

[AIX]

1.

- = lsattr -El sys0
- = prtconf (config)

2. OS version

- = oslevel -r

3. CPU

- Arch = prtconf
- Hz = lsattr -El proc0 (Hz)
- = lsdev -Cc processor|wc -l
 1. Memory
- = lsattr -El sys0, prtconf
 1. Virtual Memory
- = lspcs -a
 1. Internal Disk
- size = bootinfo -s hdisk() (Mb)
- = lsdev -Cc disk
 1. External Disk (SSA)
- size = bootinfo -s hdisk() (Mb)
- = lsdev -Cc pdisk , lsdev -Ct hdisk
 1. rootvg mirror(y/n)
- not mirror = lsvg rootvg (ACTIVE PVs = 1)
- mirror = lsvg rootvg (ACTIVE PVs = 2)
 1. NIC
- , = lsparent -Ck ent
 - 1.
- lscfg -vp

```
prtconf = list system configuration
lscfg [-v] = devices (-v = verbose for microcode levels, etc)
lscfg -v = devices verbose (microcode level, firmware, etc)
lsdev -Cc adapter = adapter cards
lsdev -Cc disk = disks
lsdev -Cc processor = CPU s
lsattr -El sys0 = serial number, model number, memory
```

- AIX oslevel = AIX OS level instfix -i |grep ML = AIX maintenance level lspp -l = installed SW and levels
- Disk lsvg -o = active volume groups lsvg -p vgname = disk drives in VG lsvg -l


```

(smit alog 가 ) # lscft | grep ent : lan # stopsrc -s qdaemon / startsrc -s
qdaemon : # smit mlang : # ls -l /dev :
# lsdev -C -H : # lsattr -El fcs0 : #
chvg -t2 rootvg : rootvg t2 . max pp 가 1016 2032 가 # lspv -p
hdisk0 : pv lv # lsvg -l rootvg : vg lv # lqueryvg -Atp
hdisk0 : vgda(volum group discripiter) vgda odm disk 가 #
more /etc/filesystems : df filesystem # lscfg -vl fcs0 : fcs0
# lsvg -p rootvg : # chvg -g volumegroup :
# migratepv -l hdisk0 hdisk6 : hdisk0 hdisk6
. # migratepv -l lv02 hdisk0 hdisk6 : hdisk0 lv02 hdisk6 (move) . # chfs -a
size =+500M /home : 500M 가 # chfs -a size = 1G /home :
+ 가 1GB 가 # df -k / df -m / df -g :
# du ./ | sort -r -n : # # lspp -L | pg :
. www.redbooks.ibm.com
www.aixservice.net ibm . naver cafe 가 aix
www.ibm.com/kr/education # smitty tcpip # startsrc
-g tcpip, stopsrc -g tcpip #importvg -y testvg hdisk1 . #
/usr/spool/cron/crontabs : # /var/adm/cron/cron.deny, allow :
. # lsps -a : . # fsck -y /dev/hd1 :
# mkuser username : . # mkggroup groupname # passwd username :
# rmuser -p username : . # rmgroup groupname # who /var/adm/wtmp or
/var/adm/utmp : . # who /etc/security/failedlogin : . # more
/var/adm/sulog : su . # last root, last reboot # varyonvg vgname : vg
# varyoffvg vgname : vg # exportvg vgname : vg # savevg vgname : vg
# extendvg pvname : pv # reducevg pvname : pv # lsvg -l rootvg : vg
lv(Logical Volume) # mklvcopy lvname hdisk_name System Backup * # mkszfile # cp
/var/adm/ras/bosinst.data /root/ # mksysb /dev/rmt0 # tctl -f /dev/rmt0 rewind # tctl -f
/dev/rmt0.1 fsf 3 # restore -xqvf /dev/rmt0.1 /tmp/myfile # backup -if /dev/rmt0 largefile #
mkdev -l rmt0 : , # rmdev -l rmt0 # smitty dev : serial , Tape ,
Device # errpt : (/var/adm/ras/errlog) # errclear : #
/usr/lib/errdemon : # /usr/lib/errstop : VG

```

mklv -y hd7 -t dump rootvg PP

hdisk_name : dump device

snap -ac : dump file

hdisk0 : rootvg hdisk1 : mirror

extendvg rootvg hdisk1

chvg -Qn rootvg

mklvcopy hd1 2 hdisk1 :

mklvcopy hd2 2 hdisk1

mklvcopy hd3 2 hdisk1

mklvcopy hd4 2 hdisk1

mklvcopy hd5 2 hdisk1

mklvcopy hd6 2 hdisk1

mklvcopy hd7 2 hdisk1

mklvcopy hd8 2 hdisk1

mklvcopy hd9var 2 hdisk1

syncvg -v rootvg :

sync .

