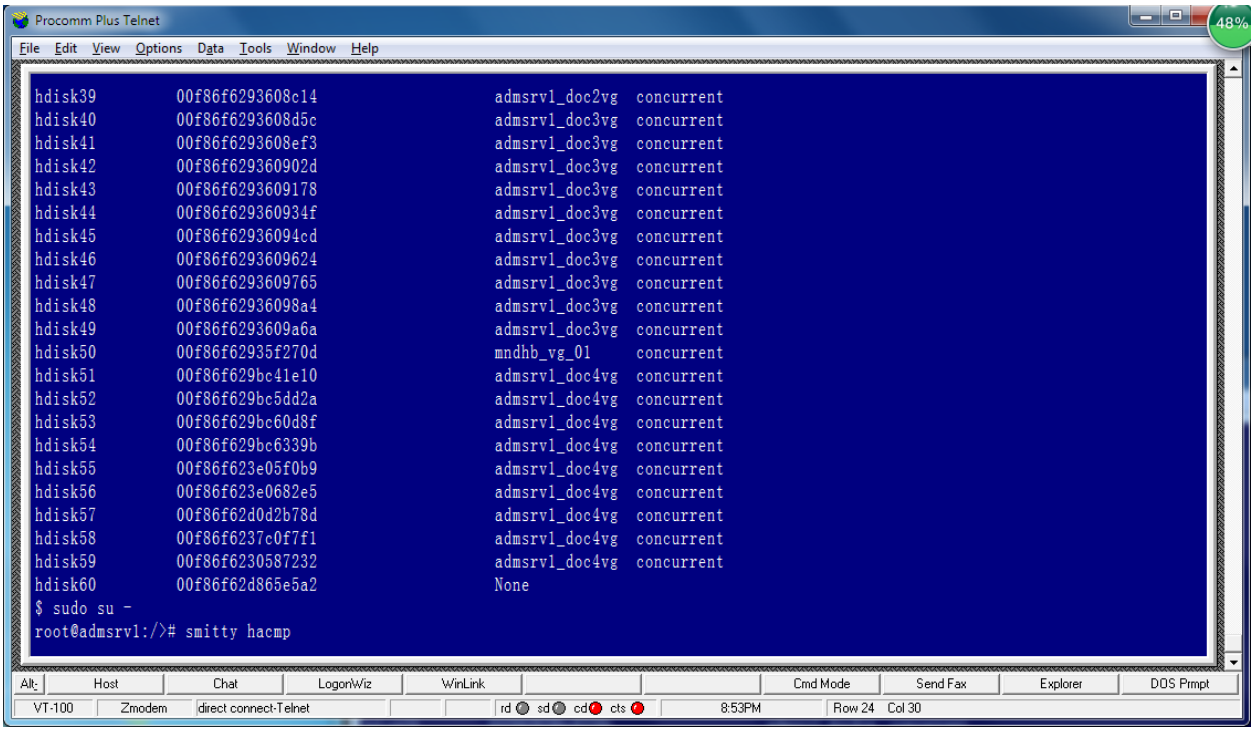
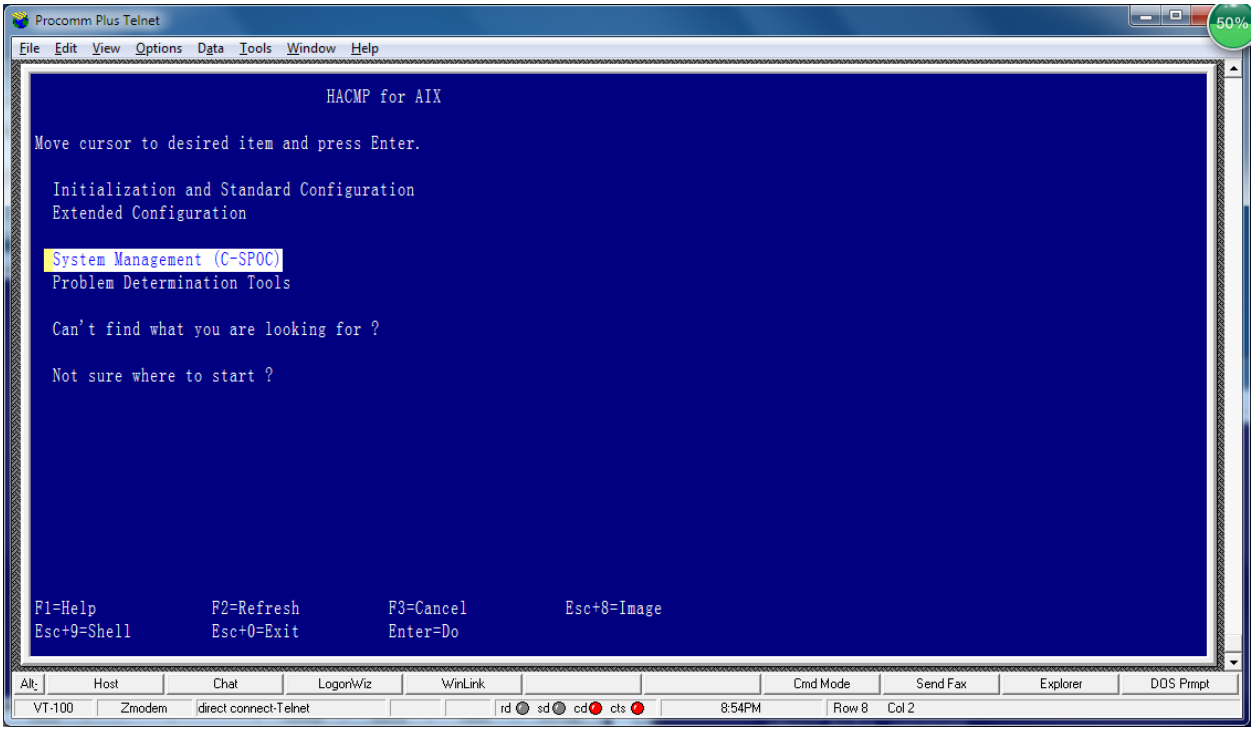
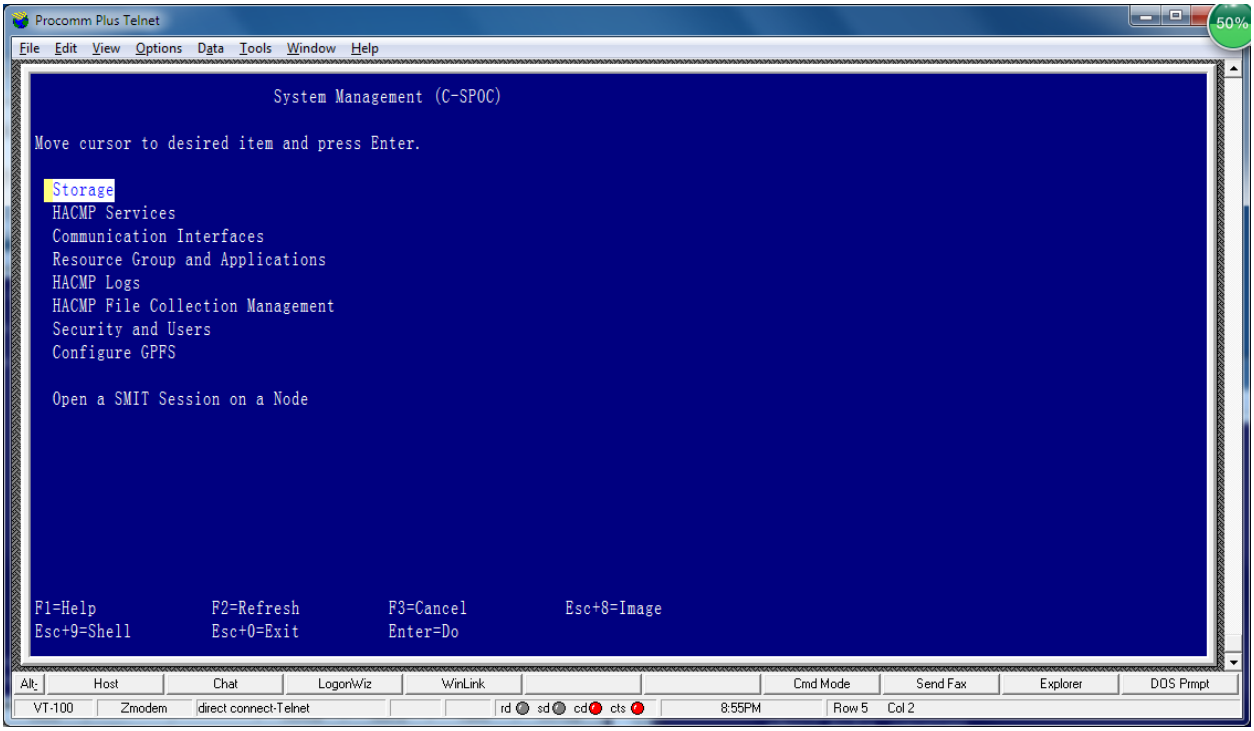
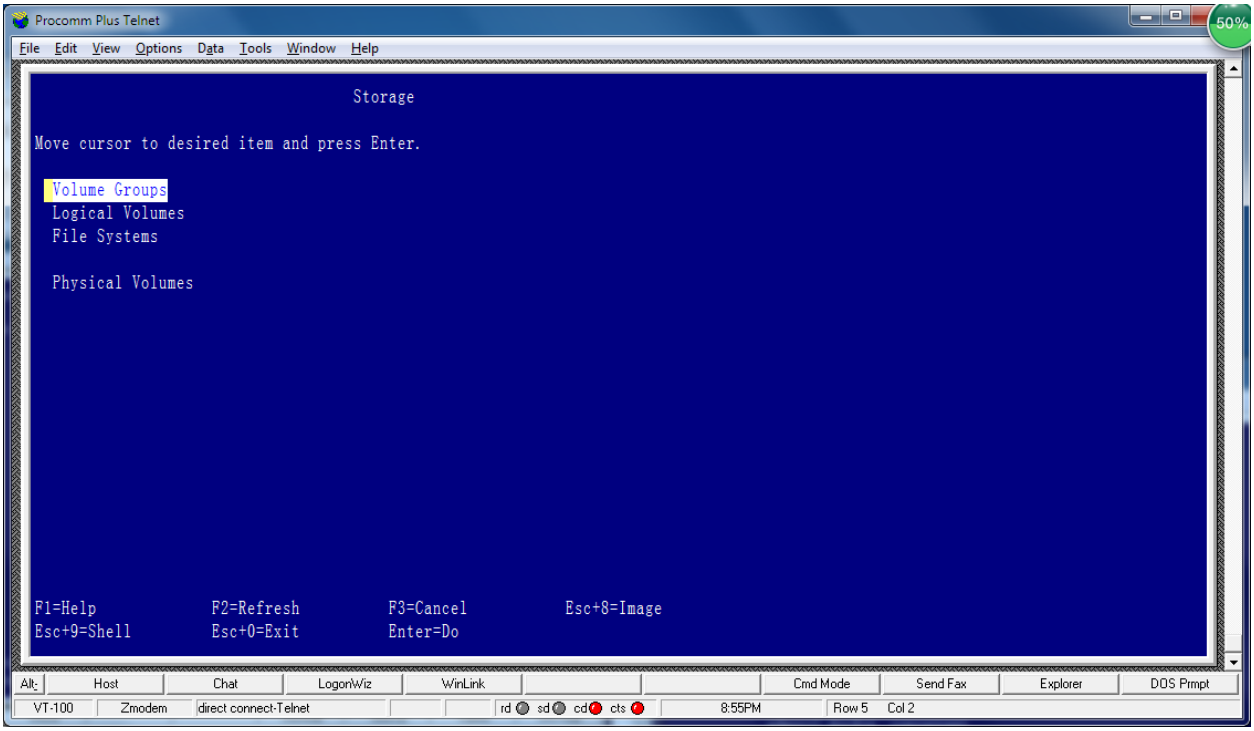
HACMP Resource Group Add disk space

