NAME

rescan-scsi-bus.sh − script to add and remove SCSI devices without rebooting

SYNOPSIS

rescan−scsi−bus.sh [−−*alltargets*] [−−*attachpq3*] [−*c*] [−−-*channels=CLIST*] [−−*color*] [−*d*] [−−*flush*] [−*f*] [−−*forceremove*] [−−*forcerescan*] [−−*help*] [−−*hosts=HLIST*] [−−*ids=TLIST*] [−−*ignore−rev*] [−−*issue−lip*] [−*i*] [−−*issue−lip−wait=SECS*] [−*I SECS*] [−*l*] [−*L NUM*] [−−*largelun*] [−−*luns=LLIST*] [−*m*] [−−*multipath*] [−−*nooptscan*] [−−*nosync*] [−−*remove*] [−−*removelun2*] [−−*resize*] [−−*sparselun*] [−−*sync*] [−−*update*] [−−*version*] [−−*wide*] [*HOST1* [*HOST2 ...*]]

OPTIONS

Option are ordered by their long name. Those without a long name are ordered as if their single letter was a long name.

−a, **−−alltargets**

scan all targets, not just currently existing [default: disabled]

−−attachpq3

tell kernel to attach sg to LUN 0 that reports PQ=3

−c   enables scanning of channels 0 1   [default: 0 / all detected ones]

−−channels=*CLIST*

scan only channel(s) in *CLIST*

−−color

use coloured prefixes OLD/NEW/DEL

−d   enable debug   [default: 0]

−f, **−−flush**

flush failed multipath devices   [default: disabled]

−−forceremove

remove and readd every device (DANGEROUS)

−−forcerescan

rescan existing devices

−h, **−−help**

print usage message then exit

−−hosts=*HLIST*

scan only host(s) in *HLIST*

−−ids=*TLIST*

scan only target ID(s) in *TLIST*

−−ignore−rev

ignore (firmware) revision change. This is the third text field (4 bytes long) in a standard IN-QUIRY response.

−i, **−−issue−lip**

issue a FibreChannel LIP reset   [default: disabled]

−I SECS, **−−issue−lip−wait=SECS**

issue a FibreChannel LIP reset and then wait SECS seconds.

−L NUM

activates scanning for LUNs 0−−NUM [default: 0]

−l   activates scanning for LUNs 0−−7   [default: 0]

−−largelun

tell kernel to support LUNs > 7 even on SCSI2 devs

−−luns=_NLIST_
>   scan only lun(s) in _NLIST_

−m, **−−multipath**
>   update multipath devices   [default: disabled]

−−nooptscan
>   don't stop looking for LUNs is 0 is not found

−−nosync
>   do not issue a sync [default: sync if remove]

−r, **−−remove**
>   enables removing of devices   [default: disabled]

−−reportlun2
>   tell kernel to try REPORT_LUN even on SCSI2 devices

−s, **−−resize**
>   look for resized disks and reload associated multipath devices, if applicable

−−sparselun
>   tell kernel to support sparse LUN numbering

−−sync   issue a sync [default: sync if remove]

−u, **−−update**
>   look for existing disks that have been remapped

−V, **−−version**
>   shows version string then exits. The version string is a numeric datestamp of the form YYYYM-MDD.

−w, **−−wide**
>   scan for target device IDs 0−−15   [default: 0−−7]
>
>   Host numbers may thus be specified either directly on cmd line (deprecated) or with the **−−hosts=**_LIST_ parameter (recommended).

Arguments to options that end in _LIST_ (e.g. _TLIST_) can have this form:
    A[−B][,C[−D]]...
which is a comma separated list of single values and/or ranges (no spaces allowed).

SEE ALSO

There is a brief descripion here: http://fibrevillage.com/storage/585-rescan-scsi-bus-sh-script-for-adding-and-removing-scsi-devices-without-rebooting

sg3_utils Homepage: **http://sg.danny.cz/sg**