

COB Cold Data Reset

Usage is: `cob_cold_data_reset <rce address> [<rce_address> ...]`

Send a Cold Data Reset command to a COB.

This command causes the same effect as physically removing the COB from the slot except that Management Power is not removed. Upon receiving this command, the IPMC will remove payload power from all bays, clear all internal cached state information which includes all Shelf IP Information and the Shelf Name, and then resets the IPMC itself. If the conditions for activation are satisfied (handle switch closed) the COB will proceed normally exactly as if it had just been inserted in the shelf.

If you are just looking to refresh the cached Shelf information in the IPMC, consider using the `cob_refresh_shelf_info` command.

Each `<rce address>` is of the form:

`shelfmanager_ip[/slot[/bay[/rce]]]`

Where:

`shelfmanager_ip`: the hostname of the shelf manager or its IP address
WARNING: THIS IS NOT THE SHELF NAME!

`slot`: the physical slot number (1-16)
or the case-insensitive keyword ALL

`bay`: the bay number (0-7)
or one of the case-insensitive keywords:
ALL, CMB, DTM, DPM, RTM, CEN

`rce`: the RCE number (0-3)
or the case-insensitive keyword ALL.

Leaving off the end of the address is the same as using the keyword ALL for the omitted arguments.

Examples:

`egbert-sm/4/3/2`
`egbert-sm/4/3`
`egbert-sm/4/`
`egbert-sm/`
`egbert-sm/4/ALL/2`
`egbert-sm/4/dpm`
`egbert-sm/4/DPM/0`
`172.21.6.112/4/3/2`

For this command, the bay and rce portions of `<rce_address>` are ignored

Return Value:

0 if OK
1 Error