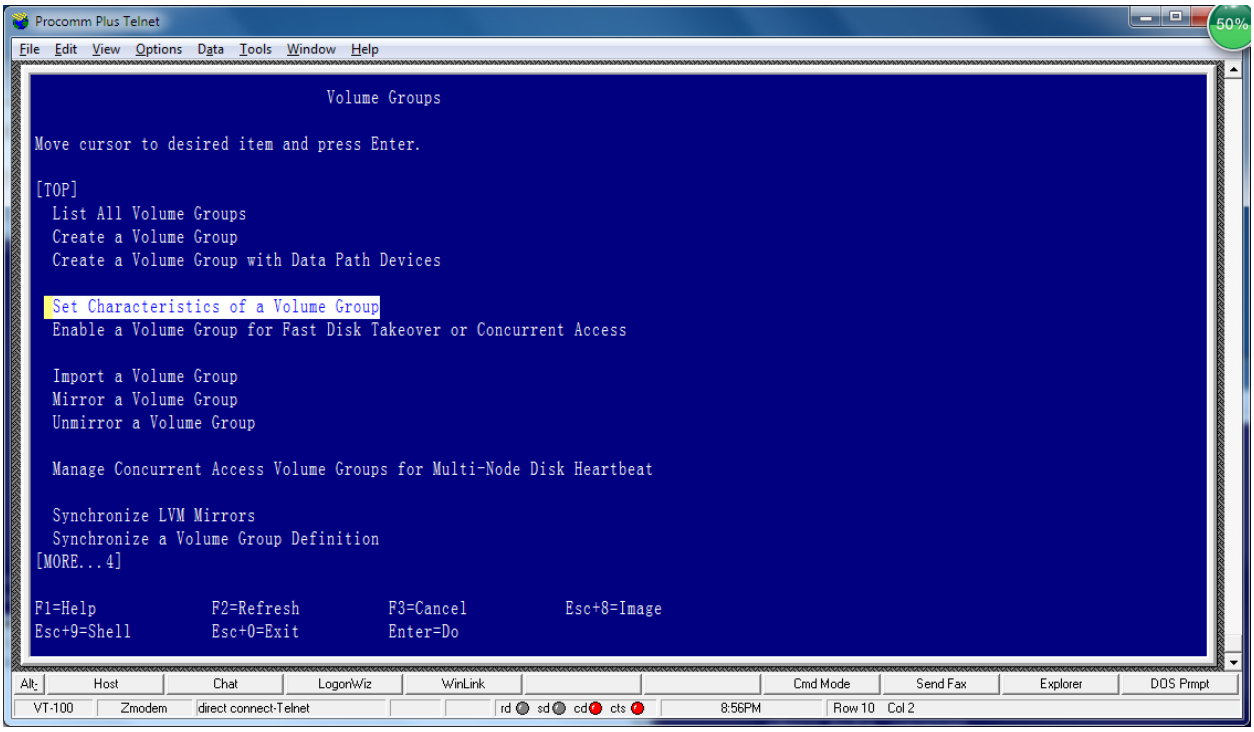
Add disk to concurrent VG in HACMP

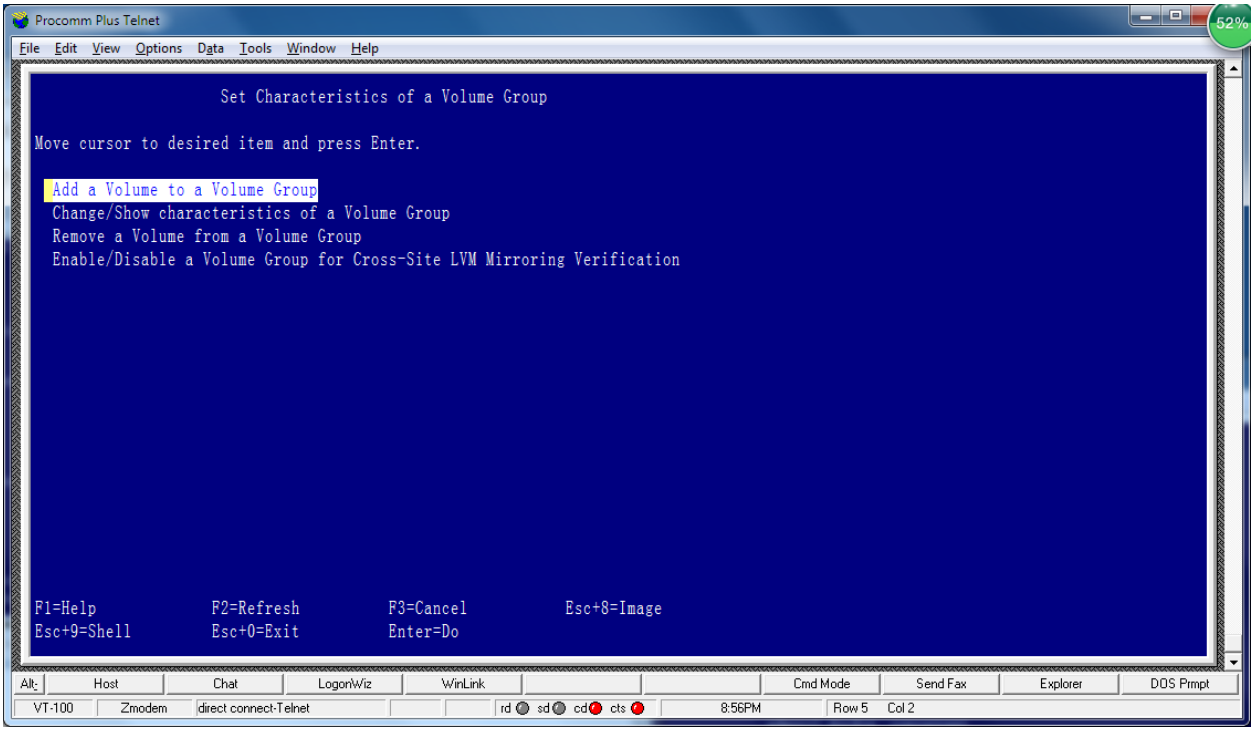


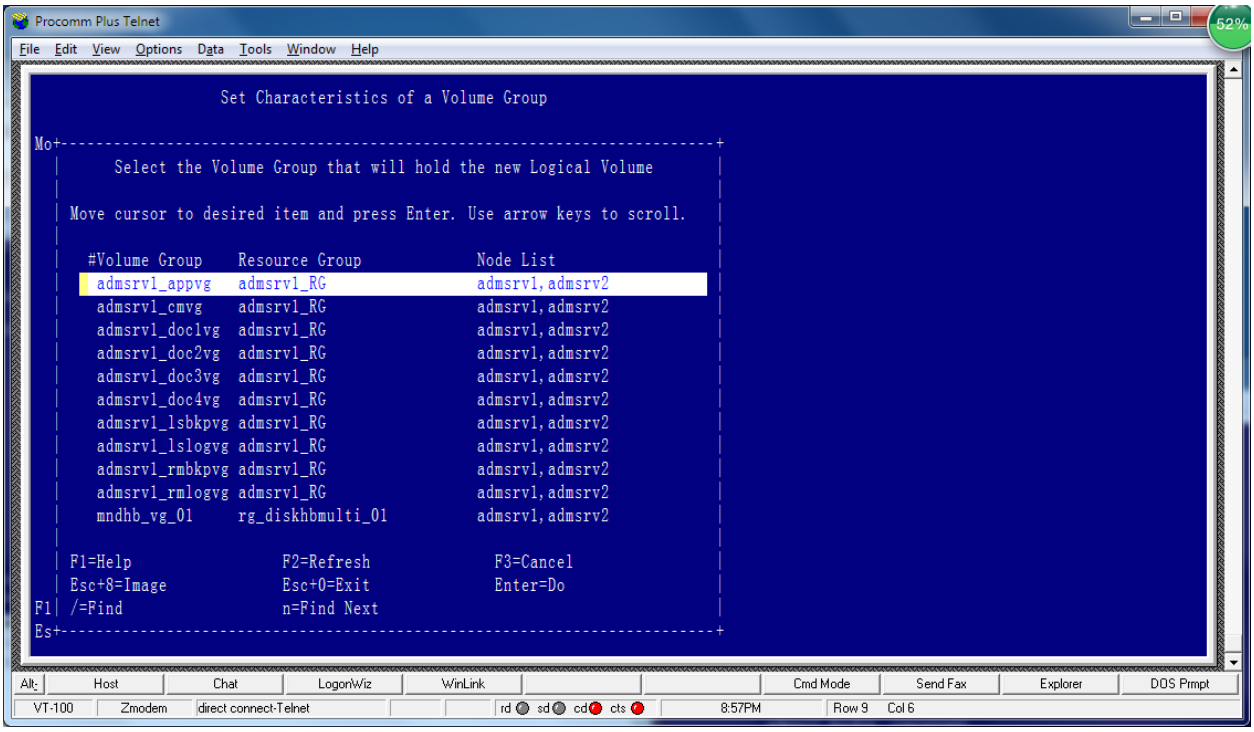



Procomm Plus Telnet
File Edit View Options Data Tools Window Help
System Management (C-SPOC)
Move cursor to desired item and press Enter.
Storage
HACMP Services
Communication Interfaces
Resource Group and Applications
HACMP Logs
HACMP File Collection Management
Security and Users
Configure GPFS
Open a SMIT Session on a Node
F1=Help F2=Refresh F3=Cancel Esc+8=Image
Esc+9=Shell Esc+0=Exit Enter=Do
Alt: Host Chat LogonWiz WinLink Cmd Mode Send Fax Explorer DOS Prmpt
VT-100 Zmodem direct connect-Telnet rd sd cd cts 8:55PM Row 5 Col 2

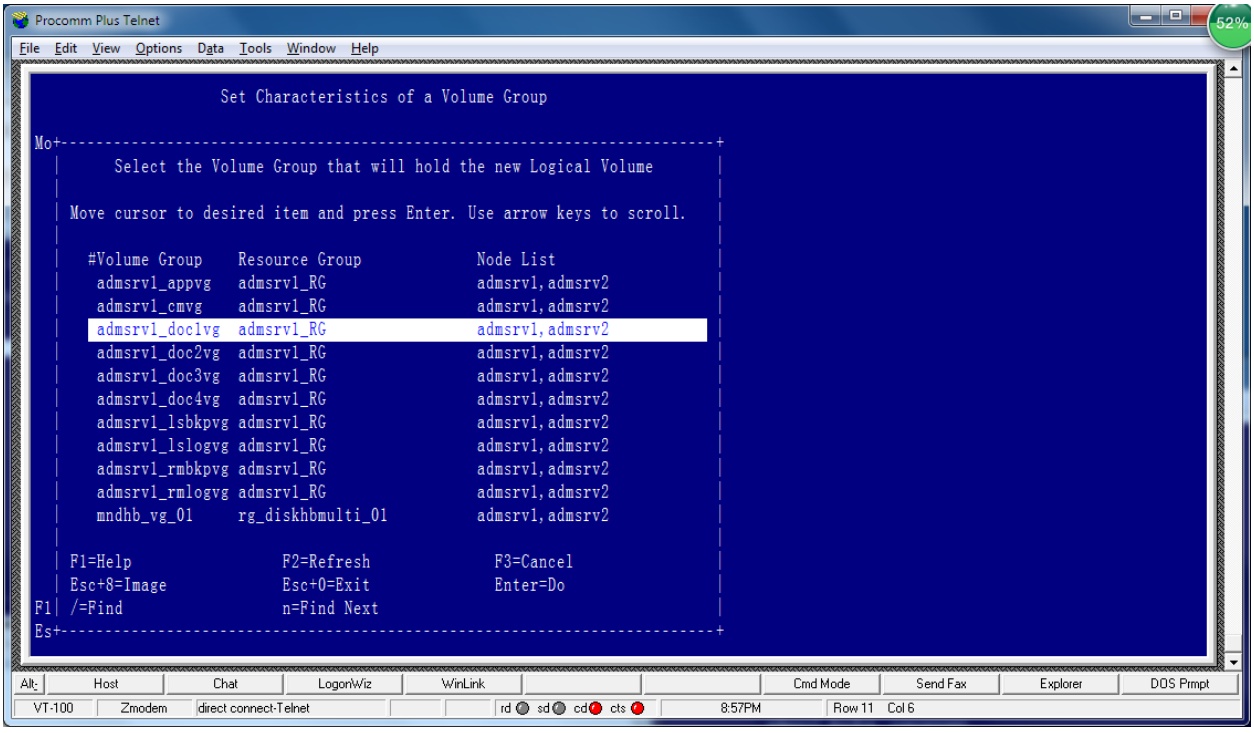

Procomm Plus Telnet
File Edit View Options Data Tools Window Help
Storage
Move cursor to desired item and press Enter.
Volume Groups
Logical Volumes
File Systems
Physical Volumes
F1=Help F2=Refresh F3=Cancel Esc+8=Image
Esc+9=Shell Esc+0=Exit Enter=Do
Alt: Host Chat LogonWiz WinLink Cmd Mode Send Fax Explorer DOS Prmpt
VT-100 Zmodem direct connect-Telnet rd sd cd cts 8:55PM Row 5 Col 2

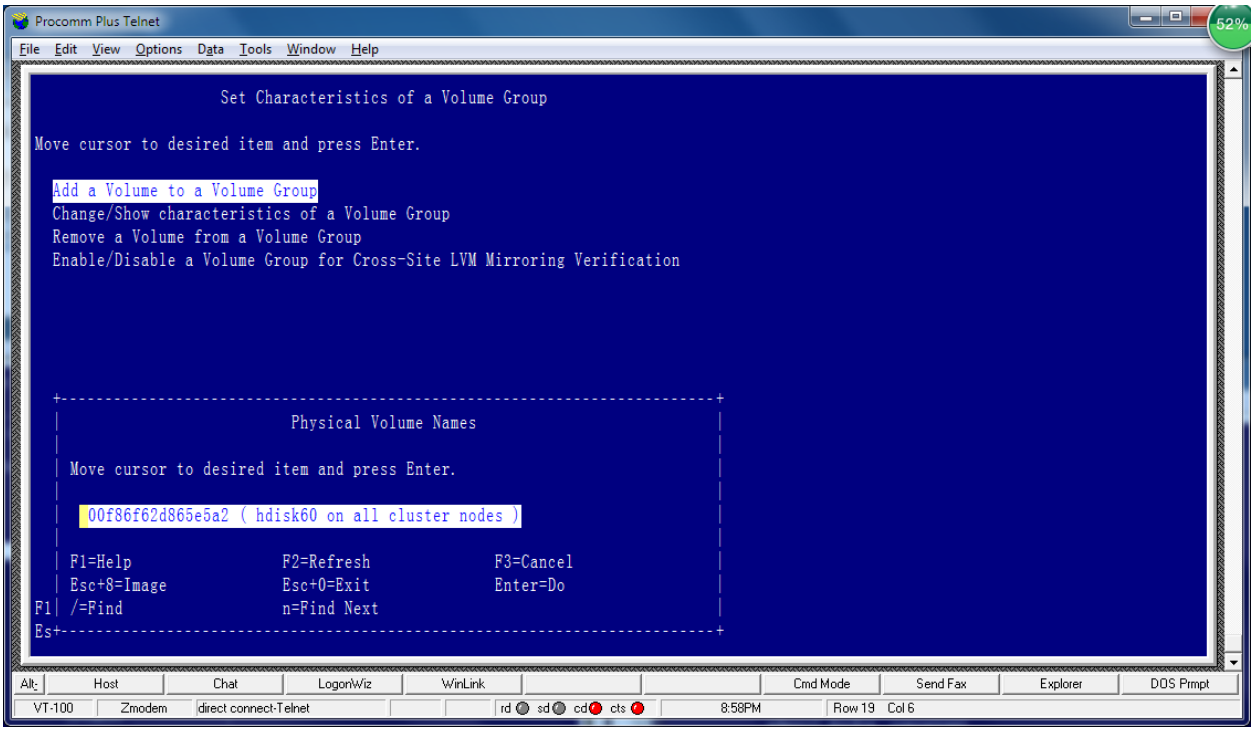

Procomm Plus Telnet
50%
File Edit View Options Data Tools Window Help
Volume Groups
Move cursor to desired item and press Enter.
[TOP]
List All Volume Groups
Create a Volume Group
Create a Volume Group with Data Path Devices
Set Characteristics of a Volume Group
Enable a Volume Group for Fast Disk Takeover or Concurrent Access
Import a Volume Group
Mirror a Volume Group
Unmirror a Volume Group
Manage Concurrent Access Volume Groups for Multi-Node Disk Heartbeat
Synchronize LVM Mirrors
Synchronize a Volume Group Definition
[MORE...4]
F1=Help F2=Refresh F3=Cancel Esc+8=Image
Esc+9=Shell Esc+0=Exit Enter=Do
Alt: Host Chat LogonWiz WinLink Cmd Mode Send Fax Explorer DOS Prmpt
VT-100 Zmodem direct connect-Telnet rd sd cd cts 8:56PM Row 10 Col 2

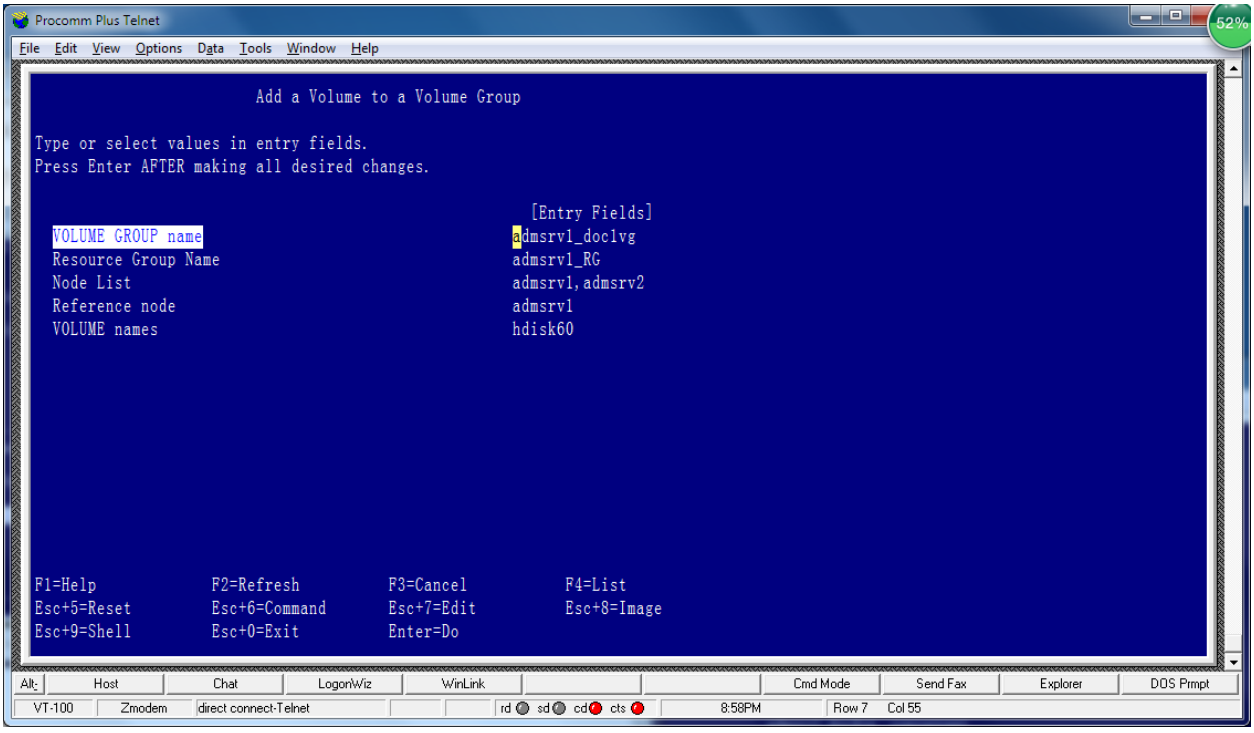

Procomm Plus Telnet
52%
File Edit View Options Data Tools Window Help
Set Characteristics of a Volume Group
Move cursor to desired item and press Enter.
Add a Volume to a Volume Group
Change/Show characteristics of a Volume Group
Remove a Volume from a Volume Group
Enable/Disable a Volume Group for Cross-Site LVM Mirroring Verification
F1=Help F2=Refresh F3=Cancel Esc+8=Image
Esc+9=Shell Esc+0=Exit Enter=Do
Alt: Host Chat LogonWiz WinLink Cmd Mode Send Fax Explorer DOS Prmpt
VT-100 Zmodem direct connect-Telnet rd sd cd cts 8:56PM Row 5 Col 2

