



Important firmware information

This *Technical Update* supplements the documentation that comes with the server. Keep this document with your server documentation.

This latest BladeCenter H unit supports most blade servers. The power permission for the blade server can be denied by the Advanced Management Module (AMM) in blade servers such as HS23 or HX5 if the service processor firmware has not been updated to the latest level. The LED on the front of the blade server can flash rapidly when the power permission is not granted. The LED can continue to flash not allowing the blade server to re-initialize.

Attention: Update the blade service processor firmware (either IMM1 or IMM2) to the latest level.

Intel processor-based blades

You can still update the service processor firmware to the latest level when the blade server is not powered on. To download the latest service processor firmware (IMM1 or IMM2) for the blade server, go to <http://www.ibm.com/supportportal/>. Download the latest firmware for the blade server. Install the updates, using the instructions that are included in the downloaded files.

See *BladeCenter Advanced Management Module User's Guide* at <http://www.ibm.com/support/entry/portal/docdisplay?lnocid=MIGR-5073887&brandind=5000020>. Follow steps described in **Chapter 3. Management-module web interface → Management-module web interface options → Blade Tasks → Firmware Update**. The power permission issue should be resolved with the latest service processor firmware (IMM1 or IMM2) for your blade server.

Power Blades

Note: The power blade system firmware must be updated in a BladeCenter H unit with a hardware version of the midplane v8 or earlier before moving into the BladeCenter H unit chassis with a hardware version of the midplane v11 or later.

POWER7-based blades (PS700, PS701, PS702, PS703, and PS704):

The system firmware must be updated to the 01AA730_099 version level or above, which is scheduled to be released on the web in October, 2012.

Follow the steps in the power blade server's *Installation and Users Guide* to update the system firmware

For power blades that are managed by the Systems Director Management Console (SDMC), see *IBM eServer OnDemand document 597368299, Concurrent Server Firmware Update* at <http://www-01.ibm.com/support/docview.wss?uid=nas7a6f850e0a25828ce8625789000789e9a>.

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