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HITACHI エンタープライズサーバ EP8000 シリーズ マシンコード来歴

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Atape driver変更内容と来歴

【AIX サポートバージョン】

AIX のバージョンによって、サポートされる Atape driver のバージョンが異なります。
以下に示す組み合わせで Atape driver を使用してください。

AIX バージョン	Atape driver バージョン
AIX7.3 01-00 (7300-00) 以上	13.0.46.0 以上
AIX7.2 01-05, 01-05-/x (7200-05)	13.0.44.0 以上
AIX7.2 01-04, 01-04-/x (7200-04)	13.0.41.0 以上
AIX7.2 01-04 (7200-04) 未満	13.0.22.0 以上
AIX7.1	13.0.1.0 以上
AIX6.1	13.0.1.0~13.0.46.0

【サポートサーバ】

Atape.driver バージョン 13.0.46.0 は、POWER9 サーバ以前のサーバをサポートします。
Power10 サーバ (THE-C910541B830, THE-C910542A634, THE-C9043MRX1233) では、Atape driver バージョン 14.0.5.0 以上を使用してください。

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Atape driver 変更内容と来歴

13.0.46.0	<ul style="list-style-type: none"> (1) Support for AIX 7.3 on Power Systems P (2) AIX panic due to stack overflow during the error recovery (3) Limit on the number of control paths for hardware error in Control Path Failover(CPF) (4) CPF for sense key/ASC/ASCQ 0x2/0x0401 (LUN Is in Process of Becoming Ready) after retry (5) Correct return for few retried Inquiry pages or Mode Sense commands in error recovery (6) AIX panic after to detect an un-initial device and assign an errno to a NULL pointer
13.0.44.0	<ul style="list-style-type: none"> (1) Initial support for LTO-9 tape drives (2) Control path failover for sense key/ASC/ASCQ 0x2/0x0412 (LUN not ready, offline) (3) Allow to read and write the large data calling readx() and writex() (4) Log the process name and parent ID in Atape trace log (5) Support for AIX 7.2 TL5 on System p and Power Systems

13.0.41.0	<ul style="list-style-type: none"> (1) Fix invalid error in Set Density ioctl when data safe mode is enable (2) Add a NULL check for Atape lpp ID odm (3) Fix Atape uninstall cause odm corruption (4) Automatic and dynamic command timeout retrieval for LTO (5) No swap control path in PASSTHRU_COMMAND ioctl call for Log Sense command (6) Update Long Erase timeout values on LTO-8 tape drives (7) Retry abort SCSI command with ASC-ASCQ 0x2907 when CPF isn't enable (8) Update ASC/ASCQ table in sense.h header file (9) Support for AIX 7.2 TL4 on Power Systems (10) Update unload timeout value for TS1160 tape drive (11) Open failure on the tape drive without AMU code update when amu_support is en (12) Change to set the parameter of amu_support On by default (13) Initial support for TS1160 (3592 60F) tape drive (14) Support for Archive Mode Unthread feature (15) Detect cleaning cartridge in TSM ioctl (16) New GET_VHF_DEVICE_STATUS ioctl to report device statuses (17) Auto sense data is cleaned up from reset and check path commands in tmcp mode
13.0.26.0	<ul style="list-style-type: none"> (1) DPF Active Path in Dynamic Runtime Attribute is set with DPF enable only (2) Allow to set CRC32C_CRC method in the ioctl SET_LOGICAL_BLOCK_PROTECTION (3) Replace return code from EIO to ENODEV when the device is gone
13.0.22.0	<ul style="list-style-type: none"> (1) Add iostat support on AIX 6.1 and up (2) Reduce Atape error log when to hit an invalid drive dump (3) Initial support for AIX 7.2 (4) Fix the process hang on control path with the library hardward issue (5) Provide an option to disable iostat support for tape on open system (6) Fix the system panic during to start device with FC HBA driver's attribute dyntrk enable (7) Run Beam to clean up some potential dead locks and memory leaks (8) Retry the command once for the reset unit attention (9) Allow to unconfigure the device which AIX can't detect (10) Fix the system panic when to call enable path ioctl with dyntrk enable in 13.0.4.0 (11) Enhance Failover design to re-enable path before failover (12) Add Null pointer check to fix system panic during to set tape parameters (13) Introduce a flag to track stop device (14) Retry stop device when to start device fail for fibre channel interface (15) Allow to unconfigure tape device without the minor number (16) No block to start device at the disable path when dyntrk is on (17) Support for LTO-8 tape drive (18) Fix system panic when tape position is invalid in Recover Buffer Data ioctl
13.0.1.0	Release level

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