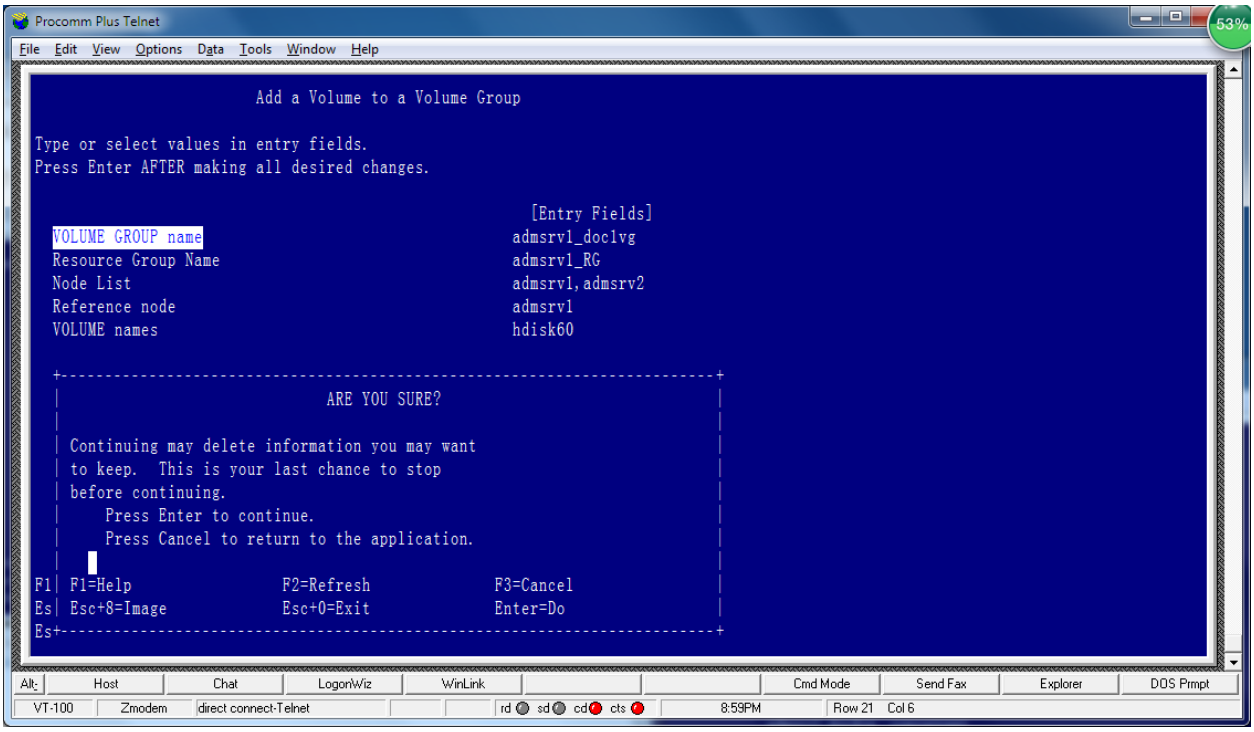


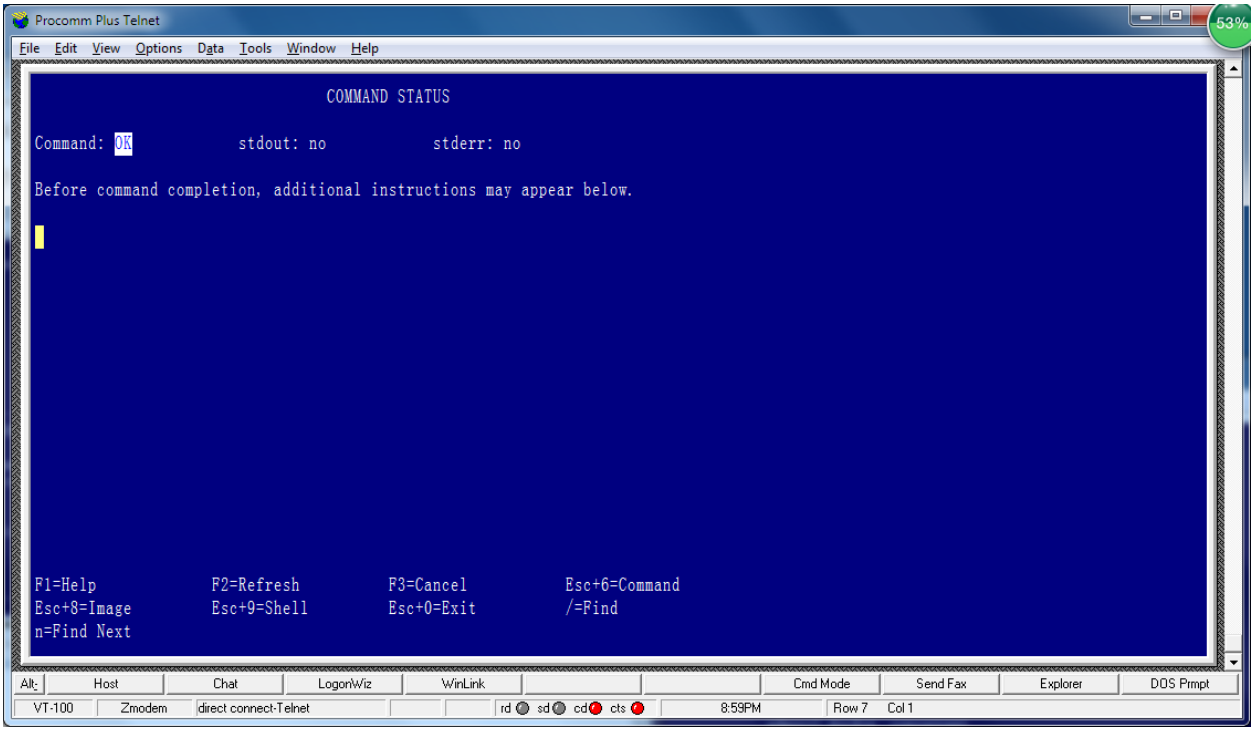
Select admsrv1_doc1vg



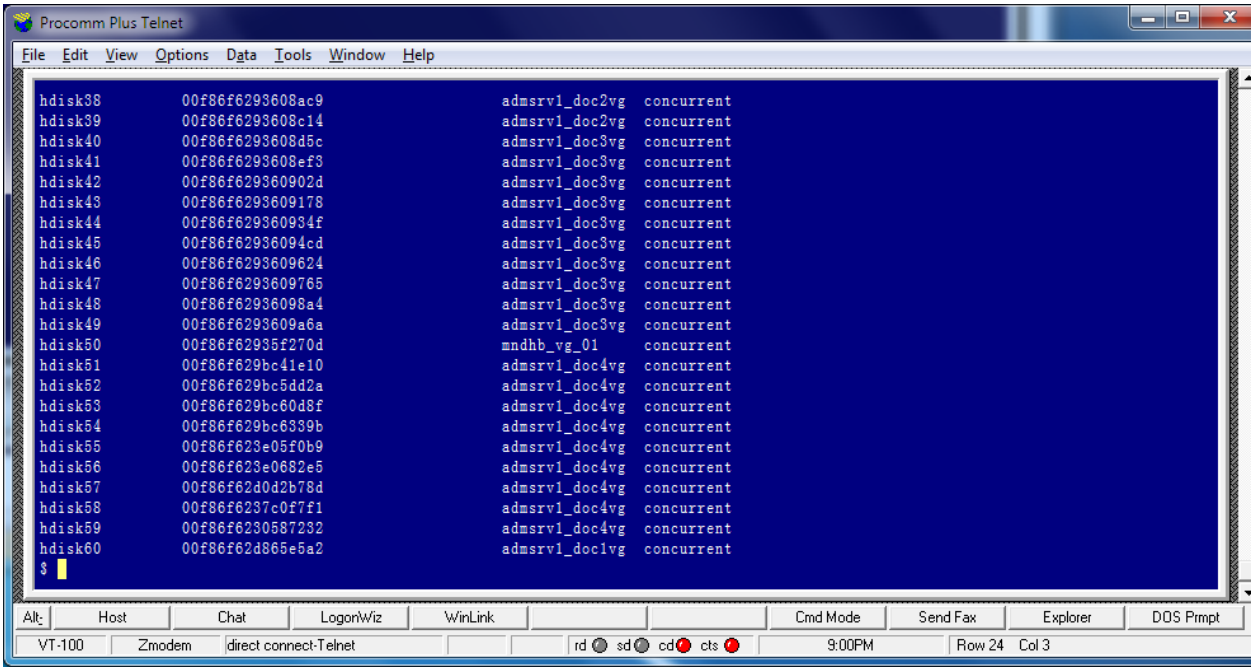

Procomm Plus Telnet
File Edit View Options Data Tools Window Help
Set Characteristics of a Volume Group
Move cursor to desired item and press Enter.
Add a Volume to a Volume Group
Change/Show characteristics of a Volume Group
Remove a Volume from a Volume Group
Enable/Disable a Volume Group for Cross-Site LVM Mirroring Verification
Physical Volume Names
Move cursor to desired item and press Enter.
00f86f62d865e5a2 (hdisk60 on all cluster nodes)
F1=Help
F2=Refresh
F3=Cancel
Esc+8=Image
Esc+0=Exit
Enter=Do
F1 /=Find
n=Find Next
Es
Alt: Host Chat LogonWiz WinLink Cmd Mode Send Fax Explorer DOS Prmpt
VT-100 Zmodem direct connect-Telnet rd sd cd cts 8:58PM Row 19 Col 6


Procomm Plus Telnet
File Edit View Options Data Tools Window Help
Add a Volume to a Volume Group
Type or select values in entry fields.
Press Enter AFTER making all desired changes.
[Entry Fields]
VOLUME GROUP name
admsrv1_doclvg
Resource Group Name
admsrv1_RG
Node List
admsrv1,admsrv2
Reference node
admsrv1
VOLUME names
hdisk60
F1=Help
F2=Refresh
F3=Cancel
F4=List
Esc+5=Reset
Esc+6=Command
Esc+7=Edit
Esc+8=Image
Esc+9=Shell
Esc+0=Exit
Enter=Do
Alt: Host Chat LogonWiz WinLink Cmd Mode Send Fax Explorer DOS Prmpt
VT-100 Zmodem direct connect-Telnet rd sd cd cts 8:58PM Row 7 Col 55

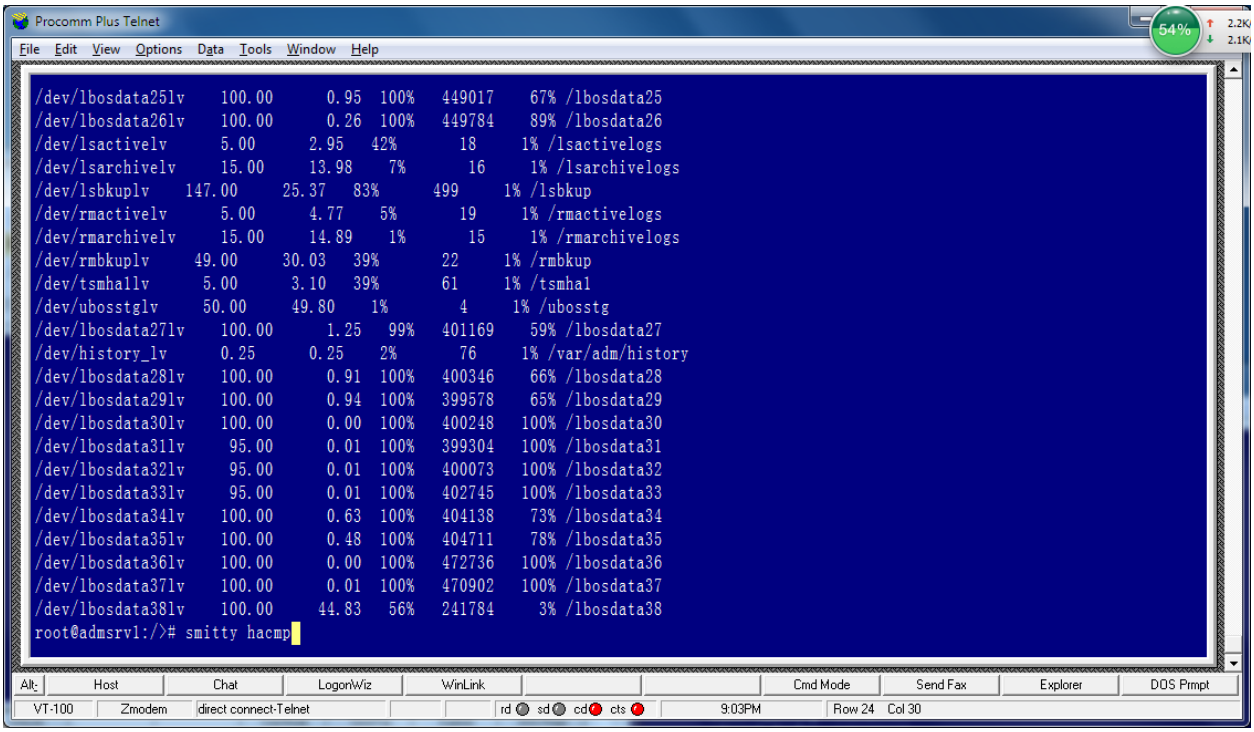

Procomm Plus Telnet
File Edit View Options Data Tools Window Help
Add a Volume to a Volume Group
Type or select values in entry fields.
Press Enter AFTER making all desired changes.
[Entry Fields]
VOLUME GROUP name admsrv1_doclvg
Resource Group Name admsrv1_RG
Node List admsrv1,admsrv2
Reference node admsrv1
VOLUME names hdisk60
ARE YOU SURE?
Continuing may delete information you may want
to keep. This is your last chance to stop
before continuing.
Press Enter to continue.
Press Cancel to return to the application.
F1=Help F2=Refresh F3=Cancel
Esc+8=Image Esc+0=Exit Enter=Do
Alt: Host Chat LogonWiz WinLink Cmd Mode Send Fax Explorer DOS Prmpt
VT-100 Zmodem direct connect-Telnet rd sd cd cts 8:59PM Row 21 Col 6

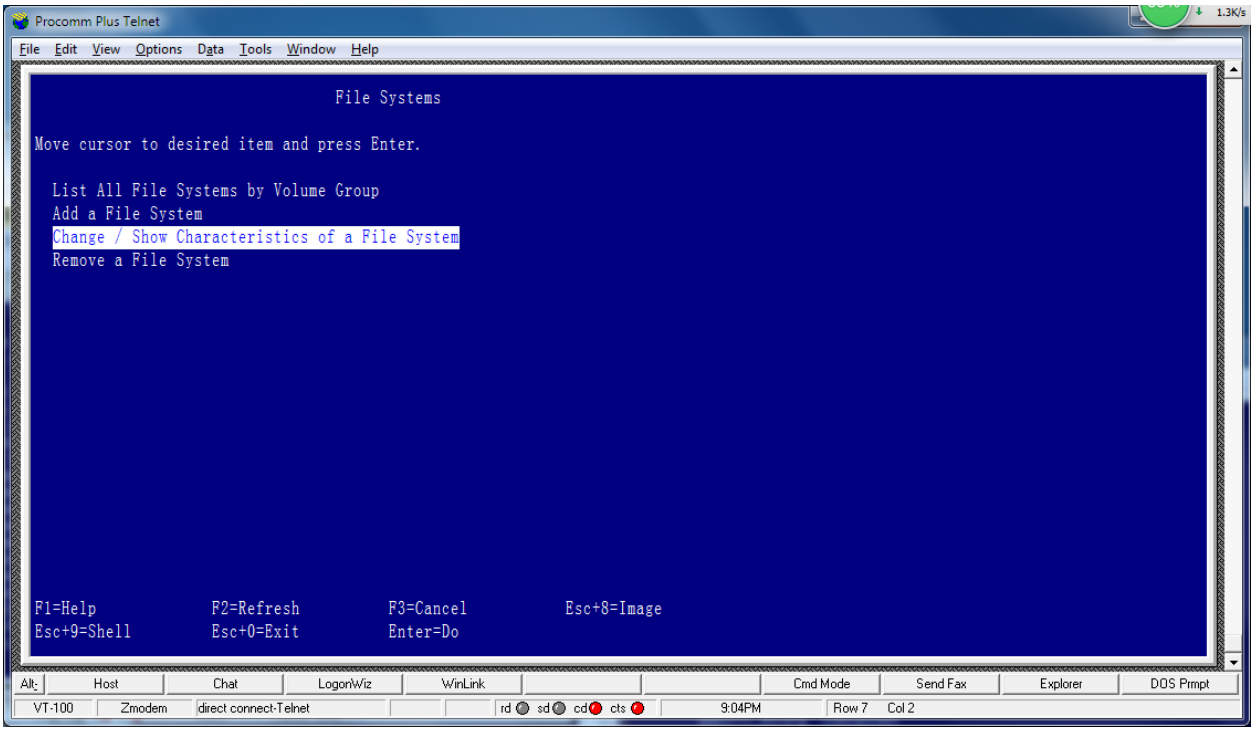

Procomm Plus Telnet
File Edit View Options Data Tools Window Help
COMMAND STATUS
Command: OK stdout: no stderr: no
Before command completion, additional instructions may appear below.
F1=Help F2=Refresh F3=Cancel Esc+6=Command
Esc+8=Image Esc+9=Shell Esc+0=Exit /=Find
n=Find Next
Alt: Host Chat LogonWiz WinLink Cmd Mode Send Fax Explorer DOS Prmpt
VT-100 Zmodem direct connect-Telnet rd sd cd cts 8:59PM Row 7 Col 1

