



SB Connectivity Commvault Backup & Recovery | Tape

This guide describes the necessary steps to setup up the Silent Brick System as a Commvault Backup & Recovery tape target.

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INTRODUCTION

This guide describes the necessary steps to setup up the Silent Brick System as a Commvault Backup & Recovery tape target.

Step 1 — Create Virtual Tape Library

Please enter library name, description and choose the type of the library. You can change this settings any time.

Library Name:

Description:

Custom Revision:

Vendor ID	Product ID	Default Revision
ADIC	Scalar 1000	500A
ADIC	Scalar 24	103D
FAST-LTA	SBL 2000	100A
HP	ESL E-Series	2.00
HP	MSL6480 Series	0400
SPECTRA	PYTHON	2000

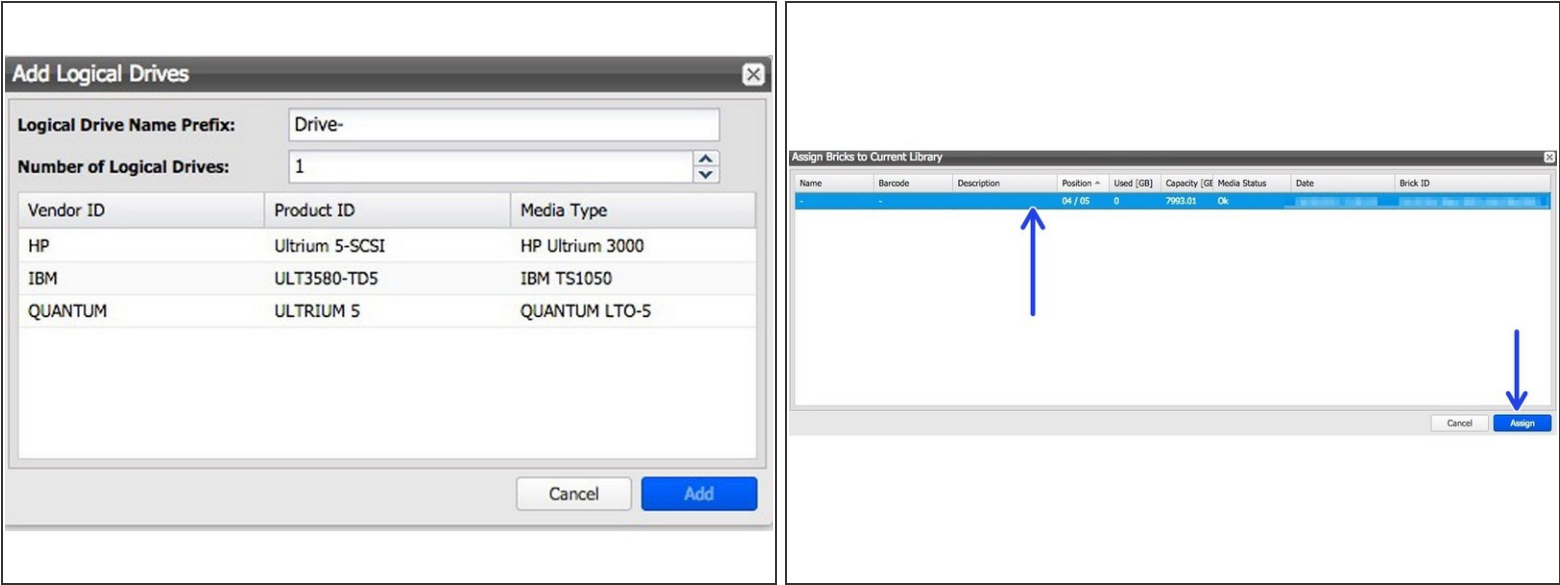
Please enter the barcode range to use for new media. A-Z and 0-9 are allowed characters.
A length of 6 characters is recommended (maximum 32). The first three characters of the start and end specifiers must match (e.g. 'TTT000' and 'TTTZZZ'). If the range end specifier ends with '999' (e.g. 'XXX000' to 'XXX999') the generated labels will consist of numbers only.

