

New Release and Update Information

Firmware Core: 3.49A72

Compatible RAIDWatch version: RAIDWatch 2.3.G

1. New Features:

1. LUN masking (for Europe and APO)
2. Mutual CHAP
3. Jumbo Frames support (all network devices within an iSCSI network should support Jumbo Frames)
4. Access Control List via IQN/IP address
5. AV Optimization support
6. Max. HDD Response Time
7. SATA drive spindown support for D2D backup
8. Media error event enhancement
9. Enclosure Spare (equal to Global spare for iSCSI subsystems)
10. SATA drive S.M.A.R.T. support
11. SATA drive NCQ support

2. Enhancement:

1. 512/1024KB stripe size support
2. Configurable SATA drive delay write (default is enabled)
3. System password as an option when restoring firmware defaults
4. Variant logical configurations per DIMM capacity
5. Event log in reserved space
6. 32 bytes length for controller name and password

3. List of Problems Fixed:

1. The IP address of the first iSCSI host port (CH0) should also be displayed when a RAIDWatch management session is made through an alternate Ethernet port (CH1). This occurs when using RAIDWatch's Auto-discovery function.

2. Fixed the bug that caused server-side clustering to malfunction in the event when one of the clustered server is down.

4. Known Issues

- N/A

5. Applicable Products

Firmware 3.49A12 is applicable to the following subsystems:

Models	Corresponding Binary
EonStor A12E-G2121-2	FA349A12_903_IFT_ESA12EG21212.BIN

6. Firmware Release History

Models	Previous Firmware Version
EonStor A12E-G2121-2	3.42F08 → 3.42G02 → 3.49A12