??????????, ???LSI RAID 5 VD(IMR), ???????LSISAS2008. ??RE3 500GB???RE3??HSP??Web Server. ???????, IMR?LSISAS2008??Software RAID Stack???, ?????????, firmware-based RAID?cacheless, ???parity RAID mode?????????. ???????????Web Server, ???????????.

???LSISAS2008??RAID 5 VD, ????????. ???????PD????, ??????HSP????Auto-rebuild. ????, ?rebuild???, ????????? ????(ex: ???????), UPS????, ?????????. ?????????, MIS?????????:

- 1. VD????.
- 2. rebuild??????.

???????rebuild????????, ??????normal status????, ??????COD???, ???VD??????. ????drop??PD?????, ??RAID controller??scan?, ??????COD??, ????foreign status. ?????PD?????, ??????drop???VD????. ???? ?PD?????, ???HSP??, ?????Auto-rebuild??:

- 1. VD??, ??HSP?????Auto-rebuild.
- 2. ???bad slot?PD?????, ????Unconfigured Good status.
- 3. ?rebuild??????, ?????copyback??.

Note: When a drive fails or is expected to fail, the data is rebuilt on a hot spare. The failed drive is replaced with a new disk. Then the data is copied from the hot spare to the new drive, and the hot spare reverts from a rebuild drive to its original hot spare status.

????????PD?normal status, ?????????online, ????????VD?????. ?????????, ???????VD creation without initialization, ????????DG(Drive Group)??PD, ????VD?PD?COD??, ???WebBIOS??MSM??Clear Configuration??. ??????VD, ?????????

- 1. ????????VD??.
- 2. ??????(slot number).
- 3. ??????initialization??.

- 1. ?shutdown??.
- 2. ?VD??PD????(pull out)
- 3. ????, ?RAID BIOS???????VD missing, ?NVRAM?COD??.
- 4. ??shutdown?, ????PD???, ??! ??????slot.

?????????, BIOS?????, ??OAR???, ???hang?initializing????. ???????, ???shutdown???????PD, ?????VD missing??, ????WebBIOS, ??default factory??(reset)????, ???????NVRAM?COD?????. ???????PD??????,

- 1. ??f/w, ??f/w?NVDATA???????.
- 2. ????(slot number), ???COD???. ??????, ??????f/w?????. ?????????, ????????, ????????.

????BIOS???????, ??hang?????, ?????StopOnError??, ??????tty log(firmware-based log)????????, ???T26? ?????PD????.