

The screenshot shows the 'iSCSI Manager' window with a sidebar containing 'Overview', 'Target', 'LUN', 'Settings', and 'Log'. The 'LUN' tab is selected. A 'Create' button is visible in the top bar. The main area displays the 'iSCSI LUN Creation Wizard' with the title 'Set up iSCSI LUN properties'. The form contains the following fields:

Name:	LUN-1-11
Location:	Volume 1 (Available capacity: 7113 GB) - ext4
Total capacity (GB):	1536
Space allocation:	Thick Provisioning (better performance)

At the bottom right of the wizard are 'Next' and 'Cancel' buttons.

The screenshot shows the 'iSCSI LUN Creation Wizard' with the title 'Set up iSCSI LUN mapping'. Below the title bar, there is a blue header with the title. The main content area contains the following text and options:

You can choose to map a target to the LUN now or after the creation of the LUN.

- ☒ Create a new iSCSI target
Create a new target and map it to this LUN.
- ☐ Map existing iSCSI targets
Mapped targets will not be shown in the list.
- ☐ Map later

At the bottom of the wizard are 'Back', 'Next', and 'Cancel' buttons.

Create a new iSCSI target

Name: Target-1-11

IQN: iqn.2022-02:Target-1-11

☒ Enable CHAP

Name: chap

Password:

Confirm password:

☒ Enable Mutual CHAP

Name: mchap

Password:

Confirm password:

Back

Next

Cancel

Password Length: 16

Include Symbols: ☒ (e.g. @\$%)

Include Numbers: ☒ (e.g. 123456)

Include Lowercase Characters: ☒ (e.g. abcdefgh)

Include Uppercase Characters: ☒ (e.g. ABCDEFGH)

Exclude Similar Characters: ☐ (e.g. i, l, 1, L, o, 0, O)

Exclude Ambiguous Characters: ☐ ({ } [] () \ ' " ` ~ , ; : . < >)

Generate On Your Device: ☒ (do NOT send across the Internet)

Auto-Select: ☐ (select the password automatically)

Save My Preference: ☐ (save all the settings above for later use)

Load My Settings Anywhere: URL to load my settings on other computers quickly

Confirm Settings

The wizard will apply the following settings. The process will take a few seconds.

Item	Value
LUN name	LUN-1-11
Location	Volume 1 (Available capacity: 7113 GB) - ext4
Total capacity	1536 (GB)
Space allocation	Thick Provisioning
Target name	Target-1-11
IQN	iqn.2022-02:Target-1-11
Authentication	Mutual CHAP
Name	chap
Name	mchap

[Back](#)[Apply](#)[Cancel](#)

Server

iSCSI Initiator Properties



Targets Discovery Favorite Targets Volumes and Devices RADIUS Configuration

Configuration settings here are global and will affect any future connections made with the initiator.

Any existing connections may continue to work, but can fail if the system restarts or the initiator otherwise tries to reconnect to a target.

When connecting to a target, advanced connection features allow specific control of a particular connection.

Initiator Name:

mchap

To modify the initiator name, click Change.

Change...

To set the initiator CHAP secret for use with mutual CHAP, click CHAP.

CHAP...

iSCSI Initiator Mutual CHAP Secret



The iSCSI initiator mutual CHAP secret is used to authenticate the target. The secret entered here will have to be configured on each target that you wish to use mutual CHAP.

Mutual CHAP requires the use of initiator authentication when connecting to the target, this can be done by using the advanced options when making connections to the target.

To clear the secret from the initiator, click Clear and then Cancel.

Initiator CHAP secret:

mchap password

Clear

OK

Cancel

OK

Cancel

Apply

Targets

Discovery

Favorite Targets

Volumes and Devices

RADIUS

Configuration

Target portals

The system will look for Targets on following portals:

Refresh

Address	Port	Adapter	IP address
<div><div>Discover Target Portal</div><div>✕</div><div>Enter the IP address or DNS name and port number of the portal you want to add.</div><div>To change the default settings of the discovery of the target portal, click the Advanced button.</div><div><div>IP address or DNS name:</div><div>Port: (Default is 3260.)</div><div>10.1.1.3</div><div>3260</div></div><div><div>Advanced...</div><div>OK</div><div>Cancel</div></div></div>			

To add an iSNS server, click Add Server.

Add Server...

To remove an iSNS server, select the server above and then click Remove.

Remove

OK

Cancel

Apply

iSCSI Initiator Properties

Targets

Discovery

Favorite Targets

Volumes and Devices

RADIUS

Configuration

Quick Connect

To discover and log on to a target using a basic connection, type the IP address or DNS name of the target and then click Quick Connect.

Target:

Quick Connect...

Discovered targets

Refresh

Name	Status
iqn.2022-02:Target-1-11	Inactive

To connect using advanced options, select a target and then click Connect.

Connect

To completely disconnect a target, select the target and then click Disconnect.

Disconnect

For target properties, including configuration of sessions, select the target and click Properties...

Properties...

For configuration of devices associated with a target, select the target and then click Devices.

Devices...

OK

Cancel

Apply

Connect To Target

Target name:

☒ Add this connection to the list of Favorite Targets.
This will make the system automatically attempt to restore the connection every time this computer restarts.

