

Why does my HPE smart array controller display a post error?

Reinstall the driver. Any server configured with an HPE Smart Storage Battery for HPE Smart Array Controllers might display a POST error message stating that the cache module or the HPE Smart Storage Battery failed. Cause The HPE Smart Storage Battery discharged to a threshold where it is permanently disabled and must be replaced.

Why is my HPE Smart Storage Battery not working?

HPE Smart Storage Battery issues for Smart Array controllers Symptom o The battery is not recognized. o The battery is not charging. o The battery or cache module is reported as failed. Cause o The battery is unsupported on this server.

How long does it take HPE Smart Storage Battery to charge?

Do one of the following: o Ensure that the HPE Smart Storage Battery is fully charged. It may take up to 120 minutes in a powered server or chassis for the HPE Smart Storage Battery to charge to support the number of battery-backed devices in the server or chassis.

Why is my smart array P440 cache disabled?

856 - The cache for Smart Array P440 in Slot 4 is disabled due to a cable error from the Smart Storage Battery. We have replaced the battery which also has a new cable. We've left it for multiple days now to see if it's the charge but the error remains.

What is smart update manager sum?

Smart Update Manager SUM is an innovative tool for maintaining and updating the firmware, drivers, and system software of HPE ProLiant, HPE BladeSystem, HPE Synergy, HPE Apollo, and HPE Moonshot servers, infrastructure, and associated options. SUM does not support third-party controllers, including flashing hard drives behind the controllers.

What is a battery backed write cache (BBWC)?

It's not directly part of the Smart Array controller. These batteries consist of two 18650 cells in a separate holder, located behind the front drive cage and connected to the mainboard. It performs a similar role to what HP (and others) used to call the battery backed write cache (BBWC) and then flash backed write cache (FBWC) though.

Aside from that issue, you have a problem with the server's Smart Storage Battery. In many cases, array acceleration and some other critical features rely on that battery to function properly. If the POST errors are ...

Front panel LED power fault codes The following table provides a list of power fault codes, and the subsystems that are affected. ... HPE Smart Storage battery is a critical component required to perform the

backup functionality of ...

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HPE 96W Smart Storage Lithium-ion Battery with 260mm Cable Kit . HPE 12W Smart Storage Battery. P01367-B21. 782961-B21. Hybrid Capacitors . HPE Smart Storage Hybrid Capacitor with 145mm Cable Kit. ...

The warning was "Smart Storage Battery failure (Battery 1, service information: 0x0A). Action: Gather AHS log and contact Support" The server did not shutdown, I think because the write caching was not active. I replaced the faulty battery. Then I just took the module apart, checked each cell (two 18650 cells) and one was completely empty.

Any HPE ProLiant Gen9 server configured with an HPE Smart Storage Battery for HPE Smart Array Controllers or NVDIMMs receives a POST error message or an IML ...

Table of contents. Illustrated parts catalog. Mechanical components. ... Front panel LED power fault codes. Systems Insight Display LEDs. Systems Insight Display combined LED descriptions. ... HPE Smart Storage Battery: 878643-001: Related Products. HPE ProLiant DL380 Gen10 Plus ...

I would check the plug, yes. Reading up on other battery modules suggests a voltage of 3.6V. Don't take that as gospel though, it was for older models.

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Page 39: Smart Storage Battery Holder Remove the Smart Storage Battery ("Smart Storage Battery" on page 38). To replace the component, reverse the removal procedure. Smart Storage Battery holder WARNING: To reduce the ...

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