

EXTENDING THE LIFE OF YOUR INTERNAL CACHE BATTERIES

This instruction sheet explains how to disable your internal cache batteries to prevent accidental discharge when your HSx30, HSx40 or the SWXRC-04 controller is turned off for longer than one day.

DISMOUNTING THE DEVICES

Stop all host activity and dismount all device units from the host system. The device is disabled for the duration of this procedure.

1. Unlock and open the cabinet doors.
2. Connect a maintenance terminal to the controller's maintenance terminal port on the front bezel.
3. Take the controller out of service by issuing the following CLI command:

\$ SHUTDOWN THIS_CONTROLLER

For dual-redundant configurations, shut down both controllers:

\$ SHUTDOWN OTHER_CONTROLLER

\$ SHUTDOWN THIS_CONTROLLER

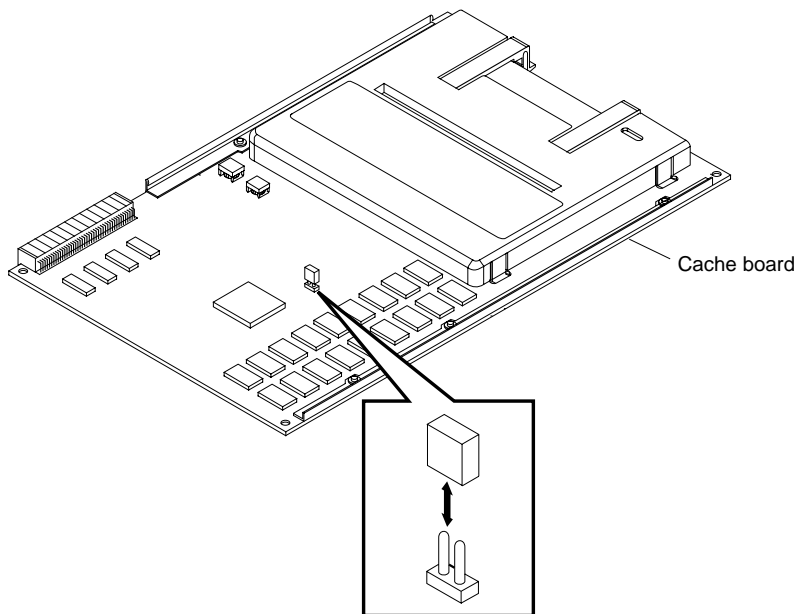
4. After the shutdown routine is complete, the green reset LED on the controller's operator control panel (OCP) stops blinking.
5. Terminate power to the entire storage subsystem and follow the rest of the instructions.

DISABLING THE INTERNAL CACHE BATTERIES

Caution The internal cache batteries are high-energy devices. Follow these precautions to prevent damage to internal cache batteries:

- Do not allow the battery tabs to contact any conductive surfaces to prevent damage to the equipment.
- Do not place the cache module on any conductive surface.

Figure 1 Cache Module Battery-Disable Jumper Location



1. Remove the controller from the controller shelf.
2. Remove the controller from the controller shelf.

Warning When removing the controller from its shelf, follow standard practices for protect yourself and the controller from accidental electro-static discharge.

3. Remove the cache module from the controller shelf.
4. Position the battery-disable jumper shown in Figure 1 so that both pins on the printed-circuit board are covered. The cache batteries are now disabled and are no longer supplying power to the cache module.
5. Replace the cache module.
6. Replace the controller.

Note Follow the above procedures when you want to enable the cache batteries. At step 4, position the jumper so that it is covering only one pin.

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