



ATTO Technology, Inc.

Product Release Notes

Xtend SAN™ Mac OS® iSCSI Initiator Release v3.51

1. General Release Information

These product release notes define the changes, known issues and release details that apply to Xtend SAN™ iSCSI Initiator for Mac OS® version 3.51, released on September 20, 2016. This release applies to OS X® 10.9 and later, as well as macOS Sierra.

2. Changes

- **Version 3.51 (Released 9/20/2016)**
 - **New Features & Fixed Issues**
 - Added support for macOS Sierra
- **Version 3.50v2 (Release 10/1/2015)**
 - **New Features & Fixed Issues**
 - Mac OS X El Capitan (10.11) support
- **Version 3.45 v2 (Release 10/21/2014)**
 - **New Features & Fixed Issues**
 - Mac OS X Yosemite (10.10) support
 - The installer package has been digitally signed with ATTO's developer certificate so that it may be run if downloaded from the website.
 - The following apply to driver 3.45
 - **New Features & Fixed Issues**
 - Mac OS X Mavericks (10.9) support
 - Improved Auto Login support
 - Added ability to display version number from CLI
 - Now allows non-English characters for volume names
 - Fixed issue where the GUI doesn't update after target re-discovery
 - Fixed spelling errors in the GUI
- **Version 3.42 (Release 4/23/2013)**
 - **New Features & Fixed Issues**
 - Resolved an issue where a security update to Java on Mac OS X platforms caused a malfunction in the notification applet.
- **Version 3.40v2 (Release 7/25/2012)**
 - **New Features & Fixed Issues**
 - Added Mountain Lion support for Mac OS X (ver. 10.8.x).
 - The installer package has been digitally signed with ATTO's developer certificate so that it may be run if downloaded from the website.

- **Version 3.40 (Release 6/17/11)**
 - **New Features & Fixed Issues**
 - Added Lion support for Mac OS (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)**
 - **New Features & Fixed Issues**
 - 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 3.20 (Released 10/20/08)**
 - **New Features & Fixed Issues**
 - Added support for Digests (HeaderDigest and DataDigest) with error level 1 processing

- **Version 3.11 (Released 09/04/08)**
 - **New Features & Fixed Issues**
 - 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)**
 - **New Features & Fixed Issues**
 - 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

- The initiator may be erroneously setting the "Final" bit during a data transfer
- A kernel panic may occur if the driver is manually unloaded while a connection exists
- File system may hang when accessing iSCSI device
- Operating system hang when attempting to login to Microsoft 2012 iSCSI target (3rd party issue)
- Xtend SAN fails to login to a GlobalSAN target (3rd party issue)
- Xtend SAN is incompatible with Apple Xsan in OS X 10.8.x (workaround available)
- Xtend SAN CLI is unusable while the GUI is open
- Target drives become corrupt in Xtend SAN
- Saved session and connection settings cannot be viewed using the CLI
- Xtend SAN GUI status indicator light does not properly update
- IPv6 support will not function with link local addresses, as they're not routed & are local to the machine.
- Xtend SAN will not be able to present the devices to the operating system when connected to a target on a Microsoft Storage Server 2008 machine configured to use an IPv6 network.
- 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.

- On systems with a small amount of RAM, the maximum number of targets than can be handled is less than the supported maximum of 16.
- The GUI does not launch without the latest version of Java Virtual Machine. There is no warning message to indicate 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	SKU
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