☐ Enable multi-path

Advanced...

OK

Cancel

Advanced Settings

General

IPsec

Connect using

Local adapter:

Initiator IP:

Target portal IP:

CRC / Checksum

☐ Data digest

☐ Header digest

☒ Enable CHAP log on

CHAP Log on information

CHAP helps ensure connection security by providing authentication between a target and an initiator.

To use, specify the same name and CHAP secret that was configured on the target for this initiator. The name will default to the Initiator Name of the system unless another name is specified.

Name:

Target secret:

☒ Perform mutual authentication
To use mutual CHAP, either specify an initiator secret on the Configuration page or use RADIUS.

☐ Use RADIUS to generate user authentication credentials


☐ Use RADIUS to authenticate target credentials

OK

Cancel

Apply

BACKUP

 Backup Schedule Wizard



Getting Started

Getting Started

Select Backup Configurat...

Specify Backup Time

Specify Destination Type

Confirmation

Summary

You can use this wizard to configure backups to run on a regular schedule.

To create a backup schedule, you should first decide:

- What to back up (Full Server, System State, selected files, folders or volumes)
- When and how often to back up your server
- Where to store the backups


To continue, click Next.

< Previous

Next >

Finish

Cancel

 Backup Schedule Wizard



Select Backup Configuration

Getting Started

Select Backup Configurat...

Specify Backup Time

Specify Destination Type

Confirmation

Summary

What type of configuration do you want to schedule?

☒ Full server (recommended)

I want to back up all my server data, applications and system state.

Backup size: 731,08 GB

☐ Custom

I want to choose custom volumes, files for backup.

< Previous

Next >

Finish

Cancel



Specify Backup Time

Getting Started

Select Backup Configurat...

Specify Backup Time

Specify Destination Type

Confirmation

Summary

How often and when do you want to run backups?

☒ Once a day

Select time of day: 0:00

☐ More than once a day

Click an available time and then click Add to add it to the backup schedule.

Available time:

0:00
0:30
1:00
1:30
2:00
2:30
3:00
3:30
4:00
4:30

Scheduled time:

21:00

Add >

< Remove

< Previous

Next >

Finish

Cancel



Specify Destination Type

Getting Started

Select Backup Configurat...

Specify Backup Time

Specify Destination Type

Select Destination Disk

Confirmation

Summary

Where do you want to store the backups?

☒ Back up to a hard disk that is dedicated for backups (recommended)

Choose this option for the safest way to store backups. The hard disk that you use will be formatted and then dedicated to only store backups.

☐ Back up to a volume

Choose this option if you cannot dedicate an entire disk for backups. Note that the performance of the volume may be reduced by up to 200 percent while it is used to store backups. We recommend that you do not store other server data on the same volume.

☐ Back up to a shared network folder

Choose this option if you do not want to store backups locally on the server. Note that you will only have one backup at a time because when you create a new backup it overwrites the previous backup.

< Previous

Next >

Finish

Cancel



Select Destination Disk

Getting Started

Select Backup Configurat...

Specify Backup Time

Specify Destination Type

Select Destination Disk

Confirmation

Summary

Select one or more disks to store your backups. You can use multiple backup disks if you want to store disks offsite.

Available disks:

Disk	Name	Size	Used Space	Volumes in D...

Show All Available Disks...



No external disks or disks attached to Universal Serial Bus (USB) or IEEE 1394 ports were found.

< Previous

Next >

Finish

Cancel

Show All Available Disks



On the wizard page (by default), only the disk you are most likely to use is shown. In the list below, all the disks that are attached to this server are shown, both internal and external disks. The list excludes critical disks that contain system files, and cluster shared volume disks.

Select the check box for a disk to make it appear in the list of available disks in the wizard page.

Available disks:

Disk	Name	Size	Used Space
<input type="checkbox"/> 1	VMware Virtual disk SCSI Disk Device	50,13 GB	44,99 GB
<input type="checkbox"/> 2	VMware Virtual disk SCSI Disk Device	50,13 GB	45,27 GB
<input type="checkbox"/> 3	VMware Virtual disk SCSI Disk Device	50,13 GB	22,03 GB
<input type="checkbox"/> 4	VMware Virtual disk SCSI Disk Device	50,13 GB	36,89 GB
<input type="checkbox"/> 5	VMware Virtual disk SCSI Disk Device	1,00 TB	549,58 GB
<input checked="" type="checkbox"/> 6	SYNOLOGY iSCSI Storage SCSI Disk Device	1,50 TB	128,02 MB

OK

Cancel



Confirmation

Getting Started

Select Backup Configurat...

Specify Backup Time

Specify Destination Type

Select Destination Disk

Confirmation

Summary

You are about to create the following backup schedule.

Backup times: 0:00

Files excluded: None

Advanced option: VSS Full Backup

Backup destinations

Name	Label	Size	Used Space
SYNOLOGY i...	server 2022_02_...	1,50 TB	128,02 MB

Backup items

Name
archive (A:)
Bare metal recovery
EFI System Partition
install (I:)
media (M:)
public (P:)
Recovery

< Previous

Next >

Finish

Cancel