**Hpssacli Commands**

**Abbreviations:**  
chassisname = ch  
controller = ctrl   
logicaldrive = ld  
physicaldrive = pd   
drivewritecache = dwc

When you type the command hpacucli/hpssacli, it will display a “=>” prompt as shown below where you can enter all the hpacucli commands:  
  
root@ximunix:~# hpssacli  
HP Smart Storage Administrator CLI 2.10.14.0  
Detecting Controllers...Done.  
Type "help" for a list of supported commands.  
Type "exit" to close the console.

=> ctrl all show  
  
Smart Array P400 in Slot 1                (sn: XXXXXXXXXXXXXX)  
  
=> quit

root@ximunix:~# hpssacli ctrl all show  
  
Smart Array P400 in Slot 1                (sn: XXXXXXXXXXXXXX)

**Controller Commands**

## Display detail of Controller  
hpssacli ctrl all show config  
  
## Display detail of Controller  
hpssacli ctrl all show config detail

## Display status of Controller  
hpssacli ctrl all show status  
  
## Rescan for New Devices  
hpssacli rescan

**Physical Drive Commands**

## Display detail information of all physical drives  
hpssacli ctrl slot=0 pd all show  
  
## Display detail information of single phiysical drive  
hpssacli ctrl slot=0 pd 2:3 show detail  
  
## Display status of all physical drives  
hpssacli ctrl slot=0 pd all show status  
  
## Display status of single physical drive  
hpssacli ctrl slot=0 pd 2:3 show status  
  
## To Erase the physical drive (WARN!)  
hpssacli ctrl slot=0 pd 2:3 modify erase  
  
## To enable the LED of a physical drive  
hpssacli ctrl slot=0 pd 2:3 modify led=on  
  
## To disable the LED of a physical drive  
hpssacli ctrl slot=0 pd 2:3 modify led=off

**Logical Drive Commands**

## Display detail information of all logical drives  
hpssacli ctrl slot=0 ld all show  
  
## Display detail information of single logical drive  
hpssacli ctrl slot=0 ld 4 show  
  
## Display status of all logical drives  
hpssacli ctrl slot=0 ld all show status  
  
## Display status of single logical drive  
hpssacli ctrl slot=0 ld 4 show status  
  
## Re-enabling failed drive  
hpssacli ctrl slot=0 ld 4 modify reenable forced  
  
## Create logical drive with RAID 0 using one drive  
hpssacli ctrl slot=0 create type=ld drives=1:12 raid=0  
  
## Create LogicalDrive with RAID 1 using two drives  
hpssacli ctrl slot=0 create type=ld drives=1:13,1:14 size=300 raid=1  
  
## Create LogicalDrive with RAID 5 using five drives  
hpssacli ctrl slot=0 create type=ld drives=1:13,1:14,1:15,1:16,1:17 raid=5  
  
## Delete a specific logical drive  
hpssacli> ctrl slot=0 ld 4 delete  
  
## Expanding a logical drive by adding two more drives  
hpssacli> ctrl slot=0 ld 4 add drives=2I:1:6,2I:1:7  
  
## Extending the logical drive  
hpssacli> ctrl slot=0 ld 4 modify size=500 forced  
  
## Add two spare disks  
hpssacli> ctrl slot=0 array all add spares=2I:1:6,2I:1:7

## Disable Cache  
hpssacli ctrl slot=0 modify dwc=disable  
  
## Modify Accelerator Ratio (read/write):  
hpssacli ctrl slot=0 modify cacheratio=25/75  
  
## Enable Array Acceleration for one of your logical drives use:  
hpssacli ctrl slot=0 ld 4 modify aa=enable  
  
## Enable Array Acceleration for all of your logical drives use:  
hpssacli ctrl slot=0 ld all modify arrayaccelerator=enable

**Generate Diagnost Report**

hpssacli ctrl all diag file=/tmp/ADUreport.zip ris=on xml=on zip=on