



# Release Notes of Open-E NAS-XSR Enterprise ver. 3.11 build 2522

2007.01.17

Open-E NAS-XSR Enterprise IMAGE update.  
It will work with all previous versions of Open-E NAS-XSR Enterprise

## Update Instructions:

**NOTE:** this update will **reset** all settings to **factory defaults** with the exception of IP addresses settings !

**Before Updating, all existing snapshots must be removed. You might have trouble to access your volumes after updating when you leave old snapshots on the server.**  
**To be sure, that no snapshot is active, please deactivate synchronization as well.**

Please write down the actual NAS server IP address and NAS server name. After having updated Open-E NAS-XSR, please re-enter both.

Please write down authorization settings.

Before Updating, please save “User & Groups”, “Shares” and “Assignments” under Menu: “maintenance” → “resources misc.” → in Function “Save resources”.

Please download and save NAS Server Logs:

Menu “status” → “hardware” in Function “Logs” click on “download” button, then save on your local HDD.

## There are different ways of updating NAS-XSR software:

### 1. Updating with online-update:

- In order to download a new online-update you need to be registered at [www.open-e.com](http://www.open-e.com).
- You also have to remember to set correct DNS and Gateway address in “setup” → “network” menu.
- Next under menu: “maintenance” → “update” in Function “Update downloader” press “apply” button.
- If update-file appears then you must mark it and press “Update” button, then confirm update when you will be asked. In case of a new update do as in previous updates.

**NOTE:** Some updates need a system restart. In this case you will be informed about needed restart by confirmation message.

## **2. Updating directly from administrator's PC:**

- Under menu: "maintenance" → "update" in Function "System software update" press "Browse" button and search previously downloaded ISO-file or update-file,
- Next you must mark it and press "Update" button and confirm update when you will be asked.

## **3. Updating from a share (on NAS-XSR server):**

- In resources menu create share "update" with default path,
- Copy update ISO-file or update-file into "update" folder with SMB, NFS or FTP etc. ,
- Under menu: "maintenance" → "update" in Function "System software update" this file will appear automatically,
- Next you must mark it (on the left) and press "Update" button and confirm update when you will be asked.

## **4. With update from ISO-image CD follow this steps:**

- The ISO-files which include in update file must be burned on a CD with your favorite Burning software. (For example: Nero Burning ROM - option: "Burn Image", etc.)
- Next please install CD-ROM as Secondary-Master and DOM (disk-on-module) as Primary-Master. USB CD-ROM can be used as well.
- Please set the BIOS to boot from CD-ROM drive.
- Then boot from the ISO-CD and wait until prompt: "Update complete, Please Remove CD and restart"
- After update, please reset the BIOS to boot from Primary-master HDD.

**NOTE:** Updating the system may take about 10 minutes !

## **Open-E Release Highlights:**

### **\* 2007-01-14 ver. 3.11 release**

#### **UPDATED:**

- Drivers and tools for 3ware RAID controllers (v9.4.0.1),
- Drivers for 10Gb Ethernet ( IXGB, v1.0.126),
- Intel E1000 drivers (v7.3.20).

#### **FIXED:**

- SNMPv3 daemon.

### **\* 2006-11-14 ver. 3.10 release**

#### **ADDED:**

- E-mail client with account authentication,
- E-mail client without account authentication for local e-mail server.

#### **UPDATED:**

- Drivers for Marvell 88SX50xx, 88SX60xx, 88SX70xx with HOTPLUG (BETA v.3.6.2),
- Improved email notification for software RAID.

#### **FIXED:**

- Local backup function (fixed problems with restore),
- Authentication method in case of using ftp and ldap.

### **\* 2006-10-25 ver. 3.10 release**

#### **ADDED:**

- Drivers for Myricom 10GB Ethernet adapter,
- Drivers for Promise EX163x0, EX83x0,
- Drivers for HighPoint RAID Controllers 3x20,
- Drivers for HighPoint SATA Controllers 2240,
- Support for Intel server SR2500ALLX (hardware monitor),
- "small update" support for USB version,
- 10 active snapshots per one Logical Volume and 20 overall active snapshots.

#### **UPDATED:**

- Drivers for Marvell 88SX50xx, 88SX60xx, 88SX70xx (EXPERIMENTAL),
- Drivers for Intel Ethernet adapters (e1000 v7.2.7),
- Drivers for 3ware RAID controllers (3w\_9xxx v9.3.0.7),
- Improved rescan functionality (support for all controllers with hot plug),
- Management tools for Areca RAID controllers,
- Support for symlinks within SMB share,
- New mechanism for drivers loading.

#### **FIXED:**

- NFS access mechanism (security),
- UPS functionality when using master-slave configuration,

- IP configuration for bonding (Bonding is limited to one bond at a time. It will be fixed in next releases).

## \* 2006-08-25 ver. 3.08 release

### ADDED:

- New module in Hardware Monitor function - Intel SSR212 2U.

### FIXED:

- Problem with login to WEBGUI,
- Problem with authentication method changing from external LDAP to Windows PDC,
- Connecting to multiple XSRs from one Apple machine,
- Unexpected error messages while CD-ROM installed.

