



PROFESSIONAL SERVICES TECH NOTE #022

shelfchk command

The Concept

We all know cables should always be labeled, but sometimes labels fall off or there are so many cables the only way to verify cable connections is to trace the cables by hand. With the **shelfchk** command you can eliminate much of the labor in tracing a connection. The **shelfchk** command turns on the disk LEDs on every shelf in a disk loop to let you know which FCP port the shelves are connected to.

Examples

The **shelfchk** command is interactive and should be run on a console near the storage controllers.

```
fas1> shelfchk
Only shelves attached to 7a should have all LEDs ON.
Are these LEDs all ON now? y
Only shelves attached to 8a should have all LEDs ON.
Are these LEDs all ON now? y
Only shelves attached to 8b should have all LEDs ON.
Are these LEDs all ON now? y
fas1> Fri Aug 22 21:35:39 GMT [rc]: Disk Configuration - No Errors Identified
```

What It Means To You

You can also use this command to diagnose cabling problems. It also comes in handy verifying labels on shelves before performing a data center move of systems using hardware-based ownership.

Note: The **shelfchk** command has not been updated to verify Multipath High-Availability (MPHA) cabling and will only light up primary local and partner connections.

More Information

See the Data ONTAP Manual Pages for more information on the **shelfchk** command:

http://now.netapp.com/NOW/knowledge/docs/ontap/rel7261/html/ontap/cmdref/man1/na_shelfchk.1.htm

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