HP Array Configuration Utility Command Cheat Sheet

Utility Keyword abbreviations	
Abbreviations	chassisname = ch controller = ctrl logicaldrive = ld physicaldrive = pd drivewritecache = dwc
hpacucli utility	

hpacucli	`# hpacucli`
	
	`# hpacucli help`
	
	`Note: you can use the hpacucli command in a script`

Controller Commands	
Display (detailed)	`hpacucli> ctrl all show config` `hpacucli> ctrl all show config detail`
Status	`hpacucli> ctrl all show status`
Cache	`hpacucli> ctrl slot=0 modify dwc=disable` `hpacucli> ctrl slot=0 modify dwc=enable`

Rescan	`hpacucli> rescan`
	
	`Note: detects newly added devices since the last rescan`

Physical Drive Commands	

Display (detailed)	`hpacucli> ctrl slot=0 pd all show`
	`hpacucli> ctrl slot=0 pd 2:3 show detail`
	
	`Note: you can obtain the slot number by displaying the controller configuration (see above)`

Status	`hpacucli> ctrl slot=0 pd all show status` `hpacucli> ctrl slot=0 pd 2:3 show status`
Erase	`hpacucli> ctrl slot=0 pd 2:3 modify erase`
Blink disk LED	`hpacucli> ctrl slot=0 pd 2:3 modify led=on` `hpacucli> ctrl slot=0 pd 2:3 modify led=off`
Logical Drive Commands	
Display (detailed)	`hpacucli> ctrl slot=0 ld all show [detail]` `hpacucli> ctrl slot=0 ld 4 show [detail]`
Status	`hpacucli> ctrl slot=0 ld all show status` `hpacucli> ctrl slot=0 ld 4 show status`
Blink disk LED	`hpacucli> ctrl slot=0 ld 4 modify led=on` `hpacucli> ctrl slot=0 ld 4 modify led=off`
re-enabling failed drive	`hpacucli> ctrl slot=0 ld 4 modify reenable forced`

| Create | ```
# logical drive - one disk
hpacucli> ctrl slot=0 create type=ld drives=1:12
raid=0

# logical drive - mirrored
hpacucli> ctrl slot=0 create type=ld
drives=1:13,1:14 size=300 raid=1

# logical drive - raid 5
hpacucli> ctrl slot=0 create type=ld
drives=1:13,1:14,1:15,1:16,1:17 raid=5

Note:
drives - specific drives, all drives or unassigned
drives
size - size of the logical drive in MB
raid - type of raid 0, 1 , 1+0 and 5
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Remove	`hpacucli> ctrl slot=0 ld 4 delete`
Expanding	`hpacucli> ctrl slot=0 ld 4 add drives=2:3`
Extending	`hpacucli> ctrl slot=0 ld 4 modify size=500 forced`
Spare	`hpacucli> ctrl slot=0 array all add spares=1:5,1:7`
Display (detailed)	`hpacucli> ctrl all show config` `hpacucli> ctrl all show config detail`
Status	`hpacucli> ctrl all show status`
Cache	`hpacucli> ctrl slot=0 modify dwc=disable` `hpacucli> ctrl slot=0 modify dwc=enable`
| Rescan | ```
hpacucli> rescan

Note: detects newly added devices since the last
rescan
``` |