

Proware Technology Corp.  
 Technical Support Team  
 Firmware Release Notes

**Model: SAS to SAS 16 / 12 CHL. (I81341)(8360)**  
**For: SB-3163S-S3S3 / SB-2123-S3S3 series.**

**Important notes:**

- 1. Please update BOOT module first.**
  - (1) Upgrade Boot module: 8360BOOTxxxxx.bin**
  - (2) Upgrade firmware: 8360xxxxxx.bin**

	<b>Previous Version</b>	<b>New Version</b>
<b>Version</b>	<b>1.45 080813</b>	<b>1.46 090106</b>
<b>Boot Code Version</b>	<b>1.45 080813</b>	<b>1.46 090106</b>
<b>Release Date</b>		<b>April 24, 2009</b>
<b>New</b>		1. Added 4G cache support. (PCBA 2.x).
<b>Fixed</b>		1. Fixed NTP error after 2009. 2. Fixed Solaris 10 inquiry page 0x83 issue. 3. Fixed Solaris LBA overflow issue. 4. Fixed set NTP Server do not get NTP time immediately. 5. Improved SNMP agent request overflow issue. 6. Exclude super password via TELNET for security reason. 7. Fixed timeout checking for SAS in heavy loading.
<b>Modification</b>		1. Modified the LOGIN event from ERROR to WARNING. 2. Request HTTP Login time every 12 hours if Ethernet is not linked or NTP server is not set. 3. Improve speed of deleting Raid Set with many volumes.
<b>Removed</b>		