

## Data ONTAP® 8.0 Event-triggered Autosupport messages

The following table provides a complete list of AutoSupport messages for Data ONTAP 8.0 release family. Some messages may not apply to all versions. Message titles are listed in alphabetical order based on alphabetic characters only. Spaces, underscores, and other non-alphabetic characters were ignored for alphabetizing purposes.

Event: Subject line of AutoSupport email message	Description
AGGREGATE INCONSISTENT AND TAKEN OFFLINE	WAFL has detected an inconsistency and taken the aggregate offline.
BATTERY_LOW	The NVRAM battery is below charge. A power loss could data loss.
BATTERY OVERCHARGED	The NVRAM battery has been overcharged and may fail shortly.
BATTERY OVERTEMP	The NVRAM battery is over temperature and may fail shortly.
BMC_EVENT: BUS ERROR	A Baseboard Management Controller event has been detected.
BMC_EVENT: POST ERROR	A Baseboard Management Controller event has been detected (post).
BMC HBT STOPPED	Baseboard Management Controller may have failed. Communication lost to it.
BOOTFS CHKDSK	The boot media (i.e. compact flash) is inconsistent and may need replacement.
CHASSIS FAN FAIL: %s	Chassis fan has failed and should be replaced.
CHASSIS FAN FRU DEGRADED: %s	CPU fan is degraded and may need to be replaced.
CHASSIS FAN FRU FAILED: %s	Chassis fan has failed and should be replaced.
CHASSIS FAN FRU REMOVED: %s	Chassis fan has been removed and should be re-installed.
CHASSIS OVER TEMPERATURE	Chassis temperature is too high; The system controller environment should be reviewed.
CHASSIS OVER TEMPERATURE SHUTDOWN	Chassis temperature is too high; The system controller will shutdown momentarily.
CHASSIS POWER DEGRADED: %s	Degraded power: caused by bad power supplies, bad wall power, or bad components on the motherboard.
CHASSIS POWER SHUTDOWN	Electrical power too low to chassis; The system controller will shutdown momentarily.
CHASSIS POWER SUPPLIES MISMATCH	Power supply inserted does not match the chassis.
CHASSIS POWER SUPPLY DEGRADED: PS %d	Power supply may need to be replaced.
CHASSIS POWER SUPPLY %d: Incompatible external power source	External electrical power is incompatible with the chassis.
CHASSIS POWER SUPPLY %d REMOVED: System will be shutdown in %d minutes	Electrical power too low to chassis; The system controller has started shutdown.

CHASSIS POWER SUPPLY FAIL: PS %d	One power supply unit (PSU) has failed and should be replaced.
CHASSIS POWER SUPPLY OFF: PS %d	One power supply unit (PSU) has been turned off and should be turned back on.
CHASSIS POWER SUPPLY OK: PS %d	One power supply unit (PSU) has returned to normal operations.
CHASSIS POWER SUPPLY REMOVED: PS %d	One power supply unit (PSU) has been removed and should be re-installed.
CHASSIS UNDER TEMPERATURE	Chassis temperature is too low; The system controller environment should be reviewed.
CHASSIS UNDER TEMPERATURE SHUTDOWN	Chassis temperature is too low; The system controller will shutdown momentarily.
CHECK REMOTE MANAGEMENT CONTROLLER'S INTERNAL CABLE	Remote Management Controller internal cable has been disconnected.
CHECKSUM ERROR	RAID level checksum is incorrect. Disk subsystem should be checked.
CHECKSUM ERROR (multiple disks)	Multiple disk RAID level checksum is incorrect. Disk subsystem(s) should be checked.
CLIENT APP ALERT %s	Remote client has triggered an ALERT level AutoSupport.
CLIENT APP CRITICAL %s	Remote client has triggered an CRITICAL level AutoSupport.
CLIENT APP DEBUG %s	Remote client has triggered an DEBUG level AutoSupport.
CLIENT APP EMERGENCY %s	Remote client has triggered an EMERGENCY level AutoSupport.
CLIENT APP ERROR %s	Remote client has triggered an ERROR level AutoSupport.
CLIENT APP INFO %s	Remote client has triggered an INFO level AutoSupport.
CLIENT APP NOTICE %s	Remote client has triggered an NOTICE level AutoSupport.
CLIENT APP WARNING %s	Remote client has triggered an WARNING level AutoSupport.
CLUSTER DOWNREV BOOT FIRMWARE	Open Firmware (OFM) version is outdated.
CLUSTER ERROR: DISK/SHELF COUNT MISMATCH	High-Availability (HA) storage takeover was configured incorrectly (e.g. mis-matched number of disks, bad wiring, bad adapter, bad loop, bad cable, etc.)
CLUSTER TAKEOVER COMPLETE	High-Availability (HA) storage takeover was successful. The takeover could be automatic (i.e. other node died) or manual.
CLUSTER TAKEOVER COMPLETE AUTOMATIC	Automatic High-Availability (HA) storage takeover of partner was successful.
CLUSTER TAKEOVER COMPLETE MANUAL	Manual High-Availability (HA) storage takeover of partner was successful.
CLUSTER TAKEOVER COMPLETE PANIC	Automatic High-Availability (HA) storage takeover of partner was successful after a panic
CLUSTER TAKEOVER FAILED	High-Availability (HA) storage takeover of partner did not succeed.
CONFIGURATION_ERROR	Fibre Channel disk shelf configuration error has occurred.
CPU FAN FAIL: CPU %d	CPU fan has failed and needs to be replaced.
CPU FAN WARNING: CPU %d	CPU fan is spinning either too fast or too slow.

