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HITACHI エンタープライズサーバ EP8000 シリーズ マシンコード更新手順

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EP8000 615 model 6C3/6E3 ファームウェア変更内容と来歴

3F070425	<p><u>IMPACT:</u> Serviceability <u>SEVERITY:</u> Special Attention</p> <ul style="list-style-type: none"> • A problem was fixed that caused a failure with error code 20EE000B when upgrading to later AIX versions with large boot images.
3F061030	<p><u>IMPACT:</u> Serviceability <u>SEVERITY:</u> Special Attention</p> <ul style="list-style-type: none"> • A problem was fixed that caused the ring indicate power-on function (in the service processor menus) to power on the system even though it was set to "disabled". • A problem was fixed that caused the system to hang at E52A when rebooted after SRC B1274634 ("SPCN loop fault") was reported.
3F060917	<p><u>IMPACT:</u> Serviceability <u>SEVERITY:</u> Special Attention</p> <ul style="list-style-type: none"> • A problem was fixed that was causing the calls to system firmware to set the time-of-day clock to take too long and prevent interrupts on single processor systems. This can cause adapter errors due to overruns which may result in hangs or retries depending on the adapters and system activity.
3F060626	<p><u>IMPACT:</u> Serviceability <u>SEVERITY:</u> Special Attention</p> <ul style="list-style-type: none"> • A problem was fixed that was causing enhanced error handling (EEH) error codes to be erroneously generated when certain adapter card configurations were heavily stressed by the application code. • A problem was fixed that was causing the system to crash when error data was retrieved.
3F060109	<p><u>IMPACT:</u> Serviceability <u>SEVERITY:</u> Special Attention</p> <ul style="list-style-type: none"> • Fixed a problem that was causing the AIX logical location codes of the Ethernet ports to be incorrect when several types of multi-port Ethernet adapter cards were replaced using the PCI hot-plug function.
3F051101	<p><u>IMPACT:</u> Serviceability <u>SEVERITY:</u> Special Attention</p> <ul style="list-style-type: none"> • The firmware was changed so that the time-out for firmware console selection is 60 seconds no matter how many devices are attached to the system or partition. • Firmware was updated to fix intermittent failures of the AIX command "shutdown -t" to power on.

3F050715	<p><u>IMPACT:</u> Serviceability <u>SEVERITY:</u> Special Attention</p> <ul style="list-style-type: none"> • Added support for address request protocol (ARP). • A problem was fixed that was causing the firmware to report an error on an I/O slot when no I/O adapter card was present. • An invalid error code callout for clock errors was fixed.
3F050629	<p><u>IMPACT:</u> Serviceability <u>SEVERITY:</u> Special Attention</p> <ul style="list-style-type: none"> • Corrects systemTime of Day gains observed after reboot. • A problem was fixed that was causing the PCI bus to report an error when a PCI adapter with a bridge on it was hot-plugged.
3F050607	<p><u>IMPACT:</u> Function <u>SEVERITY:</u> Programming Error</p> <ul style="list-style-type: none"> • Corrects boot failure problem when an AIX sinstallation CD-ROM is booted twice in optical drive P/N 97P6883 when installed as part of FC 2640. • Fixes a problem that causes the system to crash when AIX tries a reset on a slot which is already in the reset state.
3F050502	<p><u>IMPACT:</u> Serviceability <u>SEVERITY:</u> Special Attention</p> <ul style="list-style-type: none"> • Improved isolation for Remote I/O (RIO) loop failures. • Resolves incorrect cooling fan FRU callout posted by diagnostics. • Changed cooling fan high speed transition point to reduce fan noise on 9114-275 systems.
3F050311	<p><u>IMPACT:</u> Serviceability <u>SEVERITY:</u> Special Attention</p> <ul style="list-style-type: none"> • Corrects intermittent boot failure at checkpoint E1A9. • Corrects intermittent boot failure with error 101100AC after AC power interruption when Unattended Start Mode is enabled. • Corrects System Time of Day gains observed after reboot.
3F050131	<p><u>IMPACT:</u> Function <u>SEVERITY:</u> Special Attention</p> <ul style="list-style-type: none"> • Change made to collect hypervisor dump as part of snap command. • Change made to mask interrupts for a specific slot if a problem is encountered with and I/O adapter.
3F041029	<p><u>IMPACT:</u> Function <u>SEVERITY:</u> Special Attention</p> <ul style="list-style-type: none"> • Added support for network boot when target server provides preferred gateway information in bootp reply. • Added support for PCI adapters that require additional memory I/O space (Future OEM vendor requirement). • Corrects network boot problems with IBM Gigabit Ethernet adapters (FC 2969).
3F041021	<p><u>IMPACT:</u> Function <u>SEVERITY:</u> Programming Error</p>

	<ul style="list-style-type: none"> • Added support for AIX 5.3. • Resolves issue of excessive length of time required to collect AIX dump for partitions with Service Authority assigned. • Corrects potential cause for system hang with error 40670EA1 on systems with Linux Operating System.
3F040326	<ul style="list-style-type: none"> • Added support for system boot from devices containing boot images larger than 12MB. Must be used in conjunction with AIX 5.1 APAR IY54804 or AIX 5.2 APAR IY53546. To create a boot image larger than 12MB, you must first apply the appropriate APAR. The firmware must be at 3F040326 (or later) before the image can be restored. • Added support for system backplanes manufactured after April 2004.
3F040127	<ul style="list-style-type: none"> • Added new power error codes to indicate that a 500W power supply has been accidentally installed into a 7029-6C3 or 7029-6E3 system. 500W supplies are supported only on 9114-275 workstation systems. • Added new FRU and location code information to system Vital Product Data.
3F031121	<ul style="list-style-type: none"> • Increased volume of audible system attention indicator (beep) tone.
3F030829	<ul style="list-style-type: none"> • Contains hardware initialization changes which improves system stability.
3F030815	<p>Added support for 1.45 GHz processor.</p> <ul style="list-style-type: none"> • Added support for 1.45 GHz processor. • Corrected Vital Product Data (VPD) output for systems equipped with 1.45GHz processors.
3F030703	<ul style="list-style-type: none"> • Added support for IBM eServer Intellistation POWER 275 Model 275 (9114-275).
3F030602	<ul style="list-style-type: none"> • Added support for IBM eServer IntelliStation POWER 275 Model 275 (9114-275) - RPQ only.
3F030501	<ul style="list-style-type: none"> • Original (GA) level.

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