bosboot -a -d /dev/hdisk1 :

boolist -m normal hdisk0 hdisk1 :

shutdown -Fr

lsvg -l rootvg :

jdk1.4가 가

lspp -L | grep Java14

jdk가

- Java 1.4.x 32-bit /usr/java14 - Java 1.4.x 64-bit /usr/java1464 - Java 1.3.1 32-bit /usr/java131 - Java 1.3.1 64-bit /usr/java1364 - Java 1.3.0 /usr/java130 - Java 1.2.2 /usr/javadev2 - Java 1.1.8 /usr/jdkbase /usr/lpp/diagnostics/bin/diagprt

```
nmon # to see status of cpu and memory. [AIX]Smitty jfs(          )      Volume Group      File
System      [To make File system on AIX 5.3] 1. root          . [YOU HAVE NEW MAIL]
root@DMS:/ > 2. lspv          Volume Group List          . root@DMS:/ >lspv hdisk0
00ceb31adae0d192 rootvg active hdisk1 00ceb31ad4679f47 oraclevg active 3.
Volume Group          . (          image          free          )
root@DMS:/ >lsvg rootvg VOLUME GROUP: rootvg VG IDENTIFIER:
00ceb31a00004c0000000107dae0d65d VG STATE: active PP SIZE: 128 megabyte(s) VG PERMISSION:
read/write TOTAL PPs: 546 (69888 megabytes) MAX LVs: 256 FREE PPs: 349 (44672 megabytes) LVs:
12 USED PPs: 197 (25216 megabytes) OPEN LVs: 11 QUORUM: 2 TOTAL PVs: 1 VG DESCRIPTORS: 2
STALE PVs: 0 STALE PPs: 0 ACTIVE PVs: 1 AUTO ON: yes MAX PPs per VG: 32512 MAX PPs per PV:
1016 MAX PVs: 32 LTG size (Dynamic): 256 kilobyte(s) AUTO SYNC: no HOT SPARE: no BB POLICY:
relocatable 4.          Volume Group          . (54 GIGA      가 Free          , File system
) root@DMS:/ >lsvg oraclevg VOLUME GROUP: oraclevg VG IDENTIFIER:
00ceb31a00004c0000000107dc4107fc VG STATE: active PP SIZE: 128 megabyte(s) VG PERMISSION:
read/write TOTAL PPs: 546 (69888 megabytes) MAX LVs: 256 FREE PPs: 425 (54400 megabytes) LVs:
2 USED PPs: 121 (15488 megabytes) OPEN LVs: 2 QUORUM: 2 TOTAL PVs: 1 VG DESCRIPTORS: 2
STALE PVs: 0 STALE PPs: 0 ACTIVE PVs: 1 AUTO ON: yes MAX PPs per VG: 32512 MAX PPs per PV:
1016 MAX PVs: 32 LTG size (Dynamic): 256 kilobyte(s) AUTO SYNC: no HOT SPARE: no BB POLICY:
relocatable 5.          Volume Group          Type          . (jfs2
) root@DMS:/ >lsvg -l oraclevg oraclevg: LV NAME TYPE LPs PPs PVs LV STATE MOUNT POINT
oraclev jfs2 120 120 1 open/syncd /oracle loglv00 jfs2log 1 1 1 open/syncd N/A 6. smitty
jfs2          . root@DMS:/ >smitty jfs2 6.1.
```

. Move cursor to desired item and press Enter. Add an Enhanced Journaled File System Add an Enhanced Journaled File System on a Previously Defined Logical Volume Change / Show

Characteristics of an Enhanced Journaled File System Remove an Enhanced Journaled File System
 Manage Quotas for an Enhanced Journaled File System Defragment an Enhanced Journaled File
 System List Snapshots for an Enhanced Journaled File System Create Snapshot for an Enhanced
 Journaled File System Mount Snapshot for an Enhanced Journaled File System Remove Snapshot for
 an Enhanced Journaled File System Unmount Snapshot for an Enhanced Journaled File System Change
 Snapshot for an Enhanced Journaled File System Rollback an Enhanced Journaled File System to a
 Snapshot 6.2. Unit Size Free PPs Megabytes . (Tab)

6.3. Number of units Free PPs 54400 . 6.4. MOUNT
 POINT Mount /oracledata . 6.5. Mount
 AUTOMATICALLY at system restart Tab yes . 6.6. Enter

. Add an Enhanced Journaled File System Type or select values in entry fields. Press Enter AFTER
 making all desired changes. [Entry Fields] Volume group name oraclevg SIZE of file system Unit Size
 Megabytes + * Number of units [] # * MOUNT POINT [] Mount AUTOMATICALLY at system restart? no
 + PERMISSIONS read/write + Mount OPTIONS [] + Block Size (bytes) 4096 + Logical Volume for Log +
 Inline Log size (MBytes) [] # Extended Attribute Format Version 1 + ENABLE Quota Management? no
 + 7. mount all mount . root@DMS:/ >mount all mount: 0506-324 Cannot
 mount /dev/hd1 on /home: The requested resource is busy. mount: 0506-324 Cannot mount /proc on
 /proc: The requested resource is busy. mount: 0506-324 Cannot mount /dev/hd10opt on /opt: The
 requested resource is busy. mount: 0506-324 Cannot mount /dev/cd0 on /cdrom: The device is not
 ready for operation. mount: 0506-324 Cannot mount /dev/fslv00 on /imsi: The requested resource is
 busy. mount: 0506-324 Cannot mount /dev/oraclelv on /oracle: The requested resource is busy. 8. df -
 k . root@DMS:/ >df -k Filesystem 1024-blocks Free %Used lused
 %lused Mounted on /dev/hd4 262144 243224 8% 2202 4% / /dev/hd2 1966080 162960 92% 39089
 49% /usr /dev/hd9var 131072 122260 7% 390 2% /var /dev/hd3 524288 522932 1% 56 1% /tmp
 /dev/fwdump 393216 392828 1% 4 1% /var/adm/ras/platform /dev/hd1 131072 130680 1% 11 1%
 /home /proc - - - - /proc /dev/hd10opt 131072 3868 98% 3823 77% /opt /dev/fslv00 4194304
 2520496 40% 49 1% /imsi /dev/oraclelv 15728640 679500 96% 20075 12% /oracle /dev/fslv01
 55705600 55696768 1% 4 1% /oracledata

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