DAFS VI NIC HALTED - DAFS SERVICE MAY BE INACCESSIBLE	A DAFS NIC has failed.
DEVICE_QUALIFICATION_FAILED	A device qualification error has occurred.
DISK BAD LABEL	A disk drive of undetermined type (volume or hot spare) has failed due to unexpected RAID metadata.
DISK BAD LABEL VERSION	A disk drive of undetermined type (data or spare) has failed due to an inconsistent version number between its RAID metadata and Data ONTAP version installed on this system.
DISK CONFIGURATION ERROR	A disk drive or connection to it is misconfigured.
DISK_FAIL - Bypassed by ESH	A disk drive failure has occurred, and the Embedded Switched Hub has removed the disk from the loop electronically .
DISK_FAIL - Disabled by IOM	A disk drive failure in a RAID group; storage system is running in a degraded mode with no redundancy.
DISK FAILED	A disk drive has failed.
DISK_FAILURE_PREDICTED	Storage Health Monitor has detected that a disk fail is about to occur.
DISK_FIRMWARE_NEEDED_UPDATE	Disk driver subsystem has detected an outdated disk firmware.
DISK INIT FAILED	A disk drive failed to initialize.
DISK_IO_DEGRADED	Storage Health Monitor has detected that disk I/O operations are taking too long to complete.
DISK LABELLED BROKEN	A disk drive has been labeled "broken".
DISK_LOW_THRUPUT	Storage Health Monitor has detected low disk throughput.
DISK MISSING	A disk drive is missing, unresponsive or not seen in Fibre Channel connectivity information.
DISK NOT RESPONDING	A disk drive is not responding.
DISK NOT SPINNING	A disk drive is not spinning up.
DISK RAWSIZE SHRANK	A disk drive of undetermined type (volume or hot spare) has failed because its raw capacity has been downsized during firmware change.
DISK_RECOVERED_ERRORS	Storage Health Monitor has detected a SCSI sense error.
DISK SCRUB CHECKSUM ERROR	The weekly scheduled disk scrub has detected incorrect checksums.
DISK SCRUB COMPLETED (bypassing media errors)	A disk scrub has finished after possibly performing some corrections.
DISK SCRUB PARITY INCONSISTENCY	A disk scrub has detected parity inconsistencies.
DISK SCRUB SUMMARY - no customer action required	A disk scrub has completed normally.
DRIVE NHT DATA	One or more weekly deliveries of NetApp Health Trigger (NHT) information.
EMS TRIGGERED (%s)	The Event Message System (EMS) has triggered an AutoSupport.
ENCLOSURE SERVICES ACCESS ERROR	One or more communication paths to disk shelf enclosure services is unresponsive. Disk shelf environmental conditions are unknown.

