



Maintain PD Fail History????????????, ?????????, ??????????. ??????????????????

?????, RAID f/w??VD??PD????, ?????????, ??VD????PD??loss?. ??VD status??Optimal??Critical, ????? loss??PD????(re-insert), RAID f/w????PD???(Status)?Unconfigured Bad, ???foreign ???RAID f/w??PD???? ?. ?????????????, ?loss??PD????????Unconfigured Good.

Maintain PD Fail History??MegaRAID v3.4????????, ??????????????????. ???????HSP????, ?????????????????.

????????????????LSI MegaRAID Storage Manager(MSM)????, ?????????????????:

1. ?WebBIOS?, ??Controller Properties?????
2. ??MegaCLI?????????????????

????BIOS initializing?, ???WebBIOS????????????????:

????????(Operating System)?, ?????MegaCLI????????, ?????????????:

????????????, ?????????????, ?????????????:

??, ?????????, ?????????????:

??, LSI?MegaRAID stack????????????, ?????????????????. ???????????????????????.??! ??????????????. ??MFC settings????????????.

?????(Factory settings)??, ?????????, ?????????:

??PD?RAID f/w????RAID 5?VD, ?????Optimal, ?????HSP?. ???PD??loss??, VD????????Degraded. ????? ?????Critical, ?????????????:

????loss??PD????????slot??, RAID f/w????PD????????, ?????:

????????(re-insert)?PD, ?????(Foreign)Unconfigured Bad, ??????. ???Maintain PD Fail History?????????. ?????PD????, ??????. ??PD??loss????????, RAID f/w??PD??mark????Bad. ??????, ?????????Rebuild?? ??????. ?????Rebuild?, ?????????RAID f/w????Rebuild??:

1. ?Unconfigured Bad????Unconfigured Good
2. ?????Foreign Configuration.
3. ??Foreign Configuration?, ?????.
4. ???PD????GSHP??DHSP, ??Auto-rebuild????????.

?????, ?????????, ?????????Unconfigured Bad?PD??Unconfigured Good, ?????:

??Change to Unconfigured Good??, PD????????, ?????:

????PD????????Unconfigured Good, ???Foreign, ???PD??COD?. ?????Rebuild?, ?????COD????????????, ?? ?????????COD?????:

????????, ?????????, ??PD????COD????????????, ?????:

????Rebuild?, ?????Clear?Foreign??PD??COD?????. ?????????, RAID f/w????Foreign??PD????? Unconfigured Good?. ?????:

??PD?????????Unconfigured Good?, ?????PD???HSP??Rebuild??, ???????:

??RAID f/w?????Auto-rebuild??, Rebuild?????????HSP?????. ?????????????VD.

Maintain PD Fail History??????VD????PD????loss????, ???loss?PD?????, ??????Bad???. ?????????????????? ???
?????, ?loss?PD????????????????? ???????Optimal?VD??:

?????PD??loss????, VD????????Degraded, ?????????Critical????:

???loss?PD?????????Bad Slot??, RAID f/w?????????PD????????? ??????:

????????????! ??????PD?????Unconfigured Good, ??????????Rebuild?????????. ??????????, ???????????:

- ?Maintain PD Fail History???, ??Fail?????????????(intervention); ??, ??????????????, ????.

?????, ??????????, ??PD???????, ??????????????????????. ??????????, ?????????VD???HSP, ??Maintain PD Fail
History??????. ??VD??PD??loss???, RAID f/w?????HSP??Auto-rebuild?????. ?????????, ?????????PD?Bad Slot
, ?RAID f/w??Copyback????????.

Notes:

1. Be sure to disable 'Maintain PD Fail History' when using single drive RAID 0. Failure to do so may result in the single drive RAID 0 array being deleted with an unclean shutdown, as the controller will mark the single drive RAID 0 'unconfigured bad'. If the setting is disabled the drives would be marked foreign configuration and the auto import policy would pull them drive back in.
2. MegaRAID 5.x?????EHSP?????????Maintain PD Fail History, ?????????!