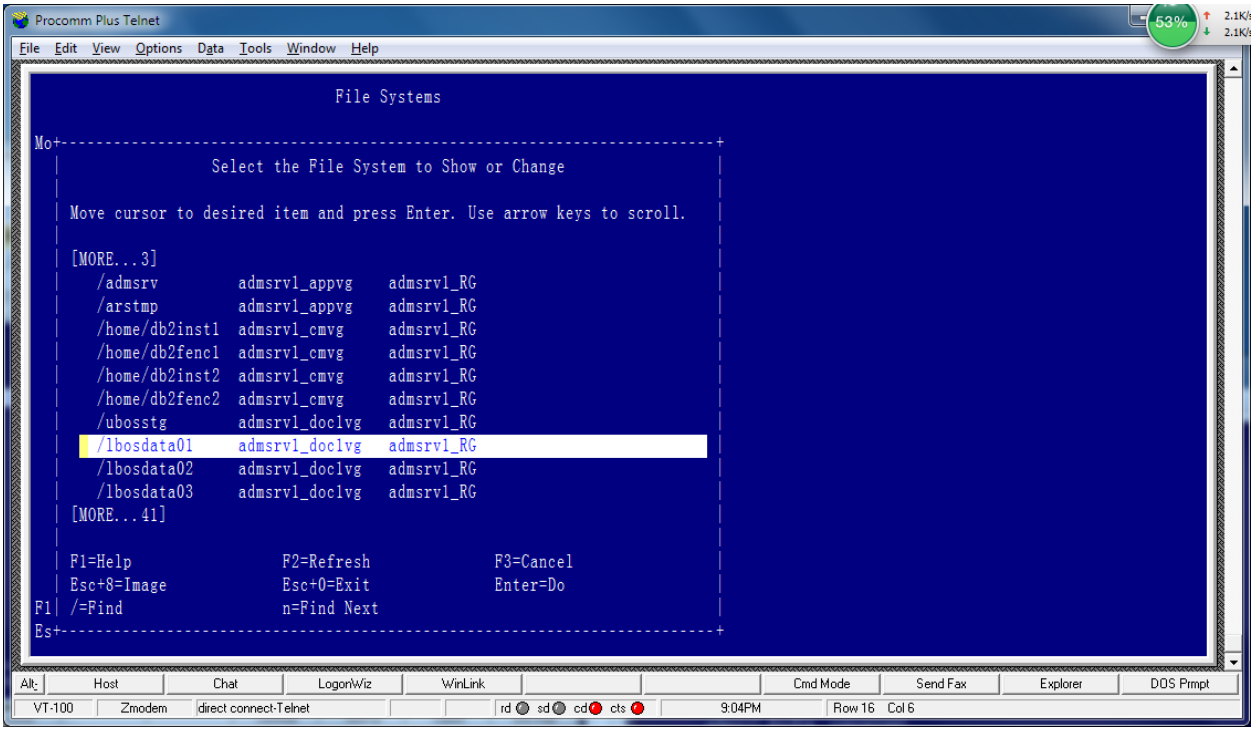
on admsrv2

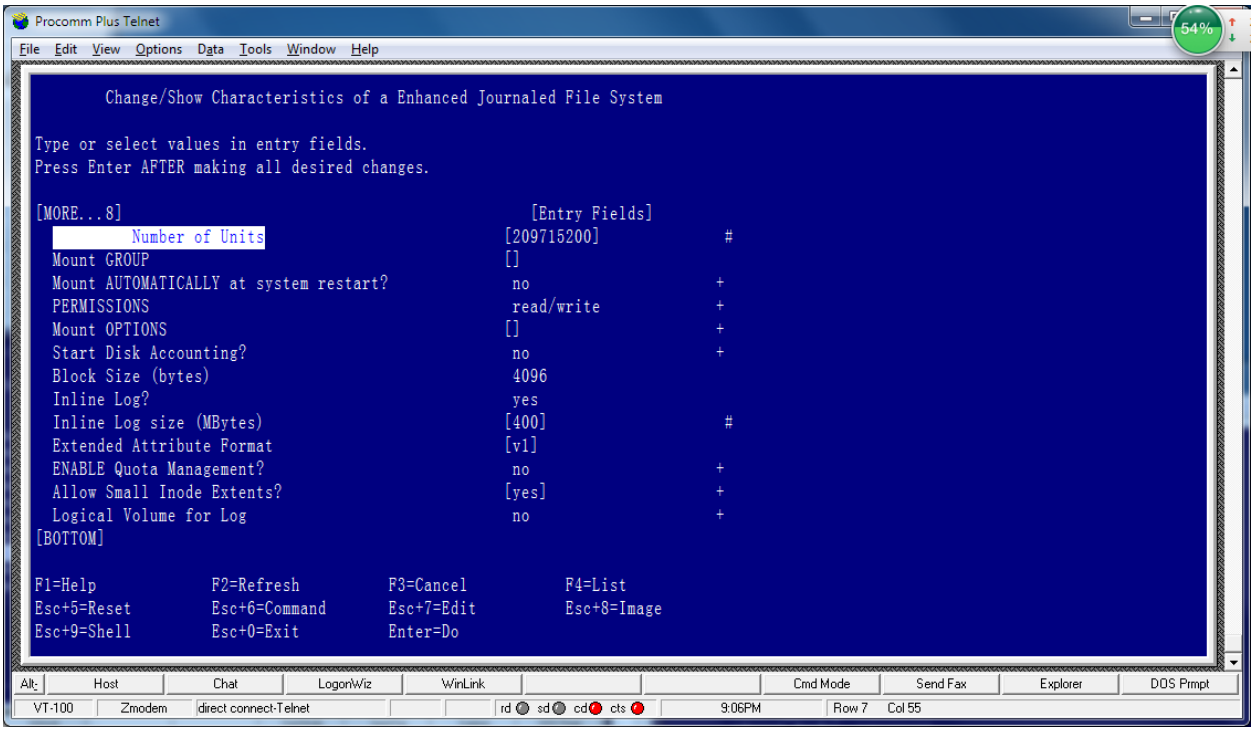


add the size of filesystem /lbosdata1

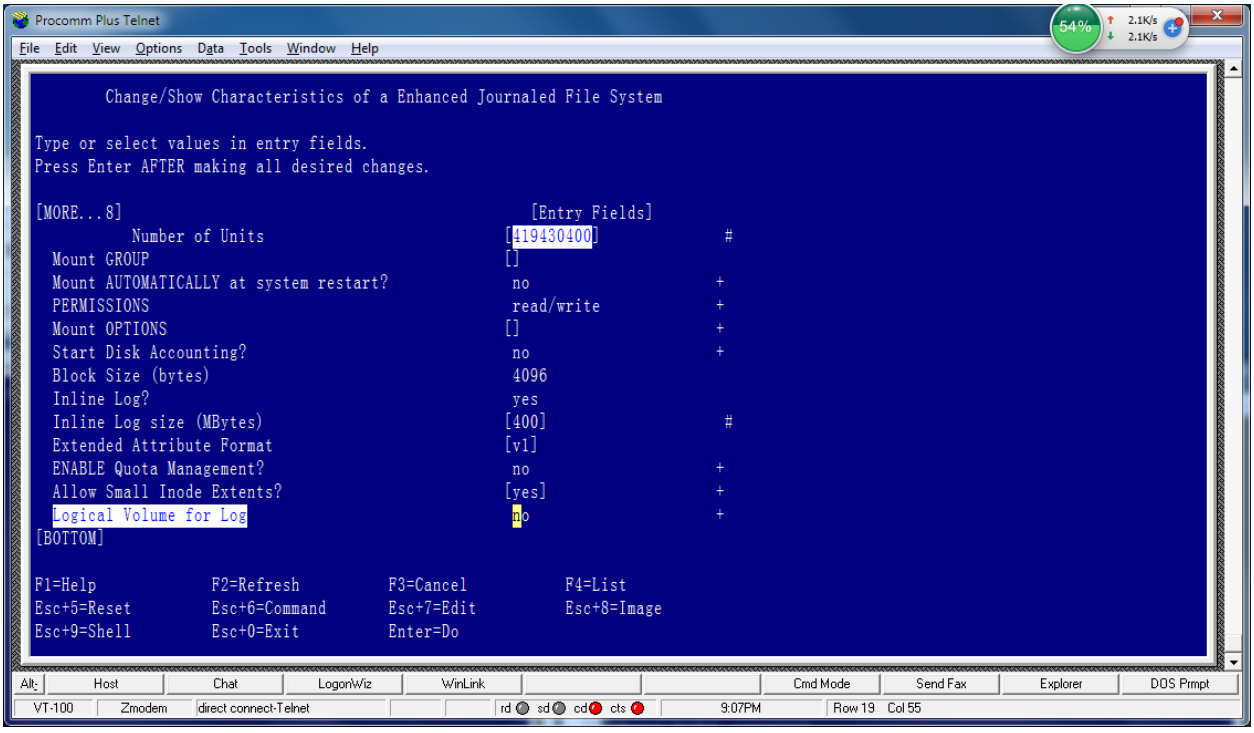


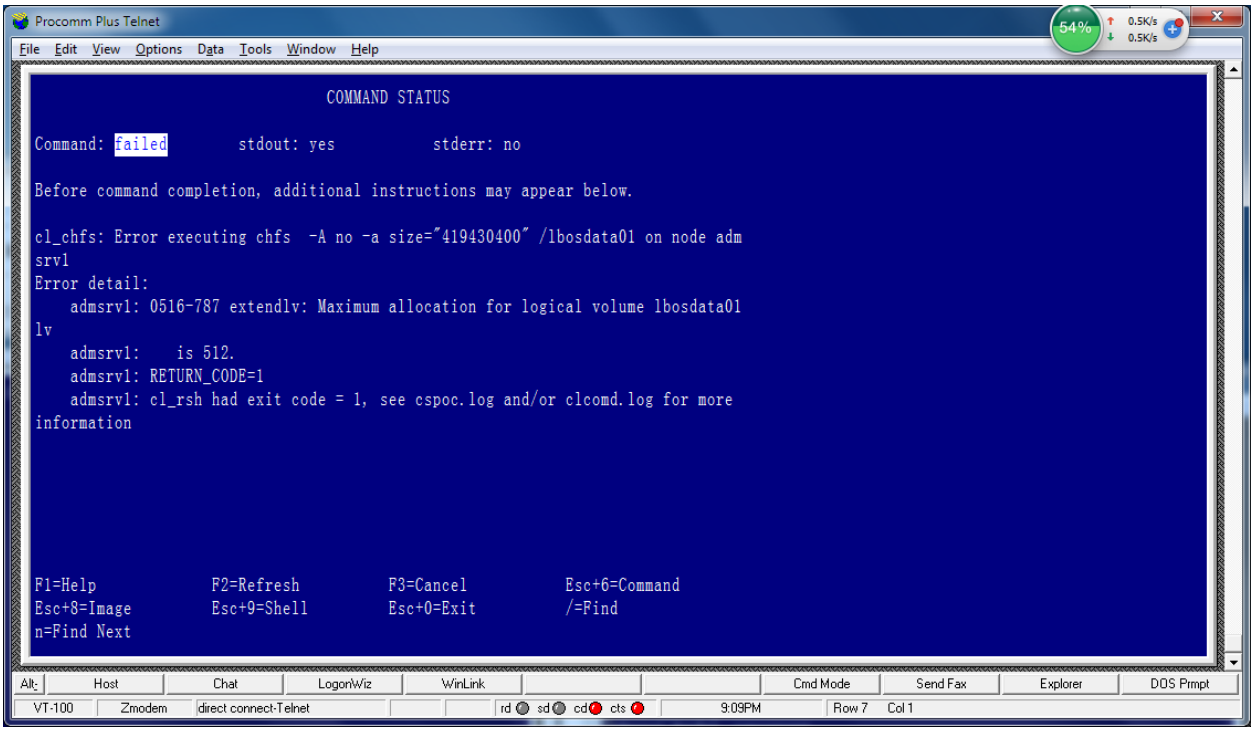

Procomm Plus Telnet
File Edit View Options Data Tools Window Help
File Systems
Move cursor to desired item and press Enter.
List All File Systems by Volume Group
Add a File System
Change / Show Characteristics of a File System
Remove a File System
F1=Help F2=Refresh F3=Cancel Esc+8=Image
Esc+9=Shell Esc+0=Exit Enter=Do
Alt: Host Chat LogonWiz WinLink Cmd Mode Send Fax Explorer DOS Prmpt
VT-100 Zmodem direct connect-Telnet rd sd cd cts 9:04PM Row 7 Col 2

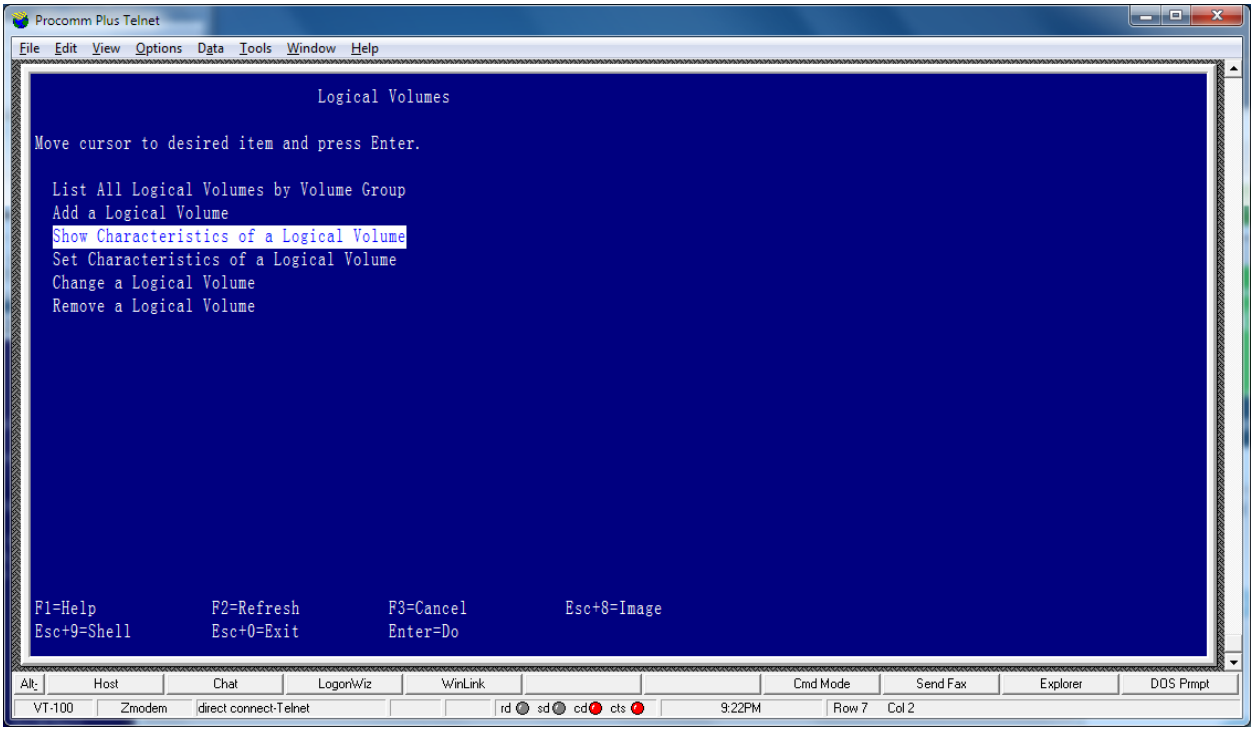

Procomm Plus Telnet
File Edit View Options Data Tools Window Help
File Systems
Select the File System to Show or Change
Move cursor to desired item and press Enter. Use arrow keys to scroll.
[MORE...3]
/admsrv admsrv1_appvg admsrv1_RG
/arstmp admsrv1_appvg admsrv1_RG
/home/db2inst1 admsrv1_cmvg admsrv1_RG
/home/db2fenc1 admsrv1_cmvg admsrv1_RG
/home/db2inst2 admsrv1_cmvg admsrv1_RG
/home/db2fenc2 admsrv1_cmvg admsrv1_RG
/ubosstg admsrv1_doc1vg admsrv1_RG
/lbosdata01 admsrv1_doc1vg admsrv1_RG
/lbosdata02 admsrv1_doc1vg admsrv1_RG
/lbosdata03 admsrv1_doc1vg admsrv1_RG
[MORE...41]
F1=Help F2=Refresh F3=Cancel
Esc+8=Image Esc+0=Exit Enter=Do
F1 /=Find n=Find Next
Es
Alt: Host Chat LogonWiz WinLink Cmd Mode Send Fax Explorer DOS Prmpt
VT-100 Zmodem direct connect-Telnet rd sd cd cts 9:04PM Row 16 Col 6