Exceeded maximum capacity	Maximum aggregated raw disk capacity is beyond the maximum size supported by this release of Data ONTAP.
EXTERNAL CACHE FAILURE	The external memory cache used to increase performance is no longer working.
FC-AL LINK_FAILURE	Fibre Channel arbitrated loop has link errors.
FC-AL RECOVERABLE ERRORS	The Fibre Channel arbitrated loop has been determined to be unreliable. The link errors are recoverable in the sense that the system is still up and running.
FCP PARTNER PATH MISCONFIGURED	Fibre Channel data access over a non-primary path has been detected; possible misconfiguration.
FCP SRAM DUMP	Fibre Channel controller SRAM memory has been recorded to disk.
FILER SCSI TARGET MISCONFIGURED	LUN mapping or igrp type misconfiguration has been detected.
FILESYSTEM DISK ADMIN FAILED	A file system disk has been failed by the administrator.
FILESYSTEM DISK BAD LABEL	A file system disk has failed due to unexpected RAID metadata.
FILESYSTEM DISK BAD LABEL VERSION	A file system disk has failed due to inconsistent version number between its RAID metadata and Data ONTAP version installed on this system.
FILESYSTEM DISK FAILED	A file system disk has failed.
FILESYSTEM DISK MISSING	A file system disk is missing.
FILESYSTEM DISK NOT RESPONDING	A file system disk is not responding.
FILESYSTEM DISK RAWSIZE SHRANK	A volume disk has failed because its raw capacity has been downsized during firmware change.
FXDISK (asup_check fix disk)	One of the three possible "fix disk" errors has occurred: high error count, broken, or medium error.
HOST_PORT_FAIL - Bypassed by ESH	A host port has been bypassed due to some reason.
HOST_PORT_FAIL - Disabled by IOM	A host port has been disabled due to some reason.
ISCSI HBA CRASH	Fibre Channel Host Bus Adapter (HBA) has stopped or crashed.
LUN OUT OF SPACE	LUN out of space
MANAGEMENT_LOG	Daily or frequent delivery of management subsystem event logs.
MAXIMUM EXITS THRESHOLD OF A PROCESS MANAGED BY SPM IS REACHED	The restart threshold has been exceeded for a number of internal systems. Operations may be impaired.
MEDIUM ERROR DURING RECONSTRUCTION (volume restricted)	A medium error occurred during reconstruction. The aggregate or volume is restricted, and the reconstruction will bypass media errors.
MEDIUM ERROR DURING RECONSTRUCTION (wafliron started)	A medium error occurred during reconstruction. Wafliron was started, and the reconstruction proceeded bypassing media errors.
micro-core.	When an in occurs, a micro core is generated and sent to NetApp via Autosupport.

mini-core.	When a panic occurs, a mini core is generated and send to NetApp via Autosupport.
MULTIPLE CHASSIS FAN FAILED: System will shut down in %d minutes	Multiple chassis fans have failed. Controller shutdown has started.
MULTIPLE DISKS MISSING	Multiple disk drives have been detected as missing. Possible communication or configuration problems.
MULTIPLE FAN FAILURE	Multiple fans have failed.
MULTIPLE POWER SUPPLY FANS FAILED: System will shut down in %d minutes	Multiple chassis power supply fans have failed. Controller shutdown has started.
NVMEM VOLTAGE HIGH	NVRAM supply voltage is high.
NVMEM VOLTAGE LOW	NVRAM supply voltage is low.
ONTAP REBOOTED DURING RLM FIRMWARE UPDATE	Data ONTAP rebooted during a RLM (Remote LAN Manager) firmware change.
OUT OF INODES	The file system is out of inodes.
PAM II DEGRADED	The offline memory in the Flash Management Module (FMM) is too high and should be repaired or replaced.
PAM II FAILED	Flash Management Module (FMM) did not initialize and should be repaired or replaced.
PAM II OFFLINE	Flash Management Module (FMM) is offline and should be repaired or replaced.
PARTNER DOWN, TAKEOVER IMPOSSIBLE	High-availability storage partner is down; cluster takeover cannot begin.
PERFORMANCE DATA	Weekly delivery of performance information.
PERFORMANCE SNAPSHOT	Performance information delivery done 5 or more minutes after boot.
POSSIBLE BAD RAM	Correctable ECC errors are masked off. This is an indicator of bad memory, poorly seated memory, or faulty motherboard.
POSSIBLE UNLINKED INODE	Current release of Data ONTAP has found a file (inode) in an unexpected state.
POWER_SUPPLY_DEGRADED	Degraded power: caused by bad power supplies, bad wall power, or bad components on the motherboard.
RAID DETECTED UNRECOVERABLE ERRORS	RAID level recovery can not be completed. There are too many problems.
RAIDTREE ASSIMILATION FAILED	Too many problems were found during RAID discovery and configuration of an aggregate..
RAID VOLUME FAILED	A RAID level volume can not be brought online because of other problems such as missing disk drives.
REBOOT	System controller was rebooted.
REBOOT (abnormal)	Remote LAN Module (RLM) detected an abnormal system controller reboot.
REBOOT (after entering firmware)	System controller rebooted after loading firmware.
REBOOT (after giveback)	A failed partner rebooted after a successful High-Availability storage giveback.
REBOOT (after WAFL_check)	System rebooted after running WAFL_check (wack).

