

AIX: Error code 0516-1339, 0516-1397 0516-792: cannot extendvg with a previous Oracle ASM disk

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Error Message:

```
labserver:/root# extendvg -f backupvg hdisk1
```

```
0516-1339 extendvg: Physical volume contains some 3rd party volume group.
```

```
0516-1397 extendvg: The physical volume hdisk1, will not be added to the volume group.
```

```
0516-792 extendvg: Unable to extend volume group.
```

```
labserver:/root# lquerypv -h /dev/hdisk1
```

```
00000000 00820101 00000000 80000017 651FAA3A |.....e.:|
00000010 00000000 00000000 00000000 00000000 |.....|
00000020 4F52434C 4449534B 00000000 00000000 |ORCLDISK.....|
00000030 00000000 00000000 00000000 00000000 |.....|
00000040 0A100000 00170103 4F524158 5135305F |.....ORABASE_|
00000050 4447315F 30303233 00000000 00000000 |DG1_0023.....|
00000060 00000000 00000000 4F524158 5135305F |.....ORABASE_|
00000070 44473100 00000000 00000000 00000000 |DG1.....|
00000080 00000000 00000000 4F524158 5135305F |.....ORABASE_|
00000090 4447315F 30303233 00000000 00000000 |DG1_0023.....|
000000A0 00000000 00000000 00000000 00000000 |.....|
000000B0 00000000 00000000 00000000 00000000 |.....|
000000C0 00000000 00000000 01F6E66B 8403A400 |.....k....|
000000D0 01F765E7 0C6DFC00 02001000 00100000 |..e..m.....|
000000E0 0001BC80 00021453 00000003 00000001 |.....S.....|
000000F0 00000002 00000000 00000000 00000000 |.....|
```

Solution:

We surely have here an old recycled ASM disk (because of the ORCLDISK word in the disk's header). We need to clean this before using it.

```
labserver:/root # dd if=/dev/zero of=/dev/rhdisk1 bs=1024 count=10
```

```
10+0 records in.
```

```
10+0 records out.
```

```
labserver:/root # lquerypv -h /dev/hdisk1
```

```
00000000 00000000 00000000 00000000 00000000 |.....|
00000010 00000000 00000000 00000000 00000000 |.....|
00000020 00000000 00000000 00000000 00000000 |.....|
00000030 00000000 00000000 00000000 00000000 |.....|
00000040 00000000 00000000 00000000 00000000 |.....|
00000050 00000000 00000000 00000000 00000000 |.....|
00000060 00000000 00000000 00000000 00000000 |.....|
00000070 00000000 00000000 00000000 00000000 |.....|
00000080 00000000 00000000 00000000 00000000 |.....|
00000090 00000000 00000000 00000000 00000000 |.....|
000000A0 00000000 00000000 00000000 00000000 |.....|
000000B0 00000000 00000000 00000000 00000000 |.....|
000000C0 00000000 00000000 00000000 00000000 |.....|
000000D0 00000000 00000000 00000000 00000000 |.....|
000000E0 00000000 00000000 00000000 00000000 |.....|
000000F0 00000000 00000000 00000000 00000000 |.....|
```

```
labserver:/root# extendvg backupvg hdisk1
```

```
0516-1254 extendvg: Changing the PVID in the ODM.
```

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