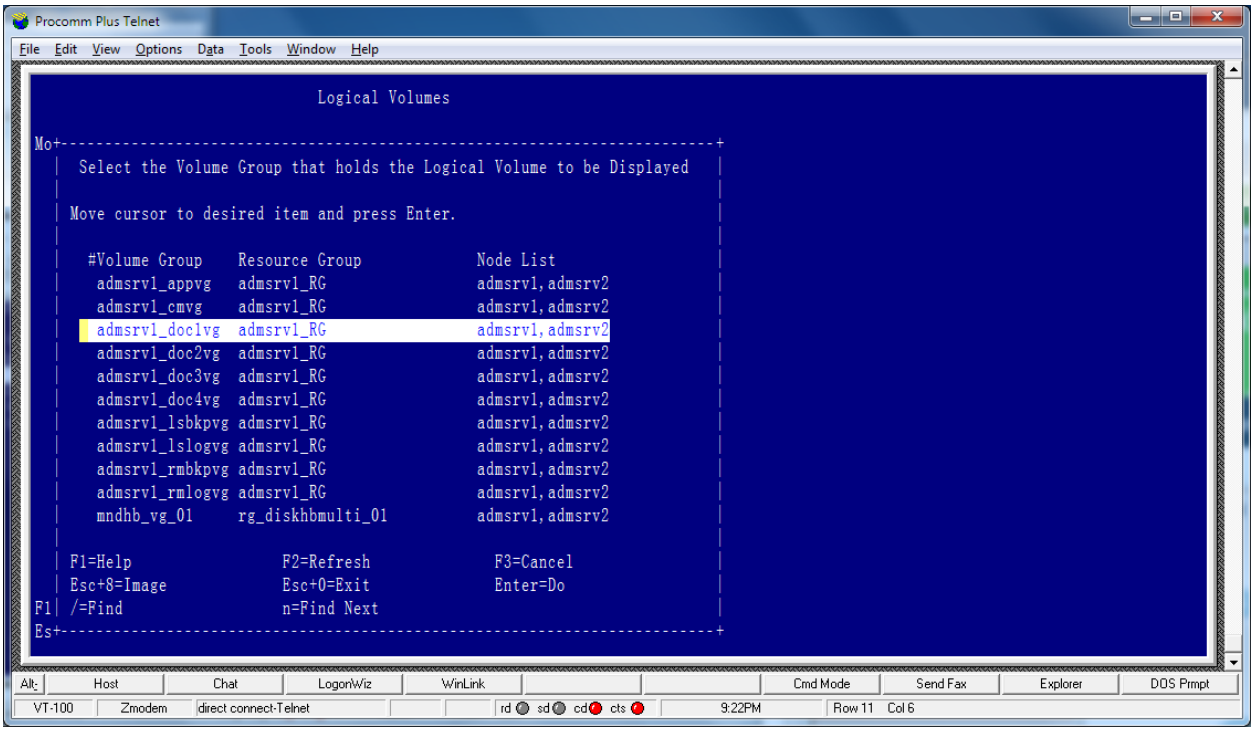


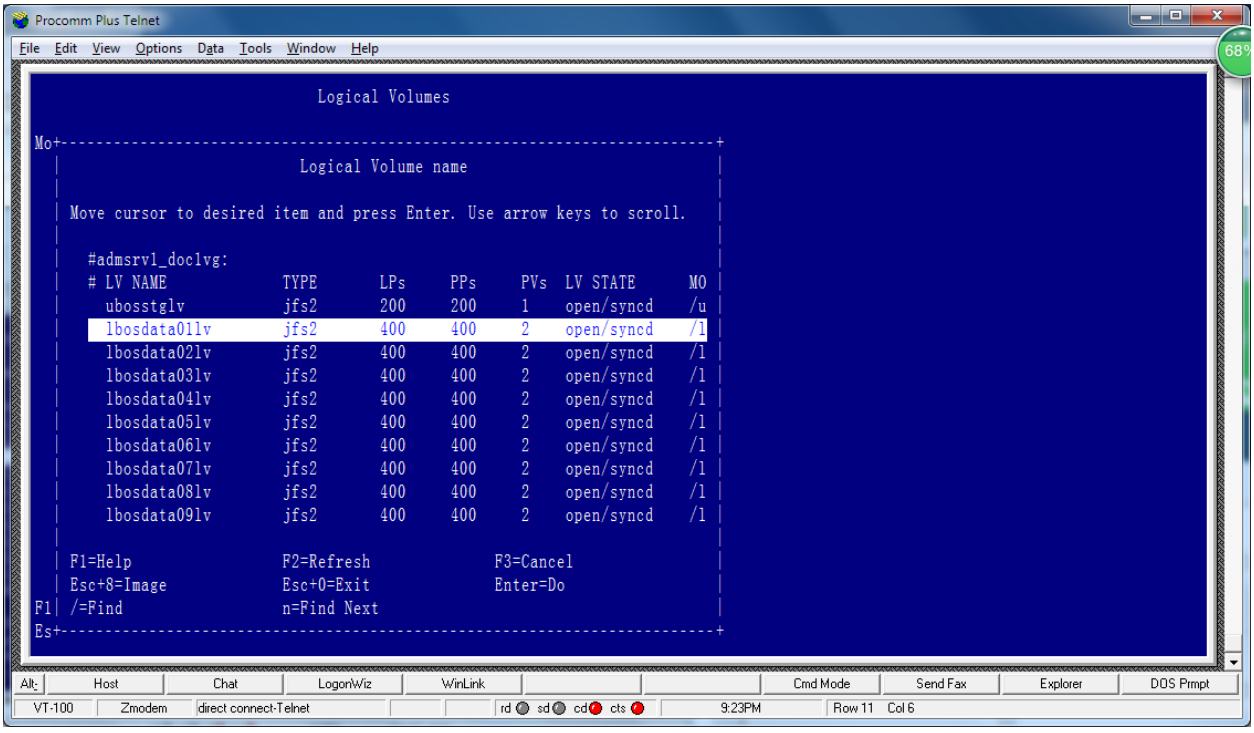
209715200*2=419430400

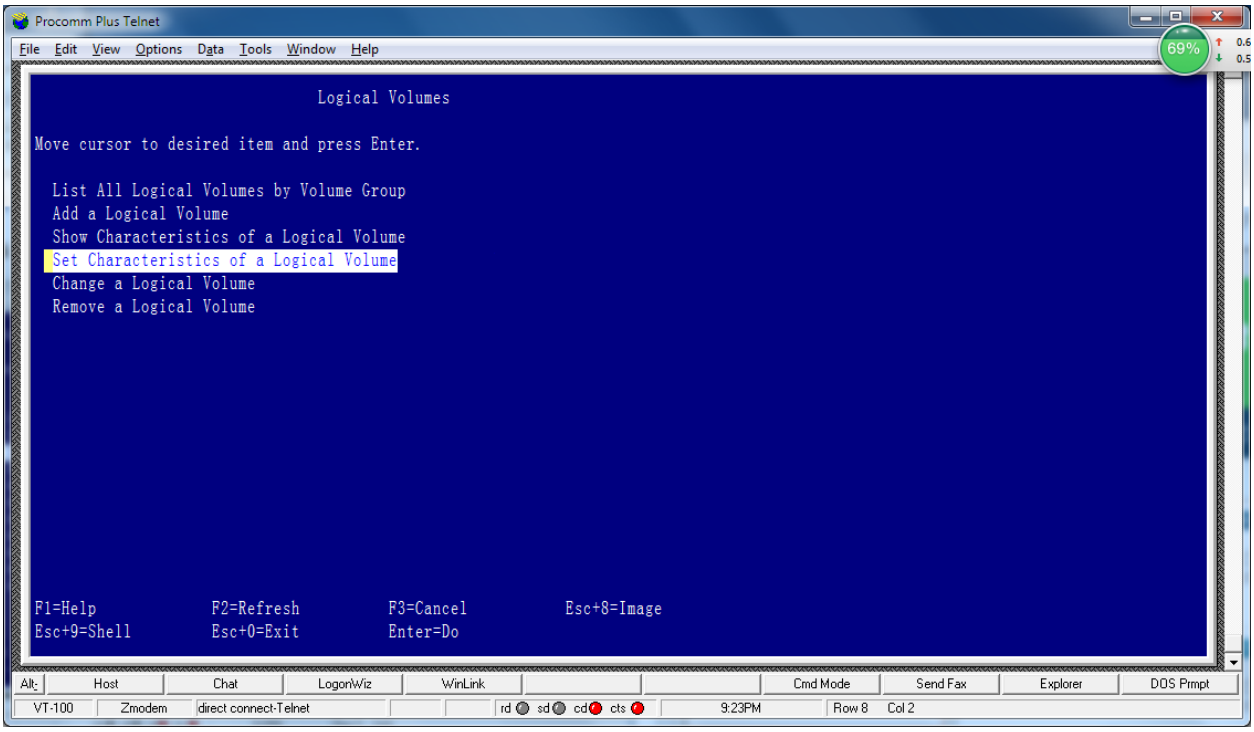


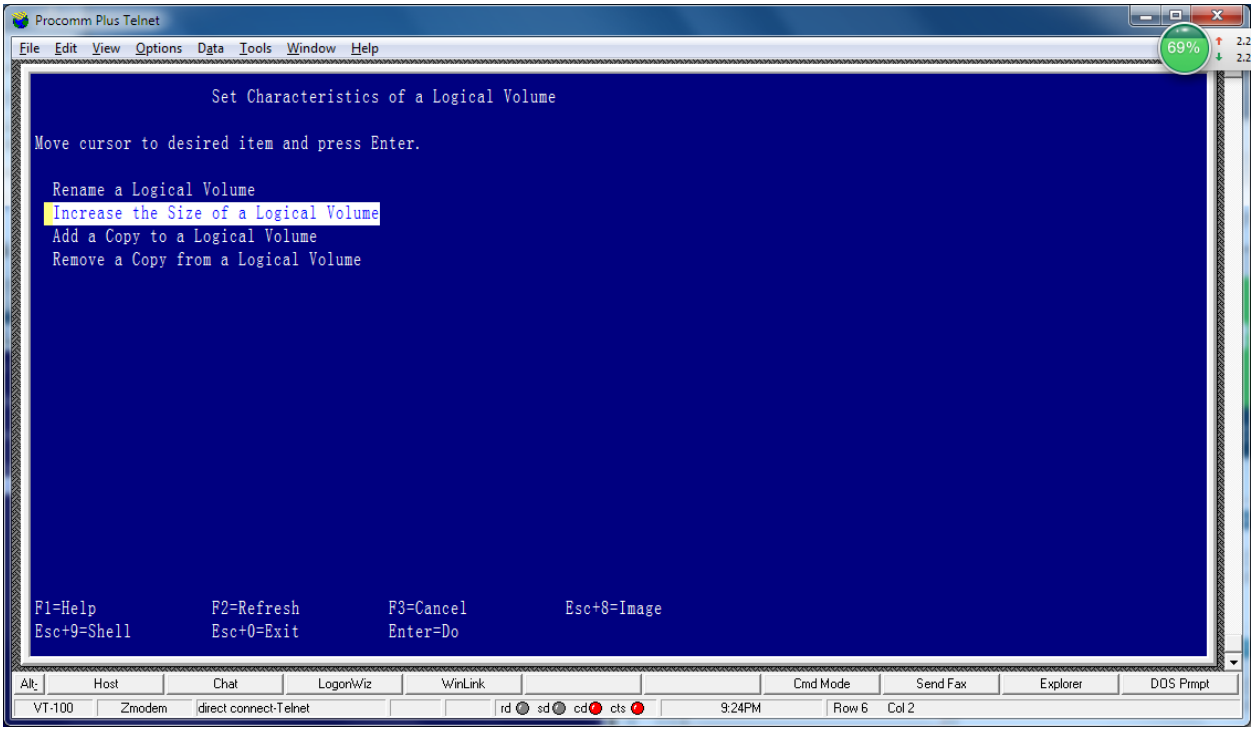

Procomm Plus Telnet
File Edit View Options Data Tools Window Help
COMMAND STATUS
Command: failed stdout: yes stderr: no
Before command completion, additional instructions may appear below.
cl_chfs: Error executing chfs -A no -a size="419430400" /lbosdata01 on node adm
srv1
Error detail:
admsrv1: 0516-787 extendlv: Maximum allocation for logical volume lbosdata01
lv
admsrv1: is 512.
admsrv1: RETURN_CODE=1
admsrv1: cl_rsh had exit code = 1, see cspoc.log and/or clcomd.log for more
information
F1=Help F2=Refresh F3=Cancel Esc+6=Command
Esc+8=Image Esc+9=Shell Esc+0=Exit /=Find
n=Find Next
Alt: Host Chat LogonWiz WinLink Cmd Mode Send Fax Explorer DOS Prmpt
VT-100 Zmodem direct connect-Telnet rd sd cd cts 9:09PM Row 7 Col 1

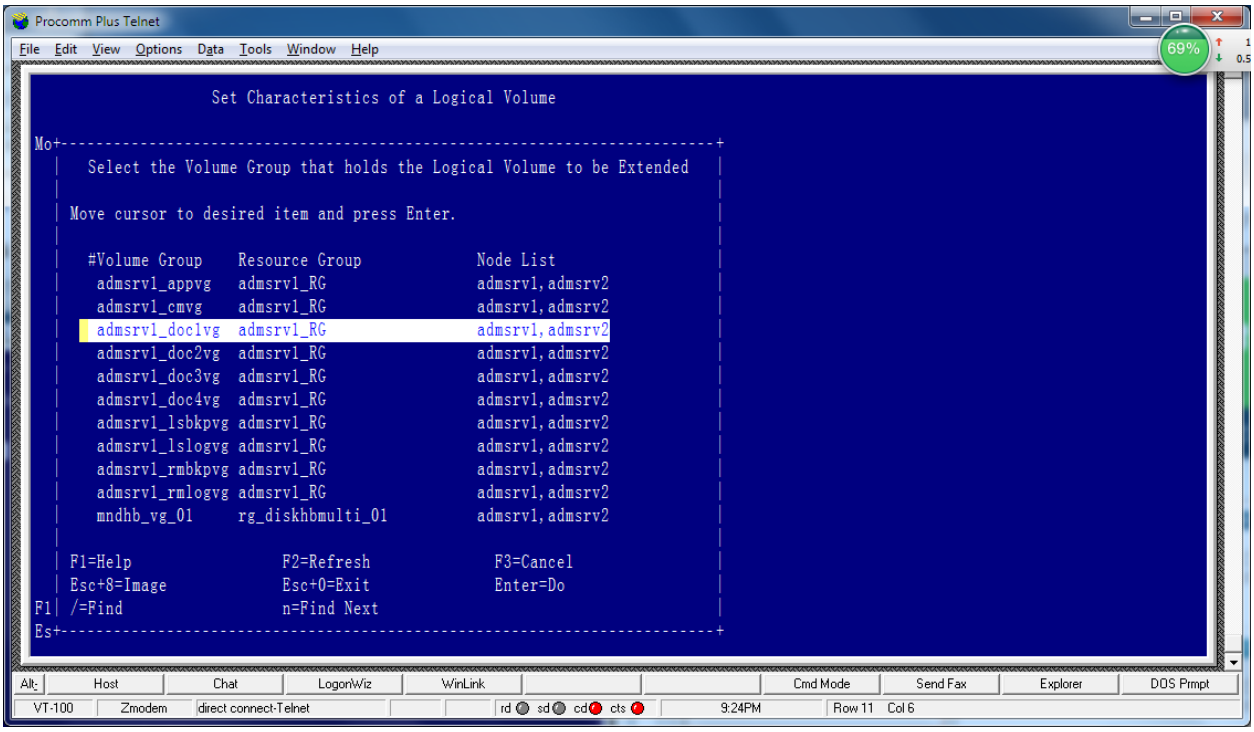

Procomm Plus Telnet
File Edit View Options Data Tools Window Help
Logical Volumes
Move cursor to desired item and press Enter.
List All Logical Volumes by Volume Group
Add a Logical Volume
Show Characteristics of a Logical Volume
Set Characteristics of a Logical Volume
Change a Logical Volume
Remove a Logical Volume
F1=Help F2=Refresh F3=Cancel Esc+8=Image
Esc+9=Shell Esc+0=Exit Enter=Do
Alt: Host Chat LogonWiz WinLink Cmd Mode Send Fax Explorer DOS Prmpt
VT-100 Zmodem direct connect-Telnet rd sd cd cts 9:22PM Row 7 Col 2

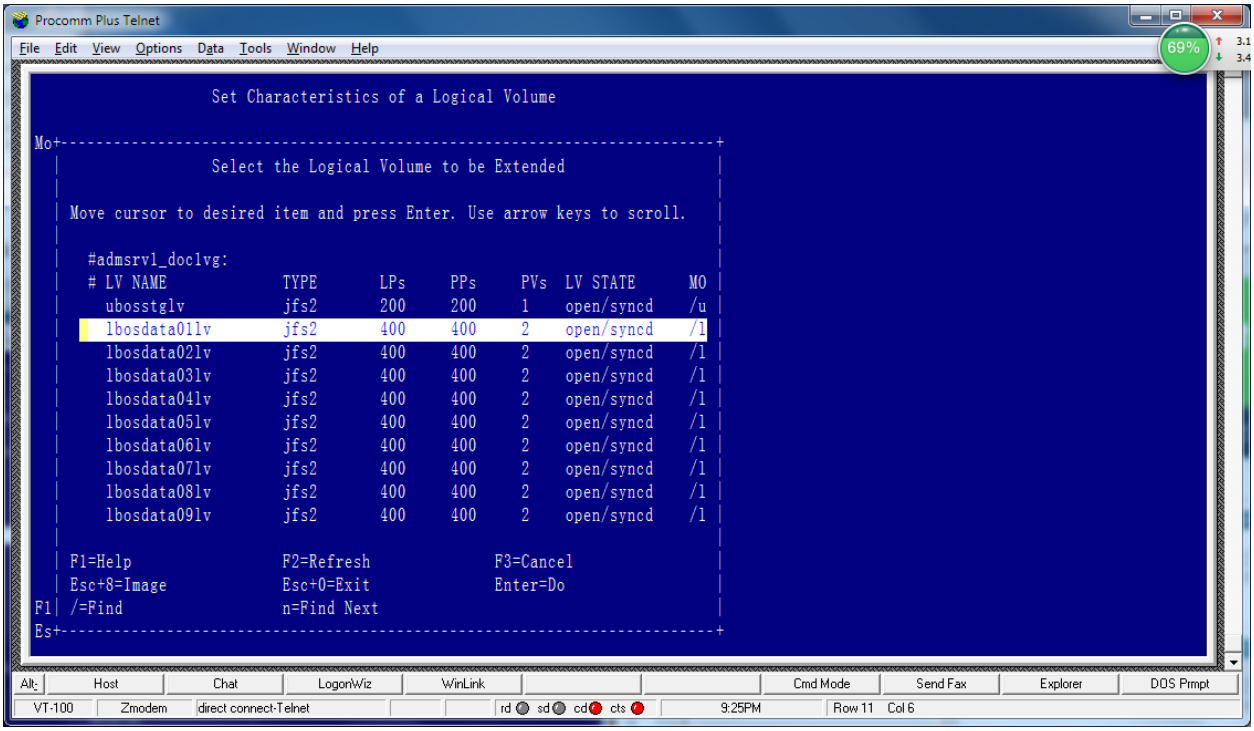

Procomm Plus Telnet
File Edit View Options Data Tools Window Help
Logical Volumes
Select the Volume Group that holds the Logical Volume to be Displayed
Move cursor to desired item and press Enter.
#Volume Group Resource Group Node List
admsrv1_appvg admsrv1_RG admsrv1,admsrv2
admsrv1_cmvg admsrv1_RG admsrv1,admsrv2
admsrv1_doc1vg admsrv1_RG admsrv1,admsrv2
admsrv1_doc2vg admsrv1_RG admsrv1,admsrv2
admsrv1_doc3vg admsrv1_RG admsrv1,admsrv2
admsrv1_doc4vg admsrv1_RG admsrv1,admsrv2
admsrv1_lsbkpvg admsrv1_RG admsrv1,admsrv2
admsrv1_lslogvg admsrv1_RG admsrv1,admsrv2
admsrv1_rmbkpvg admsrv1_RG admsrv1,admsrv2
admsrv1_rmlogvg admsrv1_RG admsrv1,admsrv2
mndhb_vg_01 rg_diskhbmulti_01 admsrv1,admsrv2
F1=Help F2=Refresh F3=Cancel
Esc+8=Image Esc+0=Exit Enter=Do
F1 /=Find n=Find Next
Es
Alt: Host Chat LogonWiz WinLink Cmd Mode Send Fax Explorer DOS Prmpt
VT-100 Zmodem direct connect-Telnet rd sd cd cts 9:22PM Row 11 Col 6

