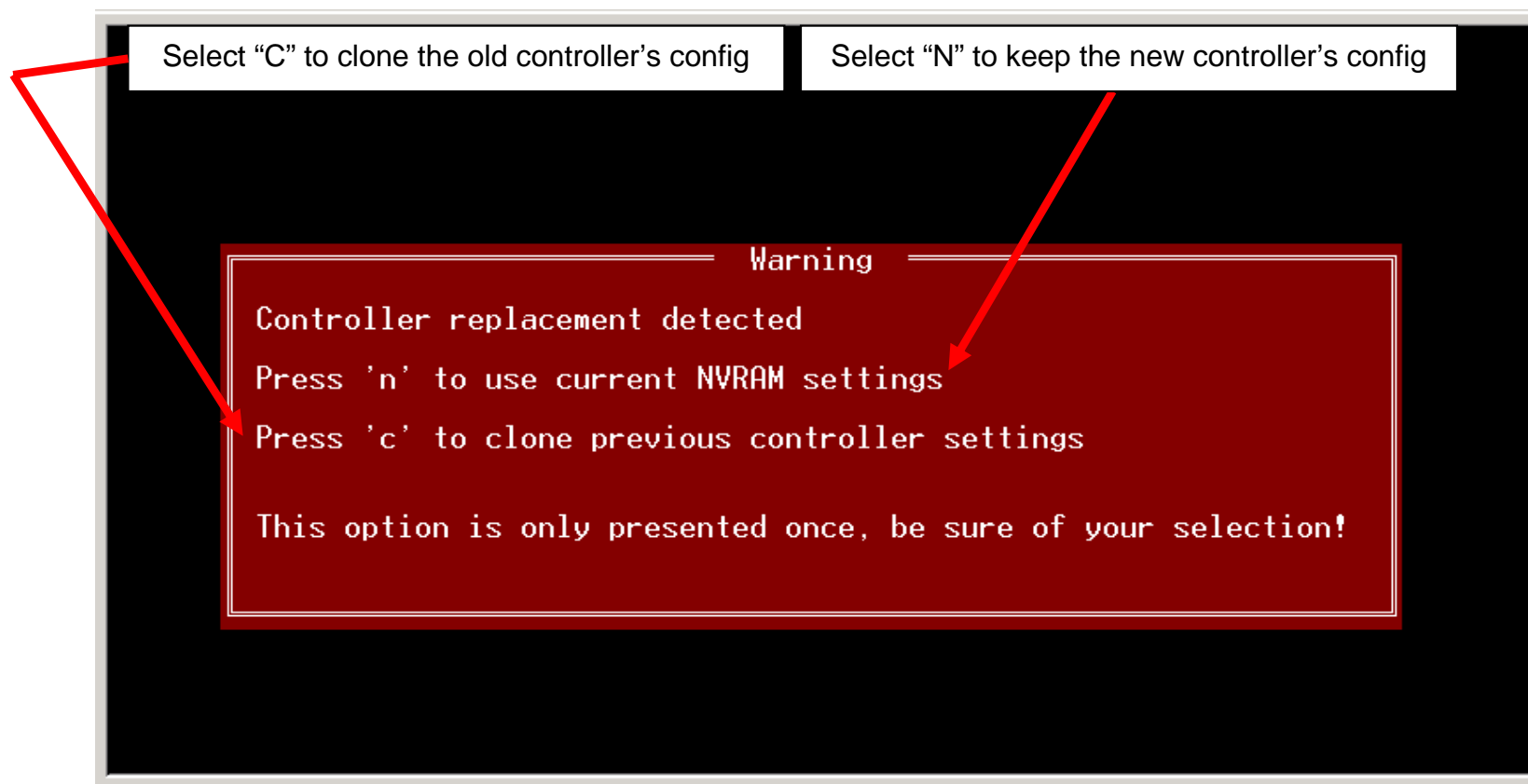
Move all cables from the
old chassis to the new

Set up a HyperTerminal session or any terminal application to access the main menu.
Please use the settings below.



“The Cloning Page”

Depending on the meta data saved on the disks the serial port may display a cloning page. The cloning page will allow you to copy the original controller's set up information such as IP, WWNs and email settings. If you go straight to the Main menu then it has cloned automatically.



Once you have cloned or selecting the Nvram option it is always a good idea to verify IP settings.

