
EXTENDING THE LIFE OF YOUR CACHE BATTERIES

If you are shutting down your HSZ20 or the SC-4200 subsystem for longer than one day, follow these instructions to prevent the write-back cache batteries from discharging.

DISMOUNT THE DEVICES

1. Stop all host activity and dismount all device units from the host system. Device service is interrupted for the duration of the service cycle. A shutdown of the host operating system is one way of achieving this step.
2. Unlock and open the cabinet doors.
3. Connect a maintenance terminal to the controller's maintenance terminal port on the front bezel, or on the HSZ20, to the vertical DB9 connector on the rear of the RAID310 cabinet.

Take the controller out of service by issuing the following CLI command:

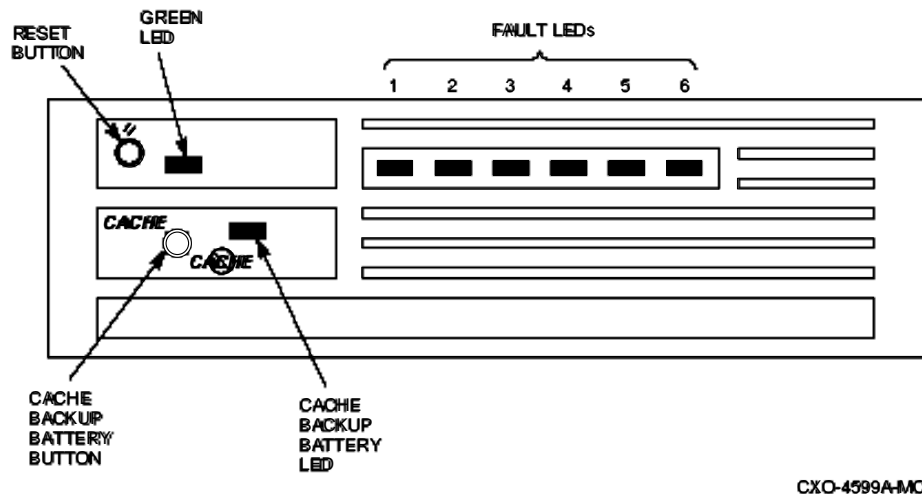
\$ SHUTDOWN THIS_CONTROLLER

When shutdown completes, the controller's green reset LED on the operator control panel (OCP) stops blinking.

4. Power off the entire storage subsystem and follow the rest of the instructions for the specific controller you are shutting down.

DISABLING THE CACHE BATTERY

Figure 1 Cache Battery Disable Switch Location



5. After power is off, using the point of a pen, press the small button next to the flashing cache-battery-backup LED on the controller and hold it in for approximately 2 seconds. The cache LED will shut off.

The battery is no longer powering the cache.

6. To return to normal operation, power on the storage subsystem, expansion chassis first if one is present. This will automatically enable the cache battery.