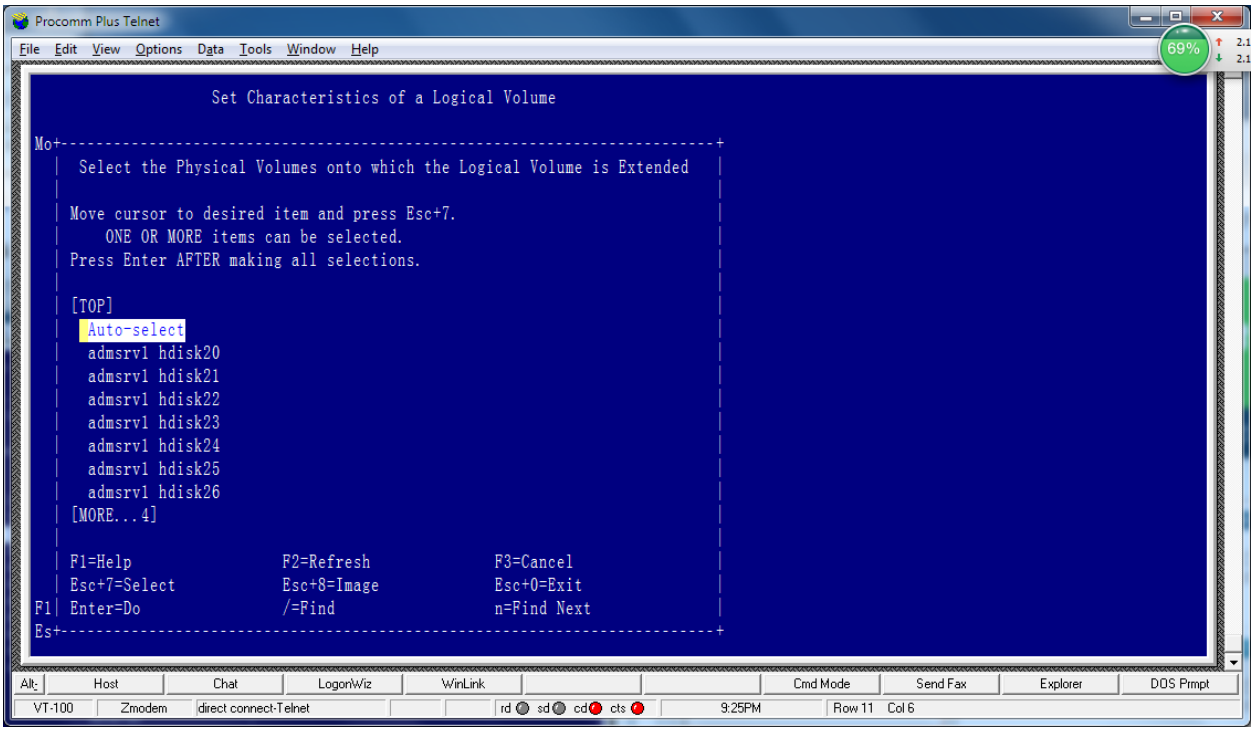

Procomm Plus Telnet
File Edit View Options Data Tools Window Help
Logical Volumes
Logical Volume name
Move cursor to desired item and press Enter. Use arrow keys to scroll.
#admsrv1_doc1vg:
LV NAME TYPE LPs PPs PVs LV STATE MO
ubosstglv jfs2 200 200 1 open/syncd /u
lbosdata01lv jfs2 400 400 2 open/syncd /l
lbosdata02lv jfs2 400 400 2 open/syncd /l
lbosdata03lv jfs2 400 400 2 open/syncd /l
lbosdata04lv jfs2 400 400 2 open/syncd /l
lbosdata05lv jfs2 400 400 2 open/syncd /l
lbosdata06lv jfs2 400 400 2 open/syncd /l
lbosdata07lv jfs2 400 400 2 open/syncd /l
lbosdata08lv jfs2 400 400 2 open/syncd /l
lbosdata09lv jfs2 400 400 2 open/syncd /l
F1=Help F2=Refresh F3=Cancel
Esc+8=Image Esc+0=Exit Enter=Do
F1 /=Find n=Find Next
Es
Alt: Host Chat LogonWiz WinLink Cmd Mode Send Fax Explorer DOS Prmpt
VT-100 Zmodem direct connect-Telnet rd sd cd cts 9:23PM Row 11 Col 6

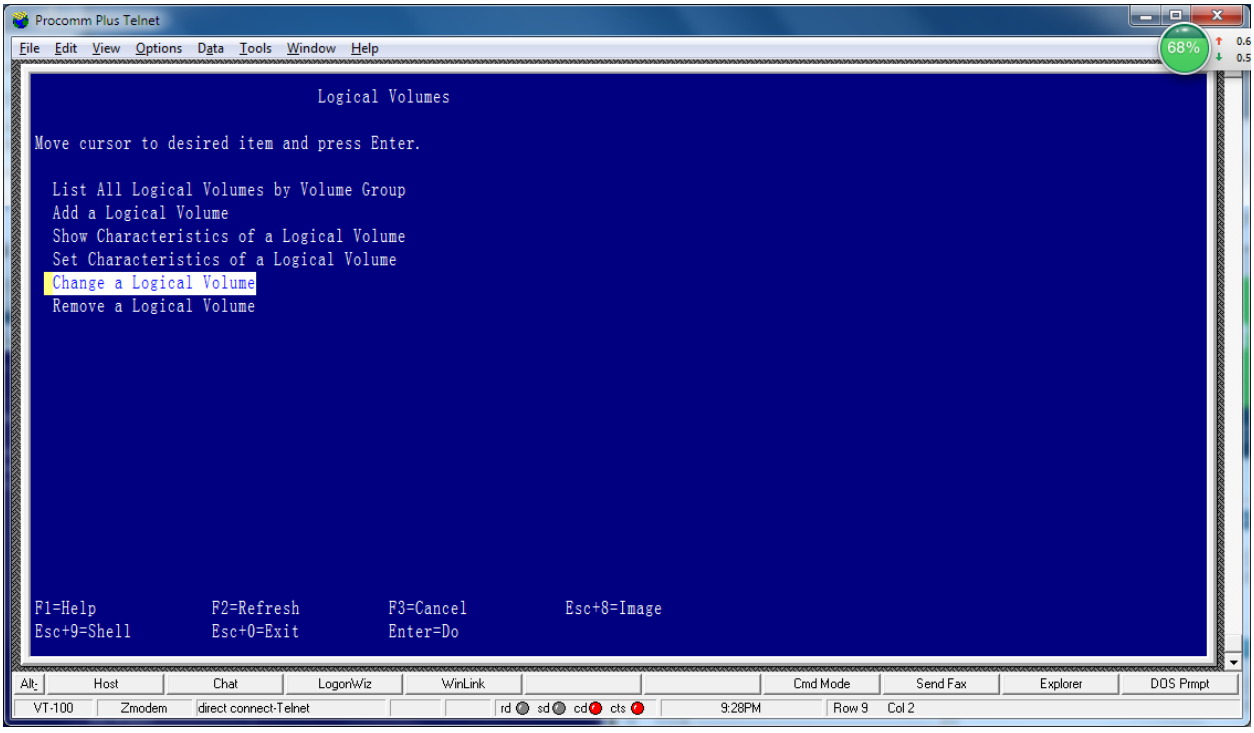

Procomm Plus Telnet
File Edit View Options Data Tools Window Help
69%
Logical Volumes
Move cursor to desired item and press Enter.
List All Logical Volumes by Volume Group
Add a Logical Volume
Show Characteristics of a Logical Volume
Set Characteristics of a Logical Volume
Change a Logical Volume
Remove a Logical Volume
F1=Help
F2=Refresh
F3=Cancel
Esc+8=Image
Esc+9=Shell
Esc+0=Exit
Enter=Do
Alt: Host Chat LogonWiz WinLink Cmd Mode Send Fax Explorer DOS Prmpt
VT-100 Zmodem direct connect-Telnet rd sd cd cts 9:23PM Row 8 Col 2

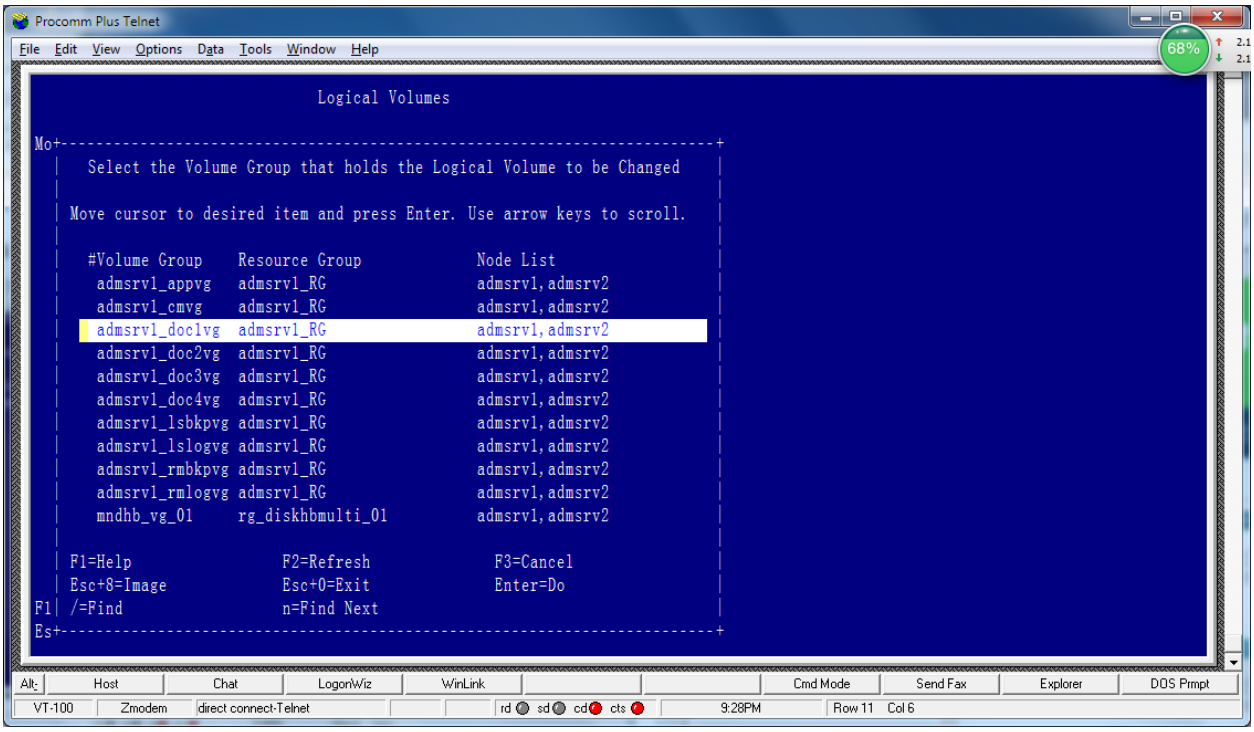

Procomm Plus Telnet
File Edit View Options Data Tools Window Help
69%
Set Characteristics of a Logical Volume
Move cursor to desired item and press Enter.
Rename a Logical Volume
Increase the Size of a Logical Volume
Add a Copy to a Logical Volume
Remove a Copy from a Logical Volume
F1=Help
F2=Refresh
F3=Cancel
Esc+8=Image
Esc+9=Shell
Esc+0=Exit
Enter=Do
Alt: Host Chat LogonWiz WinLink Cmd Mode Send Fax Explorer DOS Prmpt
VT-100 Zmodem direct connect-Telnet rd sd cd cts 9:24PM Row 6 Col 2

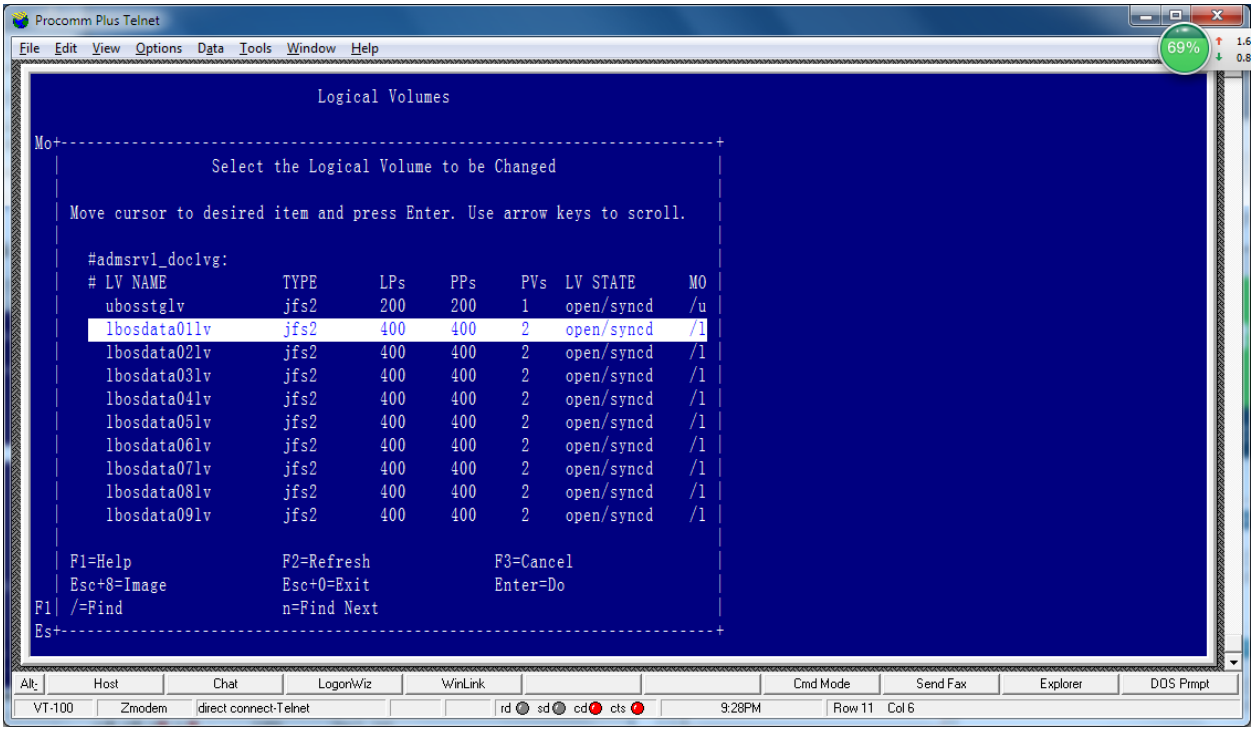

Procomm Plus Telnet
File Edit View Options Data Tools Window Help
69%
Set Characteristics of a Logical Volume
Select the Volume Group that holds the Logical Volume to be Extended
Move cursor to desired item and press Enter.
#Volume Group Resource Group Node List
admsrv1_appvg admsrv1_RG admsrv1,admsrv2
admsrv1_cmvg admsrv1_RG admsrv1,admsrv2
admsrv1_doc1vg admsrv1_RG admsrv1,admsrv2
admsrv1_doc2vg admsrv1_RG admsrv1,admsrv2
admsrv1_doc3vg admsrv1_RG admsrv1,admsrv2
admsrv1_doc4vg admsrv1_RG admsrv1,admsrv2
admsrv1_lsbkpvg admsrv1_RG admsrv1,admsrv2
admsrv1_lslogvg admsrv1_RG admsrv1,admsrv2
admsrv1_rmbkpvg admsrv1_RG admsrv1,admsrv2
admsrv1_rmlogvg admsrv1_RG admsrv1,admsrv2
mndhb_vg_01 rg_diskhbmulti_01 admsrv1,admsrv2
F1=Help F2=Refresh F3=Cancel
Esc+8=Image Esc+0=Exit Enter=Do
F1 /=Find n=Find Next
Es
Alt: Host Chat LogonWiz WinLink Cmd Mode Send Fax Explorer DOS Prmpt
VT-100 Zmodem direct connect-Telnet rd sd cd cts 9:24PM Row 11 Col 6

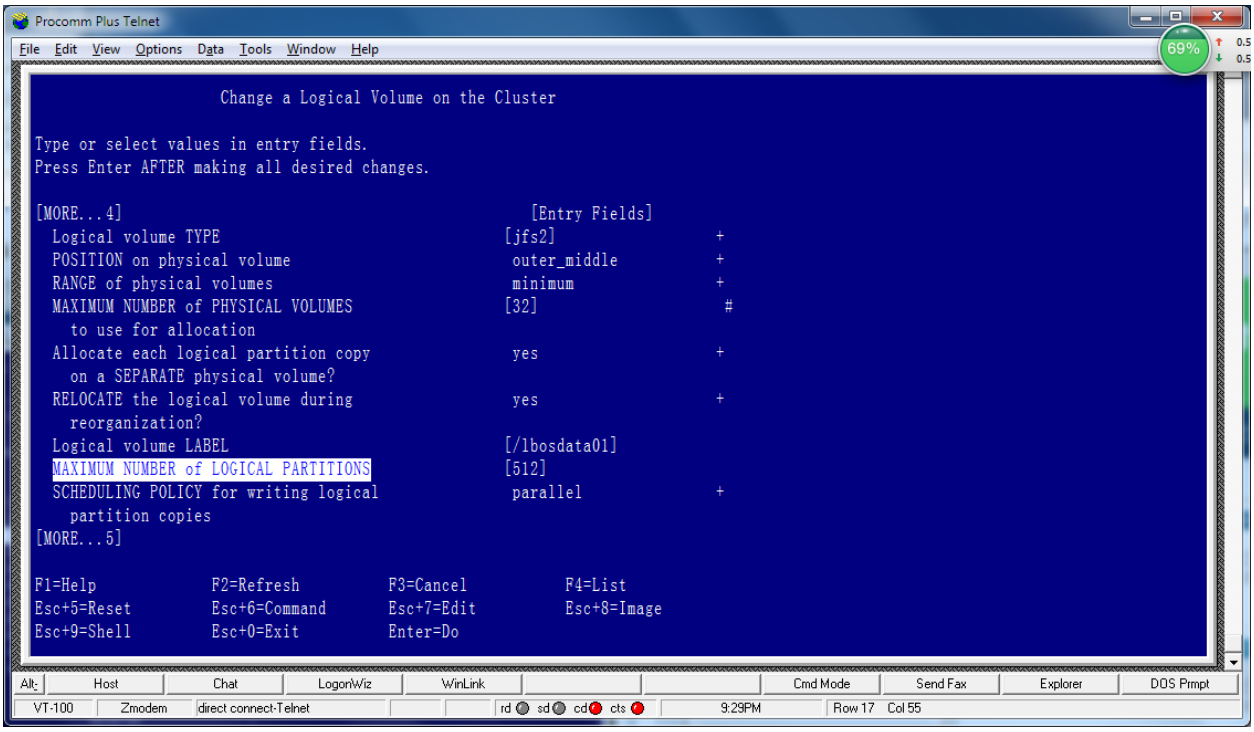

Procomm Plus Telnet
File Edit View Options Data Tools Window Help
69%
Set Characteristics of a Logical Volume
Select the Logical Volume to be Extended
Move cursor to desired item and press Enter. Use arrow keys to scroll.
#admsrv1_doc1vg:
LV NAME TYPE LPs PPs PVs LV STATE MO
ubosstglv jfs2 200 200 1 open/syncd /u
lbosdata01lv jfs2 400 400 2 open/syncd /l
lbosdata02lv jfs2 400 400 2 open/syncd /l
lbosdata03lv jfs2 400 400 2 open/syncd /l
lbosdata04lv jfs2 400 400 2 open/syncd /l
lbosdata05lv jfs2 400 400 2 open/syncd /l
lbosdata06lv jfs2 400 400 2 open/syncd /l
lbosdata07lv jfs2 400 400 2 open/syncd /l
lbosdata08lv jfs2 400 400 2 open/syncd /l
lbosdata09lv jfs2 400 400 2 open/syncd /l
F1=Help F2=Refresh F3=Cancel
Esc+8=Image Esc+0=Exit Enter=Do
F1 /=Find n=Find Next
Es
Alt: Host Chat LogonWiz WinLink Cmd Mode Send Fax Explorer DOS Prmpt
VT-100 Zmodem direct connect-Telnet rd sd cd cts 9:25PM Row 11 Col 6