Step 1 Configure Network

```

Main Menu
-----
Information
Configure RAID
Configure volumes
Configure fibre
Configure network
Configure cache
Configure E - alerts
Configure SNMP
System admin

```

Step 2 Select a controller

```

Select Controller
-----
Controller 0
Controller 1
Exit

```

Step 3 Select a display Network Settings

```

IP Address Menu
-----
Set DHCP or manual mode
Set GUI (HTTP) IP address
Set subnet mask
Set gateway IP address
Set primary DNS IP address
Set secondary DNS IP address
Set hostname
Set DHCP/DNS update mode
Enable/disable FTP server
Configure network port
Display network settings
Apply new settings
Exit

```

Once back in the GUI, verify your LUN mappings to ensure when the host is booted they are seen correctly by selecting the Map Volume tab, then power on your host.

Map volume Tab

Step 1 select
Configure Volumes

ADD VOLUME EXPAND VOLUME DELETE VOLUME RENAM VOLUME **MAP VOLUME** LUN MASK

Configure Volumes
Map Logical Volumes

Volumes on Controller 0	Fibre		iSCSI
	Port 0	Port 1	Port 2
1: 'Volume #1' Array: 'Array #1', Controller : 0 Capacity: 2.1 TB (2048.0 GiB)	LUN 0	LUN 0	—
2: 'Volume #2' Array: 'Array #2', Controller : 0 Capacity: 2.1 TB (2048.0 GiB)	LUN 1	LUN 1	—

Volumes on Controller 1	Fibre		iSCSI
	Port 0	Port 1	Port 2
3: 'Volume #3' Array: 'Array #3', Controller : 1 Capacity: 2.1 TB (2048.0 GiB)	LUN 2	LUN 2	—
4: 'Volume #4' Array: 'Array #4', Controller : 1 Capacity: 2.1 TB (2048.0 GiB)	LUN 3	LUN 3	—

Save settings Reset

- > > > MAIN MENU
- HOME
- RAID INFORMATION
- SYSTEM INFORMATION
- CONFIGURE RAID
- CONFIGURE VOLUMES**
- SYSTEM ADMIN.
- CONFIGURE NETWORK
- QUICK START
- LOG OFF

If using Lun Masking move on to the next slide

Once the host is booted select the **LUN Masking** tab then the volume by selecting the radio button to verify your LUNs are masked to the correct initiators.

LUN mask Tab

Volume Radio Button

Step 1 select Configure Volumes

ADD VOLUME EXPAND VOLUME DELETE VOLUME RENAME VOLUME MAP VOLUME LUN MASK

Configure Volumes
Select Volume To LUN Mask

Enable LUN masking

- >>> MAIN MENU
- HOME
- RAID INFORMATION
- SYSTEM INFORMATION
- CONFIGURE RAID
- CONFIGURE VOLUMES**
- SYSTEM ADMIN.
- CONFIGURE NETWORK
- QUICK START
- LOG OFF

Free space areas on Array #1
Array 1, Controller 0
Total capacity 3.2 TB (2.9 TiB)

Free Area	Size in MB	Size in GB	% of Array
1	1001146 MB	1001.1 GB	31

Volume ID (1) on Array #1

Volume name: Volume #1
Volume capacity: 2199023 MB, 2199.0 GB (2048.0 GiB)
% of total array used: 69%
Number of bad blocks: 0
Port 0 (Fibre): LUN 0
Port 1 (Fibre): LUN 0
Port 2 (iSCSI): UNMAPPED
LUN masking: [Click to view](#)
Volume serial number: 6d0102c5
Volume created: Monday 18-Sep-2006 09:21:40

Mask LUN
Existing on array 1, controller 0
2199023 MB, 2199.0 GB (2048.0 GiB)

If your volumes are not masked as they were before the replacement select the correct initiator for the volume currently selected.

Host Initiator

Step 1 select
Configure Volumes

- > > > MAIN MENU
- HOME
- RAID INFORMATION
- SYSTEM INFORMATION
- CONFIGURE RAID
- CONFIGURE VOLUMES**
- SYSTEM ADMIN.
- CONFIGURE NETWORK
- QUICK START
- LOG OFF

Scan Fabric For Initiator WW Port Names

Initiator ports found on port 0 and 1 of this system.

Port Address	WW Port Name	Allow Access to Volume
0x010300	21-01-00-e0-8b-2f-ab-99	<input checked="" type="checkbox"/>
0x010200	21-02-00-e0-8b-4f-ab-99	<input type="checkbox"/>
All other initiators		<input checked="" type="checkbox"/>

Select All Clear All

Apply LUN Mask

Selected volume for LUN masking

To LUN mask another volume click [Select Another Volume](#)

Power on your server

**Once the server is up you should be able to
mount your volumes.**

Thank you

**If you are still having issues feel free to contact
Technical Support**

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