

# SFA14K™

## Mandatory Upgrades to BIOS 022A & BMC 00.54

### Action Required

New releases of BIOS and BMC processor firmware are now available and upgrades are **MANDATORY** for all storage arrays in the SFA14K family.

- **BIOS 022A** changed a cache snooping algorithm to address an issue with Intel QPI (QuickPath Interconnect) data transfers that affects SFA14K performance. The upgrade kit file name for BIOS 022A is `sfa14k-bios-022A-v3-kit.tgz`.
- **BMC 00.54** added a feature that keeps the system alive during a BMC (baseboard management controller) reboot. In addition, the BMC 00.54 upgrade kit includes firmware updates for the power CPLD (complex programmable logic device) to version 02.04 and the PSoC (programmable system-on-chip, an analog coprocessor) to version 2.20. The upgrade kit file name for BMC 00.54 is `sfa14k-bmc-00.54-no-preserve-v1-kit.tgz`.

---

**ALERT!** *CPLD 1.08 or newer is a prerequisite* for the BMC 00.54 upgrade. Use the `show enclosure all` command to determine what version of the CPLD firmware is currently installed on your system before upgrading.

---

All SFA14K customers should contact DDN Support and request a BIOS/BMC upgrade plan at their earliest convenience.

### Affected Products

All members of the SFA14K storage array family — including the SFA14K, SFA14KE, SFA14KX, and SFA14KXE — are affected by this mandatory upgrade requirement.

## Contacting DDN Technical Support

Please contact DDN Technical Support at any time if you have questions or require assistance. Support can be reached by phone, by email, or on the web as listed below.

### Web

*DDN Community Support Portal  
Portal Assistance*

<https://community.ddn.com/login>  
[webportal.support@ddn.com](mailto:webportal.support@ddn.com)

### Telephone

*DDN Support Worldwide Directory*

<http://www.ddn.com/support/contact-support>

### Email

*Support Email*

[support@ddn.com](mailto:support@ddn.com)

### Bulletins

*Support Bulletins*

*End-of-Life Notices*

*Bulletin Subscription Requests*

<http://www.ddn.com/support/technical-support-bulletins>

<http://www.ddn.com/support/end-of-life-notices>

[support-tsb@ddn.com](mailto:support-tsb@ddn.com)