



[DCP-34] Cannot select drive size and span arrays in advanced setup

Created: 31/Aug/17 1:04 PM - Updated: 02/Oct/17 5:21 PM

Status:	To Do
Project:	Data Center Provisioning

Type:	Bug	Priority:	Medium
Reporter:	Casey Ford	Assignee:	Dalia Lens
Labels:	RAID, logical-drives		

Field Tab

RAID levels supported:	<ul style="list-style-type: none"> • RAID-1 • RAID-5 • RAID-10
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Description

Scripting help for Linux Tkenvset settings

```
export DT_PATH=/opt/dell/toolkit
export DT_TOOLS=$DT_PATH/bin
export DT_SYSTEMS=$DT_PATH/systems
export DT_SCRIPTS=$DT_PATH/template/scripts
export DT_DRMK_PATH=/opt/dell/drmk
```

User need to be able to do the following:

- Access the BIOS Configuration Utility and select Object ---> Physical Drive to display the list of physical drives.
- Use the arrow key to select the newly inserted drive, then press <Enter>

The menu for that drive displays:

- Select Force Offline and press <Enter>

This changes the physical drive from Online to Failed.

- Select **Rebuild** and press <Enter>

See this example:



Attachments

[Capture\(37\).PNG](#) (136 kB)

Comments

Levente Szabo added a comment - 31/Aug/17 2:57 PM

This is obsolete in case of RAID-1 and RAID 10!

This occurs if you replace the drive with a drive that contains data. If the new drive is blank, this problem does not occur.

Casey Ford added a comment - 12/Sep/17 2:57 PM

To recover from a degraded logical drive, rebuild the failed drive in each array. Upon successful completion of the rebuild process, the logical drive state changes from degraded to optimal.

Dalia Lens added a comment - 12/Sep/17 2:58 PM

I'm not sure if this is really the problem. In my experience, this occurs if you replace the drive with a drive that contains data. If the new drive is blank, this problem does not occur.