LVM: Extend an existing Volume Group by adding a new disk

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```
# Tested on AIX 6.1
# First, verify the disk(s) to use on the VG with "lspv" or any other
similar tool.
# Ensure that disk is not being used/
lspv
  hdisk0
                   00f7136bab316a7a
rootvg
               active
  hdisk1
                   00f7136b82d34d5a
               active
datavq
  hdisk2
                  none
                                                        None
  hdisk3
                  none
                                                        None
  hdisk4
                                                        None
                  none
  hdisk5
                  none
                                                        None
  hdisk6
                  none
                                                        None
  hdisk7
                                                        None
                  none
  hdisk8
                  none
                                                        None
  hdisk9
                                                        None
                  none
DISK=hdisk8
VG=datavg
```

Check before lsvg \$VG VOLUME GROUP: datavg VG IDENTIFIER: 00f7136b00004c000000013782d34d78 VG STATE: active PP SIZE: 128 megabyte(s) VG PERMISSION: read/write TOTAL PPs: 103 (13184 megabytes) <----MAX LVs: 512 FREE PPs: 0 (0 megabytes) LVs: USED PPs: 103 (13184 megabytes) OPEN LVs: OUORUM: (Enabled) TOTAL PVs: 1 VG DESCRIPTORS: 2 STALE PVs: STALE PPs: 0 ACTIVE PVs: AUTO ON: yes MAX PPs per VG: 130048 MAX PPs per PV: 1016 MAX PVs: 128 LTG size (Dynamic): 256 kilobyte(s) AUTO SYNC: no HOT SPARE: BB POLICY: no relocatable PV RESTRICTION: none INFINITE RETRY: no # Add disk to VG extendvg \$VG \$DISK 0516-1254 extendvg: Changing the PVID in the ODM. # Check after lspv 00f7136bab316a7a hdisk0

rootvg	active			
hdisk1	00f	7136b82d34d5a		
datavg	active			
hdisk2 none		e	None	
hdisk3 none		e	None	
hdisk4 none		e	None	
hdisk5 none		e	None	
hdisk6 none		a	None	
hdisk7 none		9	None	
hdisk8 00c6		5b1c5fa811973		
datavg	active	<		
hdisk9	none	e	None	
lsvg \$VG				
VOLUME GROUP:		datavg	VG IDENTIFIER:	
00f7136b00004c00	00000013	3782d34d78		
VG STATE:		active	PP SIZE:	128
megabyte(s)				
VG PERMISSION:		read/write	TOTAL PPs:	206
(26368 megabytes	s) <			
MAX LVs:		512	FREE PPs:	103
(13184 megabytes)				
LVs:		2	USED PPs:	103
(13184 megabytes)				
OPEN LVs:		2	QUORUM:	2
(Enabled)				
TOTAL PVs:		2	VG DESCRIPTORS:	3
STALE PVs:		0	STALE PPs:	0
ACTIVE PVs:			AUTO ON:	yes
MAX PPs per V	VG:	130048		
MAX PPs per PV:		1016	MAX PVs:	128
LTG size (Dynamic):		256 kilobyte(s)	AUTO SYNC:	no
HOT SPARE:		no	BB POLICY:	
relocatable				
PV RESTRICTION	: NC	none	INFINITE RETRY:	no

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