## [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			
Туре:	Bug	Priority:	Medium	
Reporter:	Casey Ford	Assignee:	Dalia Lens	
Labels:	RAID, logical-drives			
Field Tab				
RAID levels	• RAID-1			
supported:	• RAID-5			
	• RAID-10			
Description				
Scripting help for	Linux Tkenvset settings			
export DT_PATH	=/opt/dell/toolkit			
export DT_TOOLS	S=\$DT_PATH/bin			
export DT_SYST	EMS=\$DT_PATH/systems			
export DT_SCRI	PTS=\$DT_PATH/template/scripts			
	_PATH=/opt/dell/drmk			

- 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:

Disk ID Type	Capacity(6B)	State DG Vendor	Secured :
00:01:00 SAS 00:01:01 SAS	278.87 GB 278.87 GB	Rebuild	Support:
00:01:02 SAS 00:01:03 SAS	278.87 68 278.87 68	Replace Member	puption Capable:
00:01:04 SAS	278.87 68	septace nemoer	uption capable
00:01:05 SAS	278.87 68	LED Blinking	D set 10:
00:01:06 SAS 00:01:07 SAS	278.87 68	Force Online	52306RC
00:01:07 383	278.87 68	Force Offline	07
			Write Cache:
		Make Global HS Remove Hot Spare	A.R.T state:
		nemove not spare	Error
		Instant Secure Eras	e State:
		and the second se	tion:
			None

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This is obsolete in case of RAID-1 and RAID 10!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