### UPDATED:

- Support for more than 32 groups for one user.

### KNOWN ISSUES:

- Restoring shares / users & groups / assignments from "maintenance->Resources misc." may cause ADS Kerberos ticket stop to work and the system will require reboot,
- In case, the build-in iSCSI initiator is connected to iSCSI Target system which lost a LUN or a LUN was deleted or removed, the NAS will hang during reboot. Removing network cable (eth) is required in order to boot successfully.

## \* 2006-07-18 ver. 3.07 release

### ADDED:

- New module in Hardware Monitor function - IPMI (sensor),
- New functionality for ups (battery limit, ups shutdown after system shutdown),
- Minimum hardware requirement check.

### FIXED:

- Problem with setting port for WebGUI in function Administrator Access in same cases,
- Remote access to Intel / ICP vortex controller when connected to external LDAP.

### KNOWN ISSUES:

- Restoring shares / users & groups / assignments from "maintenance->Resources misc." may cause ADS Kerberos ticket stop to work and the system will require reboot,
- In case, the build-in iSCSI initiator is connected to iSCSI Target system which lost a LUN or a LUN was deleted or removed, the NAS will hang during reboot. Removing network cable (eth) is required in order to boot successfully.

## \* 2006-07-06 ver. 3.06 release

### FIXED:

- Delete log function (caused reject SMB connection),
- Server name function (problem with LDAP when no unit was added) - during configuration phase and still no logical volume defined, server rename caused halt of

- LDAP,
- LCD panel error display while network configuration,
  - Users/groups assignments for shares lost during broken connection to the ADS/PDC domain,
  - In some cases synchronization and backup status display all events,
  - No access via FTP to subdirectories with name same as logical volumes (lv00, lv01, ),
  - Assignments in case of removing users, groups or shares and creating ones with the same name.

#### KNOWN ISSUES:

- Restoring shares / users & groups / assignments from "maintenance- Resources misc." may cause ADS Kerberos ticket stop to work and the system will require reboot,
- In case, the build-in iSCSI initiator is connected to iSCSI Target system which lost a LUN or a LUN was deleted or removed, the NAS will hang during reboot. Removing network cable (eth) is required in order to boot successfully.

### **\* 2006-06-21 ver. 3.05 release**

#### ADDED:

- support for Intel 10Gbits Network Interface Cards,
- iSCSI initiator automatic unit rescan (rescan for vg and lv) during connection.

#### UPDATED:

- Chelsio 10Gb NIC driver 2.1.4a,
- Improved data protection in case of adding new unit,
- Improved rescan functionality in disk manager (rescan for vg and lv).

#### FIXED:

- Support for Xyratech Backplane,
- FTP support,
- "restore to factory configuration function" in console menu,
- Enqueued functionality in synchronize function,
- Manage snapshot in synchronize and backup functions.

### **\* 2006-06-09 ver. 3.05 release**

#### ADDED:

- iSCSI initiator automatic unit rescan (rescan for vg and lv) during connection.

#### FIXED:

- "restore to factory configuration function" in console menu,
- Enqueued functionality in synchronize function,
- Manage snapshot in synchronize and backup functions.

#### UPDATED:

- Improved data protection in case of adding new unit,
- Improved rescan functionality in disk manager (rescan for vg and lv).

## **\* 2006-06-09 ver. 3.04a release**

### **FIXED:**

- "restore to factory configuration function" in console menu.

## **\* 2006-05-11 ver. 3.04 release**

### **ADDED:**

- Support for Xyratex Backplane,
- Option to choose cdb or dbd database for apple shares,
- Power button function,
- Hardware Configuration Tool on console (ctrl+alt+w).

### **KNOWN ISSUES:**

- If you are running this version on C3 architecture please contact our [support](#).

## **\* 2006-04-20 ver. 3.01 release**

### **ADDED:**

- Software iSCSI Initiator,
- Support for C3 processors,
- Tuning options for nfs and disks,
- Motherboard monitor,
- Support for ATTO Fibre Channel Controllers,
- Option to hide system files from MAC OS.

### **UPDATED:**

- Better support for MAC OS (shares visible on MAC OS 10.4 in MAC OS GUI),
- Improvement logs for Software Raids,
- Improvement in SMART functions.

### **FIXED:**

- Keep active nfs connections(sessions) after restart.

### **KNOWN ISSUES:**

- iSCSI Initiator fully compatible with:
  1. Open-E iSCSI Target,
  2. Linux iSCSI Enterprise Target.

For more information, please refer to the Open-E NAS-XSR User Manual

Please download latest User Manual from the web:

[http://www.open-e.com/downloads/Manual/Manual\\_OE-NAS-XSR\\_ENTERPRISE\\_EN.pdf](http://www.open-e.com/downloads/Manual/Manual_OE-NAS-XSR_ENTERPRISE_EN.pdf)

If you encounter a problem or an issue with this release, please contact Open-E customer support on [support@open-e.com](mailto:support@open-e.com) or +49 (89) 800777-16.