Procomm Plus Telnet
File Edit View Options Data Tools Window Help
69%
Set Characteristics of a Logical Volume
Select the Physical Volumes onto which the Logical Volume is Extended
Move cursor to desired item and press Esc+7.
ONE OR MORE items can be selected.
Press Enter AFTER making all selections.
[TOP]
Auto-select
admsrv1 hdisk20
admsrv1 hdisk21
admsrv1 hdisk22
admsrv1 hdisk23
admsrv1 hdisk24
admsrv1 hdisk25
admsrv1 hdisk26
[MORE...4]
F1=Help
F2=Refresh
F3=Cancel
Esc+7=Select
Esc+8=Image
Esc+0=Exit
Enter=Do
/=Find
n=Find Next
Alt: Host Chat LogonWiz WinLink Cmd Mode Send Fax Explorer DOS Prmpt
VT-100 Zmodem direct connect-Telnet rd sd cd cts 9:25PM Row 11 Col 6

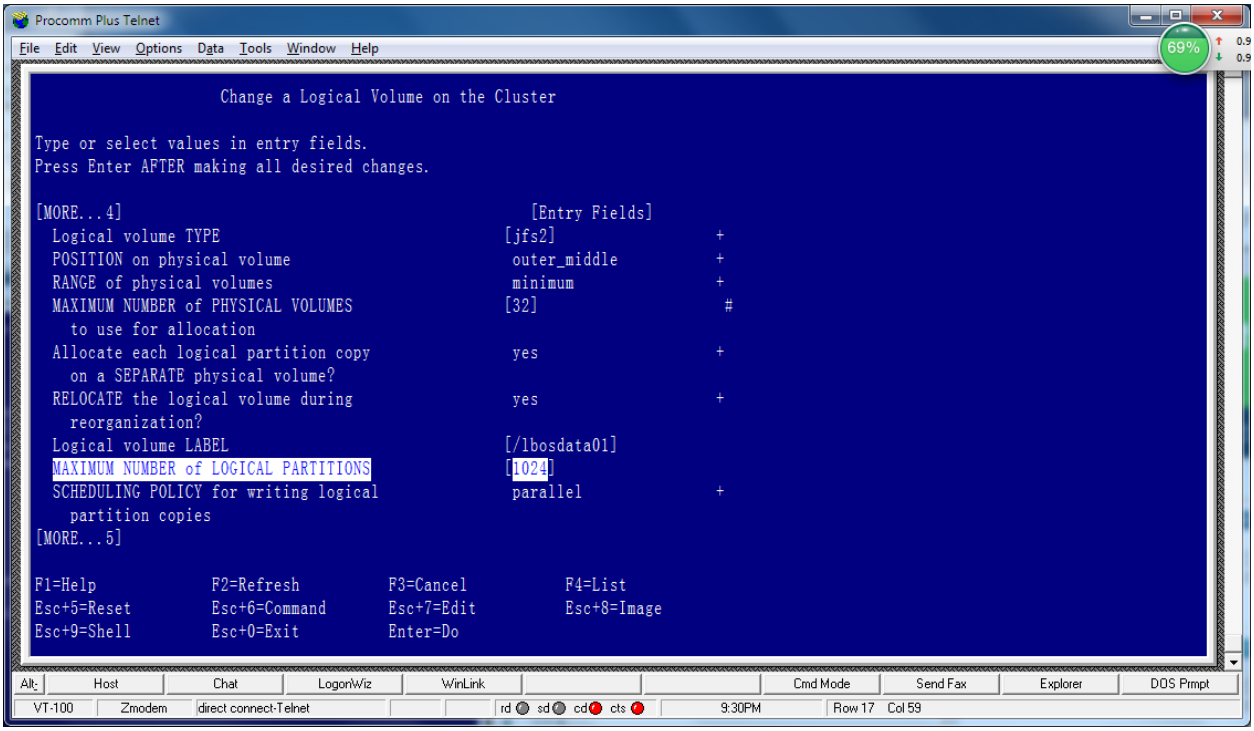

Procomm Plus Telnet
File Edit View Options Data Tools Window Help
68%
Logical Volumes
Move cursor to desired item and press Enter.
List All Logical Volumes by Volume Group
Add a Logical Volume
Show Characteristics of a Logical Volume
Set Characteristics of a Logical Volume
Change a Logical Volume
Remove a Logical Volume
F1=Help
F2=Refresh
F3=Cancel
Esc+8=Image
Esc+9=Shell
Esc+0=Exit
Enter=Do
Alt: Host Chat LogonWiz WinLink Cmd Mode Send Fax Explorer DOS Prmpt
VT-100 Zmodem direct connect-Telnet rd sd cd cts 9:28PM Row 9 Col 2

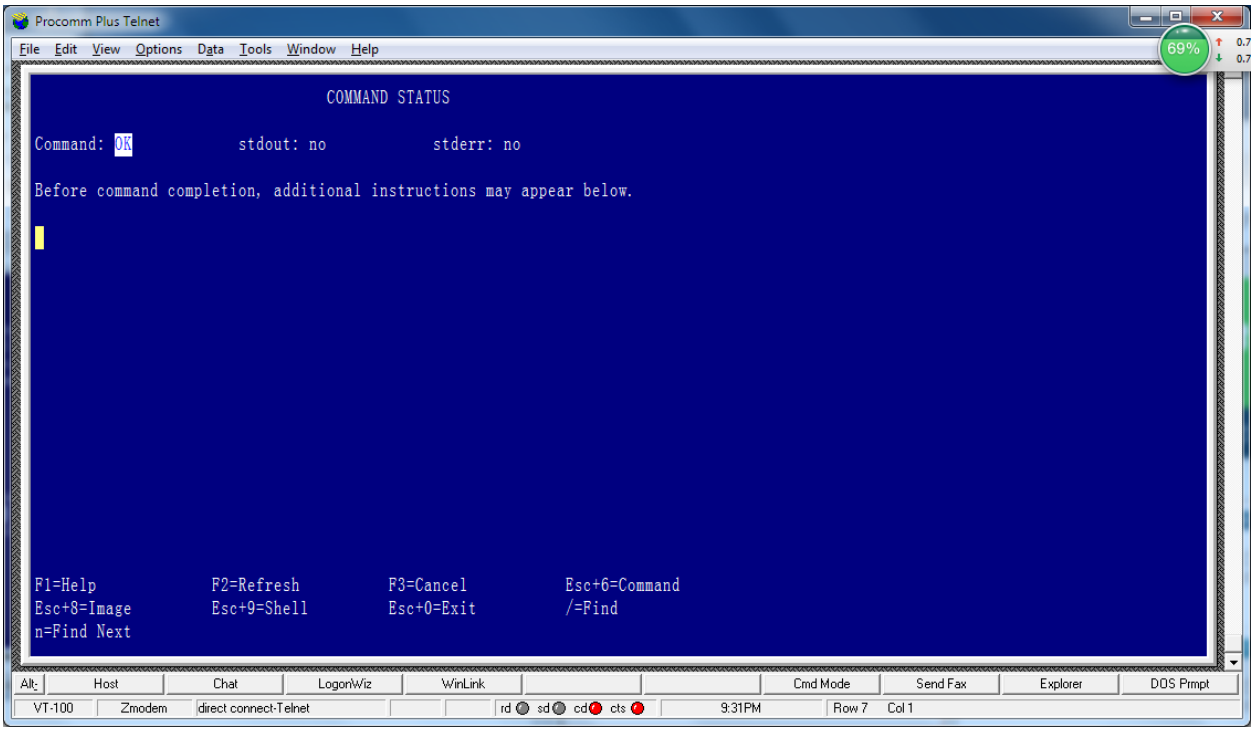

Procomm Plus Telnet
File Edit View Options Data Tools Window Help
68%
Logical Volumes
Select the Volume Group that holds the Logical Volume to be Changed
Move cursor to desired item and press Enter. Use arrow keys to scroll.
#Volume Group Resource Group Node List
admsrv1_appvg admsrv1_RG admsrv1,admsrv2
admsrv1_cmvg admsrv1_RG admsrv1,admsrv2
admsrv1_doc1vg admsrv1_RG admsrv1,admsrv2
admsrv1_doc2vg admsrv1_RG admsrv1,admsrv2
admsrv1_doc3vg admsrv1_RG admsrv1,admsrv2
admsrv1_doc4vg admsrv1_RG admsrv1,admsrv2
admsrv1_lsbkpvg admsrv1_RG admsrv1,admsrv2
admsrv1_lslogvg admsrv1_RG admsrv1,admsrv2
admsrv1_rmbkpvg admsrv1_RG admsrv1,admsrv2
admsrv1_rmlogvg admsrv1_RG admsrv1,admsrv2
mndhb_vg_01 rg_diskhbmulti_01 admsrv1,admsrv2
F1=Help F2=Refresh F3=Cancel
Esc+8=Image Esc+0=Exit Enter=Do
F1 /=Find n=Find Next
Es
Alt: Host Chat LogonWiz WinLink Cmd Mode Send Fax Explorer DOS Prmpt
VT-100 Zmodem direct connect-Telnet rd sd cd cts 9:28PM Row 11 Col 6

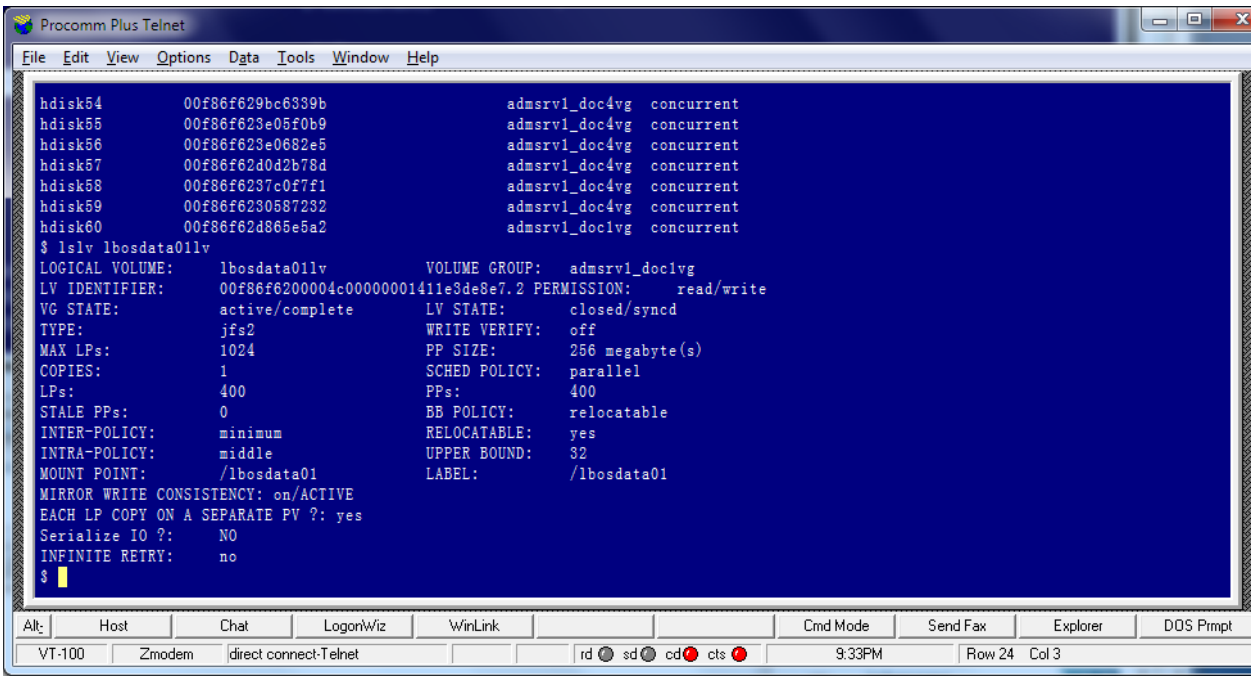

Procomm Plus Telnet
File Edit View Options Data Tools Window Help
69%
Logical Volumes
Select the Logical Volume to be Changed
Move cursor to desired item and press Enter. Use arrow keys to scroll.
#admsrv1_doc1vg:
LV NAME TYPE LPs PPs PVs LV STATE MO
ubosstglv jfs2 200 200 1 open/syncd /u
lbosdata01lv jfs2 400 400 2 open/syncd /l
lbosdata02lv jfs2 400 400 2 open/syncd /l
lbosdata03lv jfs2 400 400 2 open/syncd /l
lbosdata04lv jfs2 400 400 2 open/syncd /l
lbosdata05lv jfs2 400 400 2 open/syncd /l
lbosdata06lv jfs2 400 400 2 open/syncd /l
lbosdata07lv jfs2 400 400 2 open/syncd /l
lbosdata08lv jfs2 400 400 2 open/syncd /l
lbosdata09lv jfs2 400 400 2 open/syncd /l
F1=Help F2=Refresh F3=Cancel
Esc+8=Image Esc+0=Exit Enter=Do
F1 /=Find n=Find Next
Es
Alt: Host Chat LogonWiz WinLink Cmd Mode Send Fax Explorer DOS Prmpt
VT-100 Zmodem direct connect-Telnet rd sd cd cts 9:28PM Row 11 Col 6



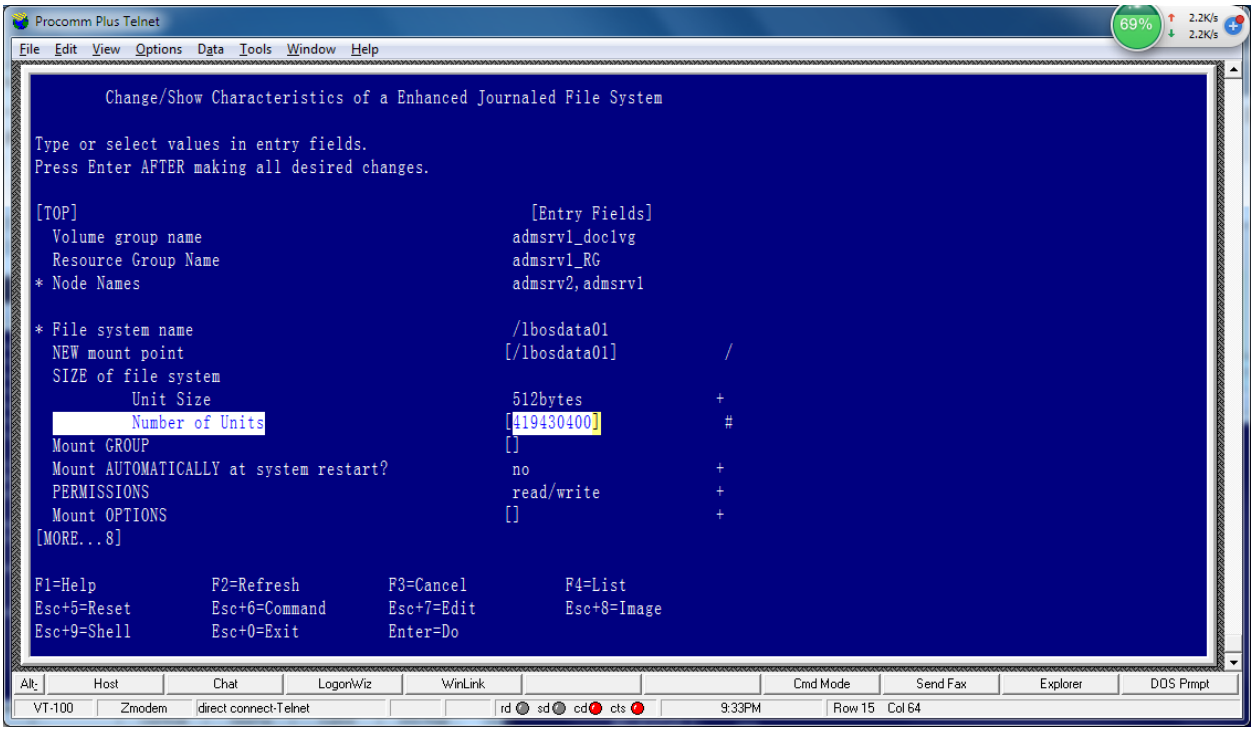
MAXIMUM NUMBER of LOGICAL PARTITIONS 512*2=1024

