



## Xtend SAN OS X iSCSI Initiator Release v3.50

### 1. General Release Information

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These product release notes define the changes, known issues and release details that apply to Xtend SAN iSCSI Initiator for OS X, version 3.50, released on 10/1/2015.

### 2. Changes

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- **Version 3.50 (Release 10/1/2015)**
  - The following apply to driver 3.50
  - **New Features & Fixed Issues**
    - Mac OS X El Capitan (10.11) support
- **Version 3.45 v2 (Release 10/21/2014)**
  - The following apply to driver 3.45 V2
  - **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.
- **Version 3.45 (Release 10/15/2013)**
  - 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)**
  - The following apply to driver 3.42
  - **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)**
  - The following apply to driver 3.40v2
  - **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)**
  - The following apply to driver v3.40
  - **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)**
  - The following apply to driver v3.30
  - **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 3.20 (Released 10/20/08)**
  - The following apply to driver 3.20
  - **Updated Features**
    - Added support for Digests (HeaderDigest and DataDigest) with error level 1 processing
- **Version 3.11 (Released 09/04/08)**
  - The following apply to driver 3.11
  - **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)**
  - The following apply to driver 3.10
  - **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

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- 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

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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

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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:

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