REBOOT (agent watchdog reset)	System was rebooted due to a (redundant) watchdog timer reset.
REBOOT (CLUSTER TAKEOVER)	Cluster takeover of a failed filer has occurred.
REBOOT (CLUSTER TAKEOVER ON PANIC)	Cluster takeover of a failed filer has occurred because of a partner panic.
REBOOT (halt command)	System was rebooted due to the CLI "halt" command.
REBOOT (internal halt)	System was rebooted due to an internal "halt" command.
REBOOT (internal reboot)	System was rebooted due to internal reboot.
REBOOT (panic)	System rebooted after a panic.
REBOOT (power glitch)	System was rebooted due to power glitches.
REBOOT (power on)	System was powered off and then on again
REBOOT (reboot command)	System was rebooted due to the CLI "reboot" command.
REBOOT (RLM system reset)	System rebooted, via the RLM 'system reset' command.
REBOOT (watchdog reset)	System was rebooted due to a (primary) watchdog timer reset.
REPLACE REMOTE LAN MANAGER CONTROLLER	RLM is bad and needs to be replaced.
REPLACE REMOTE MANAGEMENT CONTROLLER	RMC is bad and needs to be replaced.
RLM HEARTBEAT STOPPED	Data ONTAP is not getting any heartbeat from RLM.
RTC BATTERY LOW	The voltage for the Real Time Clock battery is low.
SCHEDULED SNAPSHOT CREATE FAILED	Scheduled snapshot creation has failed.
SHELF COOLING UNIT FAILED	(Critical) Shelf fan has failed, and the shelf must be powered off to prevent damage.
SHELF COOLING UNIT FAILED	(Warning) Shelf fan has failed.
SHELF_FAULT	A disk shelf error has occurred.
SHELF OVER TEMPERATURE	Shelf has overheated and must be powered off to prevent damage.
SHELF POWER INTERRUPTED	A disk shelf has a power failure critical condition.
SHELF POWER SUPPLY WARNING	A disk shelf has a power failure critical condition.
SHUTDOWN PENDING (degraded mode)	The system is in degraded mode. If system remains in degraded mode, system will be shut down after the raid.timeout period.
SNAPLOCK DISKS IN UNSUPPORTED RELEASE	A SnapLock disk is attached to the system running a release of Data ONTAP that doesn't support SnapLock.
SNAPVALIDATOR ERROR PREVENTED	A SnapValidator enabled volume failed to be validated and was rejected by the server.
SNMP USER DEFINED TRAP	A customer defined SNMP trap has triggered an AutoSupport.
SPARE DISK ADMIN REMOVED	A hot spare disk has been failed by the administrator.
SPARE DISK BAD LABEL	A hot spare disk has failed due to unexpected RAID metadata.
SPARE DISK BAD LABEL VERSION	A hot spare disk has failed due to inconsistent version number between its RAID metadata and the Data ONTAP installed on the system.
SPARE DISK FAILED	A spare disk failure has occurred.

SPARE DISK MISSING	A hot spare disk is missing.
SPARE DISK NOT RESPONDING	A hot spare disk not responding.
SPARE DISK RAWSIZE SHRANK	A hot spare disk failed due to raw capacity downsizing during firmware change.
SPARES LOW	Number of available hot spare disks is running low.
SP HBT STOPPED	Data ONTAP is not getting any heartbeat from SP (Service Processor).
SRAM PARITY ERRORS ON FIBRE CHANNEL ADAPTER - replace adapter	Another Static Random Access Memory (SRAM) error has been detected within 30 days. The SRAM should be repaired or replaced.
SYNCMIRROR FAULT ISOLATION	SyncMirror has non-fault-isolated plexes.
SYNCMIRROR PLEX FAILED	A SyncMirror plex has failed.
SYNCMIRROR SNAPSHOTS NOT ROTATING PROPERLY (aggregate full)	SyncMirror operation can not be completed. Aggregate is out of space or other problems exist and should be repaired.
SYNCMIRROR VERIFY FAILED	A SyncMirror verify has failed.
SYSTEM CONFIGURATION ERROR	An incorrect system hardware configuration or internal error was detected.
SYSTEM CONFIGURATION WARNING	An incorrect system hardware configuration or internal error was detected.
UPS LINE POWER RESTORED	External electrical power for a UPS system has returned to normal.
UPS LOW BATTERY	Battery power for a UPS system is running low.
UPS ON BATTERY	External electrical power for a UPS system has failed, and the system is running on the battery.
UPS PWR GOOD CRITICAL BATTERY	External electrical power for a UPS system has returned to normal. Battery power is critical however.
UPS PWR GOOD LOW BATTERY	External electrical power for a UPS system has returned to normal. Battery power is low however.
UPS SHUTTING DOWN	Battery power for a UPS system has failed, and the system is shutting down.
USER_TRIGGERED (%s)	Customer triggered AutoSupport has been done.
VOLUME INCONSISTENT AND TAKEN OFFLINE	A WAFL volume has been detected as inconsistent and taken offline.
WAFL_check	WAFL_check (wack) has been executed.
WAFL INCONSISTENT	A volume has been found to be in the WAFL inconsistent state.
WAFLIRON CHANGES PENDING	WAFL IRON has pending changes to be made.
WAFL IRON COMPLETED	WAFL IRON has completed its work.
WEEKLY_LOG	Weekly delivery of system configuration information and system event logs.

**NOTE:** In some releases, messages may be followed by exclamations (!!!), although they may be missing from the messages in the above table. Exclamations are not representative of the severity of the problem.