



Xtend SAN OS X iSCSI Initiator Release v3.40

1. General Release Information

These product release notes define the changes, known issues and release details that apply to Xtend SAN iSCSI Initiator for OS X, version 3.40, which was released on 6/17/2011. (Known advisements updated 9/20/2010).

2. Changes

- **Version 3.40 (Release 6/17/11)**

- **Updated Features**

- Added Lion support for Mac OS X (ver. 10.7.x).
- Updated CLI commands to include improved output and functionality
- When attempting to remove non-existent targets an error is now displayed
- Updated graphics and icons for Xtend SAN

- **Version 3.30 (Release 7/23/10)**

- **Updated Features**

- Added enhanced troubleshooting to shorten the time to address customer issues
- Added Target Rediscover command for CLI
- Added boot delay configuration to CLI
- Support for IPv6 networks
- Fixed Xtend SAN help viewer
- Updated incorrect weblink in GUI
- GUI behavior improvements

- **Version 3.25 (Release 8/28/09)**

- **Updated Features**

- Added Snow Leopard support for Mac OS X (ver. 10.6.x).

- **Version 3.22 (Release 1/07/09)**

- **Updated Features**

- Added Command Line Interface (CLI) to allow for the automation of discovery, login and logout to multiple iSCSI targets

- **Version 3.21 (Release 11/05/08)**

- **Updated Features**

- Modified default segment count so maximum IO size would be 1MB

- **Version 3.20 (Released 10/20/08)**
 - **Updated Features**
 - Added support for Digests (HeaderDigest and DataDigest) with error level 1 processing
- **Version 3.11 (Released 09/04/08)**
 - **Updated Features**
 - Added support for up to 1024 targets
 - Modified autologin to work with a wider range of targets
 - Added support to allow autologin to work with a mix of site local IP addresses and non local net masks while the target is on a different subnet
 - Fixed issue where certain targets may not be available after discovery
 - Xtend SAN now clears previous dropdown within discovery window after the Graphical Interface (GUI) is closed
- **Version 3.10 (Released 11/19/07)**
 - **Updated Features**
 - Provided that CHAP information (username, password) remains persistent when closing and re-opening the Xtend SAN application
 - Added driver functionality that resolves a potential kernel panic upon login
 - Daemon has been converted to meet OS X Leopard's requirements
 - Installer silently removes any preexisting startup items from previous installations, or run the uninstallers if the previous version is v3.10 or later

3. Known Issues/Advisements

- Xtend SAN will not work with link local IPv6 addresses (these addresses are not routed) and auto discovery/login for IPv6 addresses
- Microsoft Windows Storage Server 2008 Targets will be discovered but connection will be dropped due to lack of support in Storage Server 2008 for mode sense(10) commands. Storage Server 2008 R2 has improved the interoperability with mode sense(10) and connections will not be dropped.
- This release supports OS X version 10.4.x and higher due to OS X API implementations.
- When using the Command Line Interface (CLI) it is possible to issue the loginTargets command multiple times to the same target. This will result in the OS X Disk Utility displaying the same target the amount of times that the loginTargets command was issued for that target. If these duplicate targets are accessed simultaneously from OS X this could cause system instability such as a hang or the inability to access storage. It is recommended to use the loginTargets CLI command once per target to avoid this issue.
- When using the Command Line interface (CLI) to log out of targets that perform redirection, the target supplied address must be used in the complimentary logoutTargets command, for example:
 - **Target:** "iqn.1995-12.com.attotech:example:sn-0123456789" at 192.168.0.1 redirected to 192.168.0.2 when a login if performed.
 - **Login command:** xtendsancli loginTargets --address 192.168.0.1 iqn.1995-12.com.attotech:example:sn-0123456789
 - **Logout command:** xtendsancli logoutTargets --address 192.168.0.2 iqn.1995-12.com.attotech:example:sn-0123456789
 - As you can see, since the login address of the original target was redirected, you must use the redirected target address in order to perform a logout
- On systems with a small amount of RAM, the maximum number of targets that can be handled is less than the supported maximum of 16
- The GUI does not launch if the Java Virtual Machine is not the latest available. There is no message that indicates that the JVM is not up to date.
- The uninstaller for versions prior to 3.10 cannot be run by the installer to clean-up the previous installation

4. Affected Products

Product Name	Associated SKUs
Xtend SAN	INIT-MAC0-001 INIT-MAC0-005 INIT-MAC0-010 INIT-MAC0-025 INIT-MAC0-050 INIT-MAC0-100

5. Contacting ATTO Support

ATTO Technology, Inc. is renowned for its technical support services. ATTO's goal is to provide you the quickest response possible for your technical support needs, and is available Monday-Friday, 8:00 AM to 8:00 PM EST (except holidays and plant closings).

ATTO Technical Support can be contacted via phone or email:

- Phone: 716.691.1999 ext. 242
- E-Mail: techsupport@attotech.com