Barcode Range Start:

Barcode Range End:

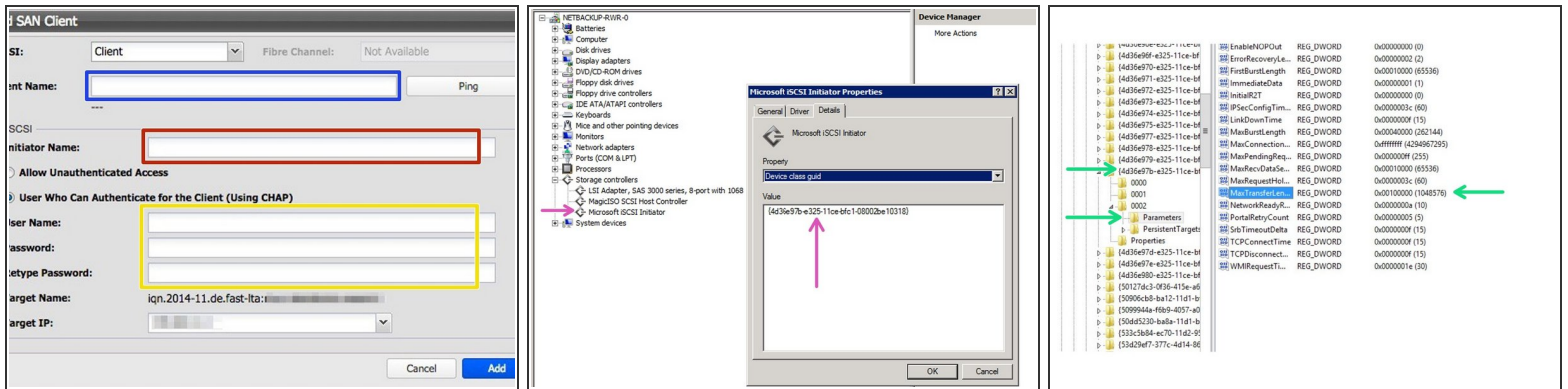
- Choose 'Library' -> 'Add'
- Library Name: Commvault
- Library emulation: Adic Scalar 1000

Step 2 — Add Drives



- Follow the wizard or choose the 'Logical Drives'-Tab in the library view in order to assign new drives to your library
- Number of Logical Drives: As desired
- Tape emulation: IBM ULT3580-TD5
- Assign the needed number of Bricks
- One Brick will be one Tape

