214- Equipment Management Commands

214.1 Equipment Management Command Tree

Description

This chapter gives an overview of nodes that are handled by "Equipment Management Commands".

Command Tree

----admin
    ----equipment
        - (prepare-sys-shutdown)
        - reboot-isam
        ----slot
            - (index)
            - reboot
            - [no] overrule
            - (clr-restart-cnt-per-lt)
    ----applique
        - (index)
        - reboot

214.2 Equipment Management Command

Command Description

This command allows the operator to manage the node: prepare the system for shutdown, reset the node or reset the SHub/IHub.

Note: An attempt to reset the SHub/IHub will be rejected.

User Level

The command can be accessed by operators with equipment privileges, and executed by operators with equipment privileges.

Command Syntax

The command has the following syntax:

> admin equipment [(prepare-sys-shutdown)] [reboot-isam <Equipm::SystemRestart>]

Command Parameters

Table 214.2-2 "Equipment Management Command" Command Parameters

Parameter	Type	Description
(prepare-sys-shutdown)	Format: prepare-sys-shutdown Possible values: - prepare-sys-shutdown : prepare the system for shutdown	*optional parameter* prepare the system for shutdown
reboot-isam	Parameter type: <Equipm::SystemRestart> Format: (with-self-test | without-self-test | hot-restart) Possible values: - with-self-test : restart with selftest - without-self-test : restart without selftest - hot-restart : reboot, but don't touch the hardware	*optional parameter* reboot the full isam (with xhub if any)

214.3 Slot Management Command

Command Description

This command allows the operator to manage a slot and the units in the slot.

User Level

The command can be accessed by operators with equipment privileges, and executed by operators with equipment privileges.

Command Syntax

The command has the following syntax:

> admin equipment slot (index) [reboot <Equipm::BoardRestart>] [[no] overrule] [(clr-restart-cnt-per-lt)]

Command Parameters

Table 214.3-1 "Slot Management Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: (lt : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::SlotId> | nt-a | nt-b | nt | acu : <Eqpt::RackId> / <Eqpt::ShelfId> | <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::EqSlotId> | ext-a : <Eqpt::RackId> / <Eqpt::ShelfId> | ext-b : <Eqpt::RackId> / <Eqpt::ShelfId> | ctrl : <Eqpt::RackId> / <Eqpt::ShelfId> | vlt : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::VirtualSlotId>) Possible values: - lt : lt-slot - vlt : virtual LT slot (VVPS board can only be planned at NANT-E / FANT-F) - nt-a : nt-a slot - nt-b : nt-b slot - nt : nt slot - ext-a : nt-a slot in an extension shelf - ext-b : nt-b slot in an extension shelf - acu : acu slot - ctrl : ctrl-slot Field type <Eqpt::RackId> - the rack number Field type <Eqpt::ShelfId> - the shelf number Field type <Eqpt::SlotId>	the identification of the slot

Resource Identifier	Type	Description
	- the LT slot number Field type \<Eqpt::VirtualSlotId\> - the virtual LT slot number Field type \<Eqpt::EqSlotId\> - the equipment slot number	

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Table 214.3-2 "Slot Management Command" Command Parameters

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Parameter	Type	Description
reboot	Parameter type: \<Equipm::BoardRestart\> Format: (with-selftest | without-selftest | hot-restart) Possible values: - with-selftest : reboot the board with self test - without-selftest : reboot the board without self test - hot-restart : reboot but don't touch the hardware (not for LSM and Applique)	*optional parameter* reboot the card in the slot
[no] overrule	Parameter type: boolean	*optional parameter* overrule the software on this board
(clr-restart-cnt-per-lt)	Format: clr-restart-cnt-per-lt Possible values: - clr-restart-cnt-per-lt: clear restart counter per LT	*optional parameter* clear the restart counter per LT

214.4 Slot Management Command

Command Description

This command allows the operator to manage a slot and the units in the slot.

User Level

The command can be accessed by operators with equipment privileges, and executed by operators with equipment privileges.

Command Syntax

The command has the following syntax:

> admin equipment applique (index) [reboot <Equipm::BoardRestart>]

Command Parameters

Table 214.4-1 "Slot Management Command" Resource Parameters

Resource Identifier	Type	Description
(index)	Format: (iont : <Eqpt::RackId> / <Eqpt::ShelfId> | <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::AppliqueSlotId> | lp : <Eqpt::RackId> / <Eqpt::ShelfId> / <Eqpt::LtAppliqueSlotId> | ntio-1 | ntio-2) Possible values: - iont : an nt applique slot - lp : an lt applique slot - ntio-1 : an nt applique slot in a single or multiple-ntio-shelf - ntio-2 : an nt applique slot in a multiple-ntio-shelf Field type <Eqpt::RackId> - the rack number Field type <Eqpt::ShelfId> - the shelf number Field type <Eqpt::AppliqueSlotId> - the applique slot number Field type <Eqpt::LtAppliqueSlotId> - the LT Applique slot number	the identification of the applique

Table 214.4-2 "Slot Management Command" Command Parameters

Parameter	Type	Description
reboot	Parameter type: <Equipm::BoardRestart> Format: (with-selftest | without-selftest	*optional parameter* reboot the card in the applique

Parameter	Type	Description
	| hot-restart) Possible values: - with-selftest : reboot the board with self test - without-selftest : reboot the board without self test - hot-restart : reboot but don't touch the hardware (not for LSM and Applique)	