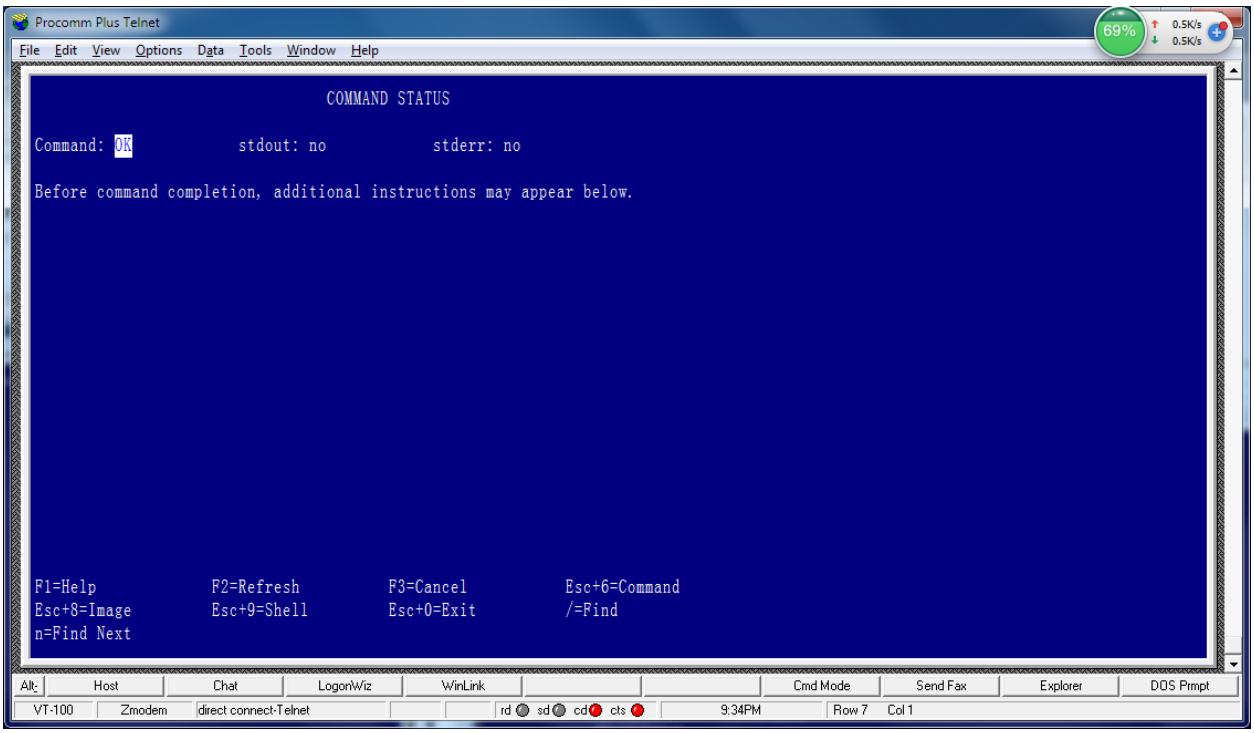




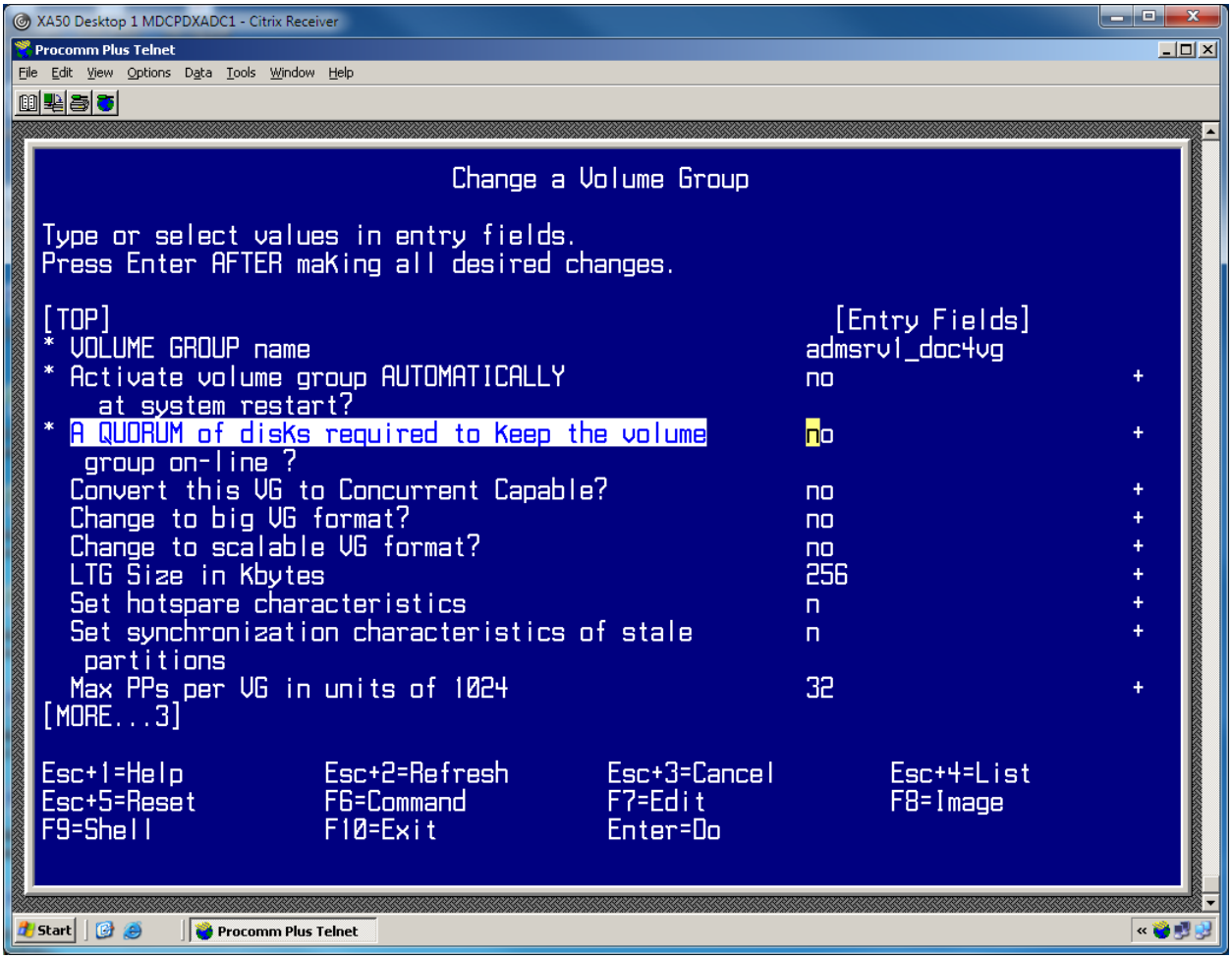


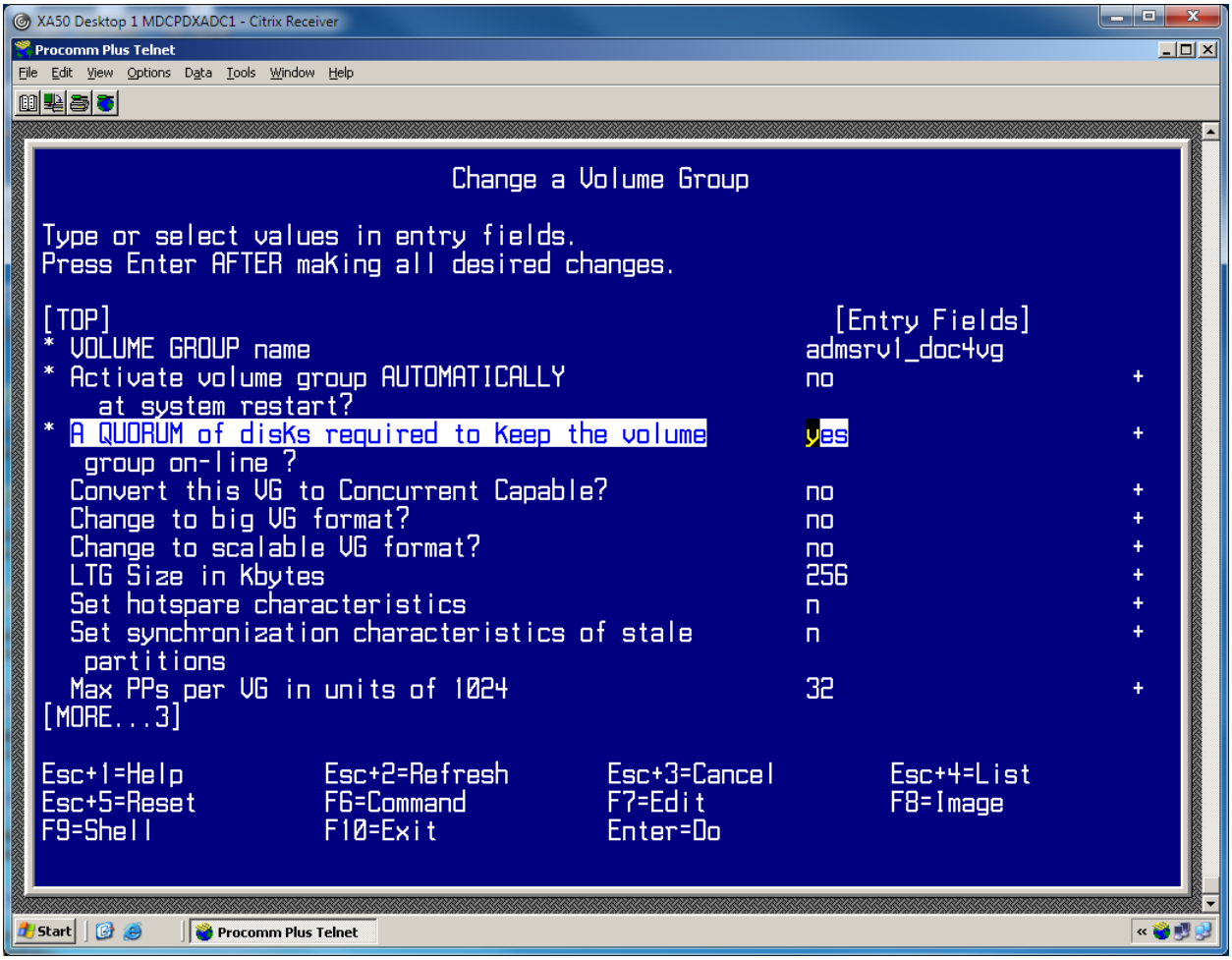
The max LPs of lbosdata01lv is 1024 now(from 512), we can extend it’s file system directly now:

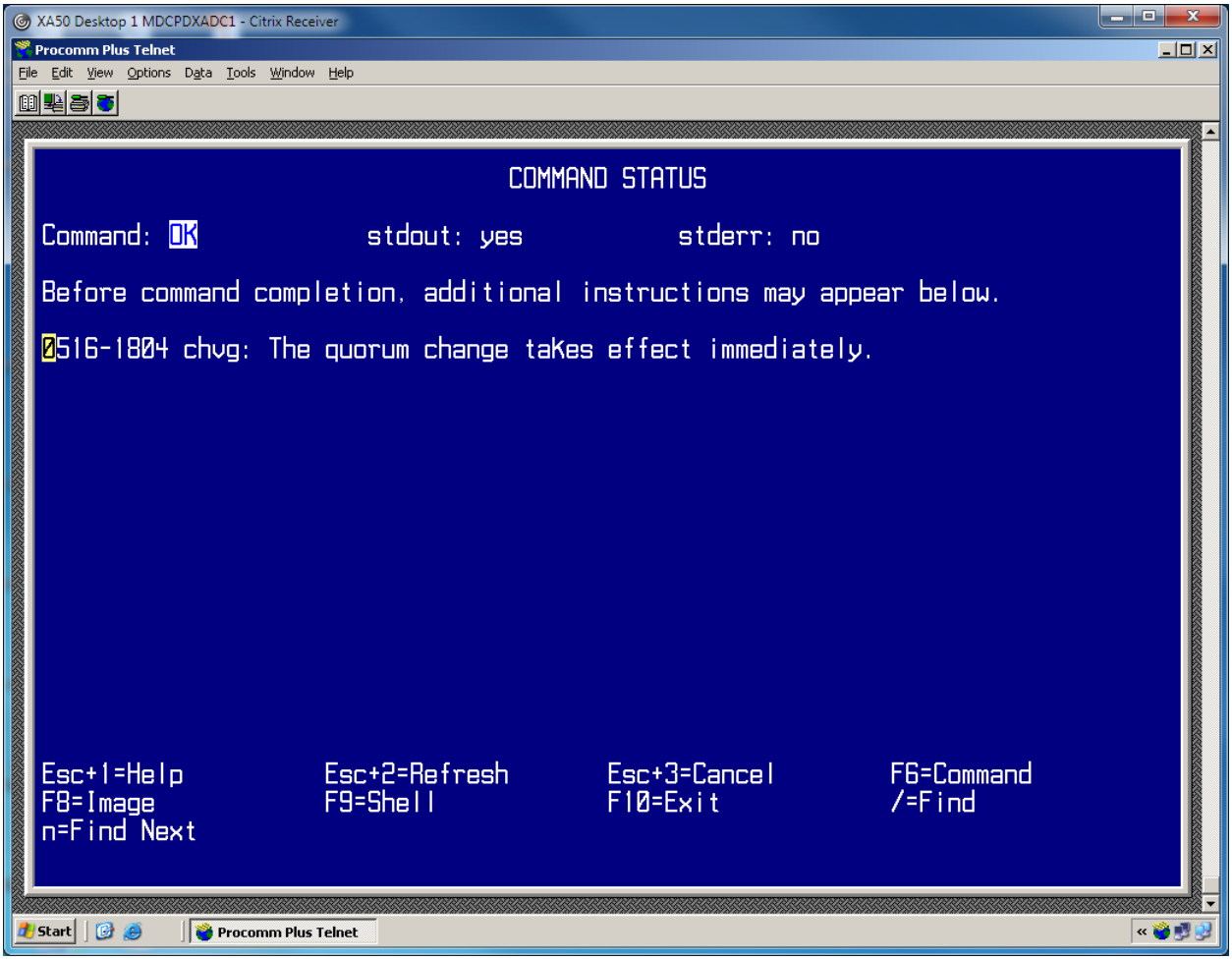

Procomm Plus Telnet
File Edit View Options Data Tools Window Help
Change/Show Characteristics of a Enhanced Journaled File System
Type or select values in entry fields.
Press Enter AFTER making all desired changes.
[TOP] [Entry Fields]
Volume group name admsrv1_doc1vg
Resource Group Name admsrv1_RG
* Node Names admsrv2,admsrv1
* File system name /lbosdata01
NEW mount point [/lbosdata01] /
SIZE of file system
Unit Size 512bytes +
Number of Units [419430400] #
Mount GROUP []
Mount AUTOMATICALLY at system restart? no +
PERMISSIONS read/write +
Mount OPTIONS [] +
[MORE...8]
F1=Help F2=Refresh F3=Cancel F4=List
Esc+5=Reset Esc+6=Command Esc+7=Edit Esc+8=Image
Esc+9=Shell Esc+0=Exit Enter=Do
Alt: Host Chat LogonWiz WinLink Cmd Mode Send Fax Explorer DOS Prmpt
VT-100 Zmodem direct connect-Telnet rd sd cd cts 9:33PM Row 15 Col 64


Procomm Plus Telnet
File Edit View Options Data Tools Window Help
COMMAND STATUS
Command: OK stdout: no stderr: no
Before command completion, additional instructions may appear below.
F1=Help F2=Refresh F3=Cancel Esc+6=Command
Esc+8=Image Esc+9=Shell Esc+0=Exit /=Find
n=Find Next
Alt: Host Chat LogonWiz WinLink Cmd Mode Send Fax Explorer DOS Prmpt
VT-100 Zmodem direct connect-Telnet rd sd cd cts 9:34PM Row 7 Col 1

On CGI test environment, to change admsrv1_doc4vg charactic of QUORUM from "no" to "yes"




XA50 Desktop 1 MDCPDXADC1 - Citrix Receiver
Procomm Plus Telnet
File Edit View Options Data Tools Window Help
Change a Volume Group
Type or select values in entry fields.
Press Enter AFTER making all desired changes.
[TOP] [Entry Fields]
* VOLUME GROUP name admsrv1_doc4vg
* Activate volume group AUTOMATICALLY at system restart? no +
* A QUORUM of disks required to keep the volume group on-line ? yes +
Convert this VG to Concurrent Capable? no +
Change to big VG format? no +
Change to scalable VG format? no +
LTG Size in Kbytes 256 +
Set hotspare characteristics n +
Set synchronization characteristics of stale partitions n +
Max PPs per VG in units of 1024 32 +
[MORE...3]
Esc+1=Help Esc+2=Refresh Esc+3=Cancel Esc+4=List
Esc+5=Reset F6=Command F7=Edit F8=Image
F9=Shell F10=Exit Enter=Do
Start
Procomm Plus Telnet


XA50 Desktop 1 MDCPDXADC1 - Citrix Receiver
Procomm Plus Telnet
File Edit View Options Data Tools Window Help
COMMAND STATUS
Command: OK stdout: yes stderr: no
Before command completion, additional instructions may appear below.
0516-1804 chvg: The quorum change takes effect immediately.
Esc+1=Help Esc+2=Refresh Esc+3=Cancel F6=Command
F8=Image F9=Shell F10=Exit /=Find
n=Find Next
Start
Procomm Plus Telnet