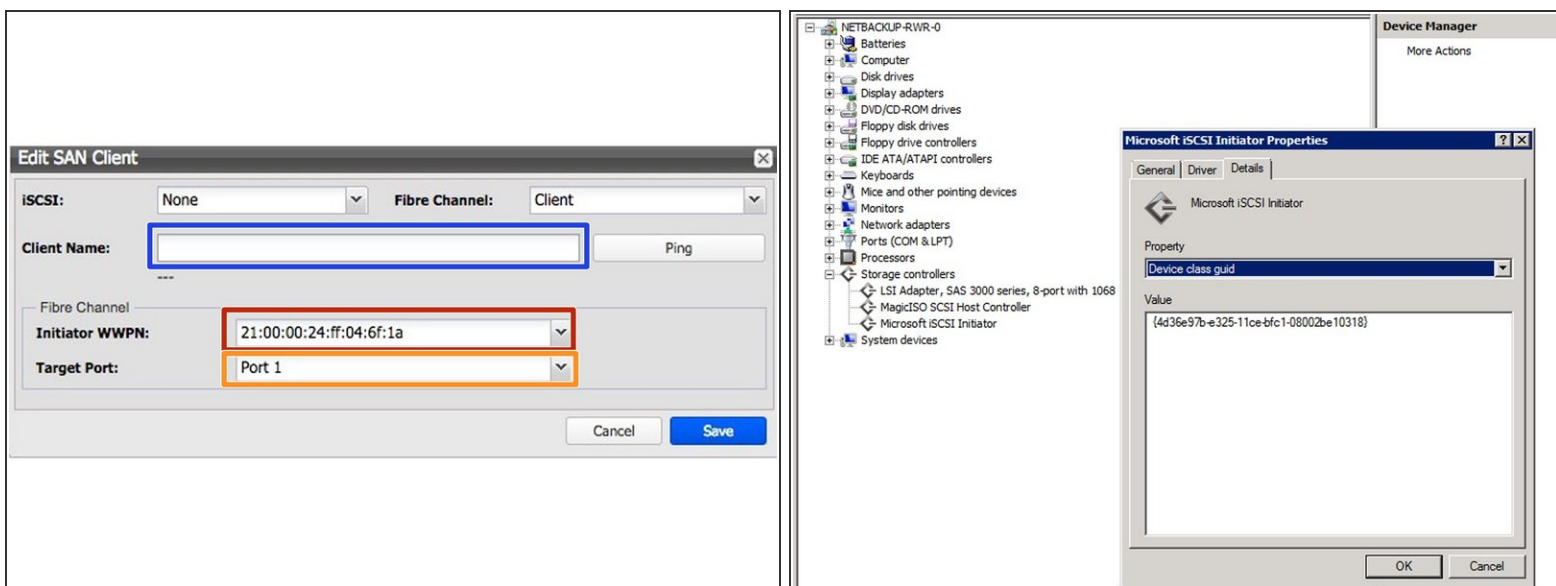
Step 3 — Setup connection (iSCSI)



i iSCSI connection is available if your Silent Brick System is equipped with a 10GB / 1GB Network card

- Follow the wizard or choose the 'SAN Clients'-tab in the library view in order to add a SAN Client to your library.
- Client Name: Enter the name of your connecting host
- Initiator Name: Enter the initiator name of your connecting host
- Authentication: If desired
- Connect iSCSI connection to your client
- Read the Class GUID of your iSCSI device
- Set the 'MaxTransferLength' in your Windows registry to a value of 256KB. This value will match your Tape Block size (configured later).

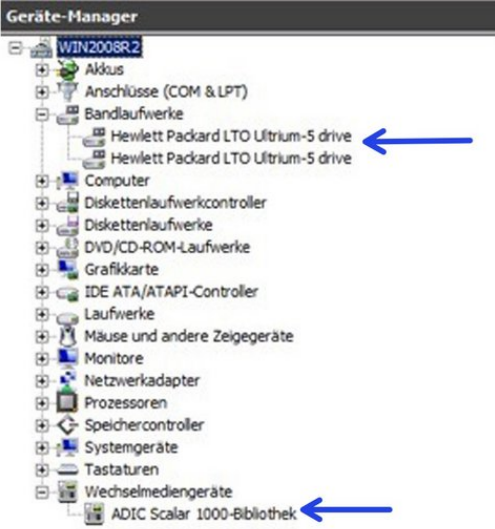
Step 4 — Setup connection (FibreChannel)



⚠ FibreChannel connection is only available if your Silent Brick System is equipped with a FibreChannel Card

- Client Name: Enter the name of your connecting host
- Target Port: Select the physical Fibre Channel Port.
- ⓘ Enumeration starts from right to left (Right: Port 0) (Left: Port 1).
- ⚠ If the client is configured for "Everyone" make sure to use the left Port (1)**
- Initiator WWN: Choose the WWN of your connected host

Step 5 — Install drivers



- Make sure the drivers for your Media Changer and for the Tape Drives are installed correctly.

Step 6 — Configure your Backup Software



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- Connect the Tape Library to the Commvault host via iSCSI or FibreChannel
- Add the tape library in Commvault
- Make sure to set the Tape Block Size to 256 KB in Commvault Backup & Recovery