

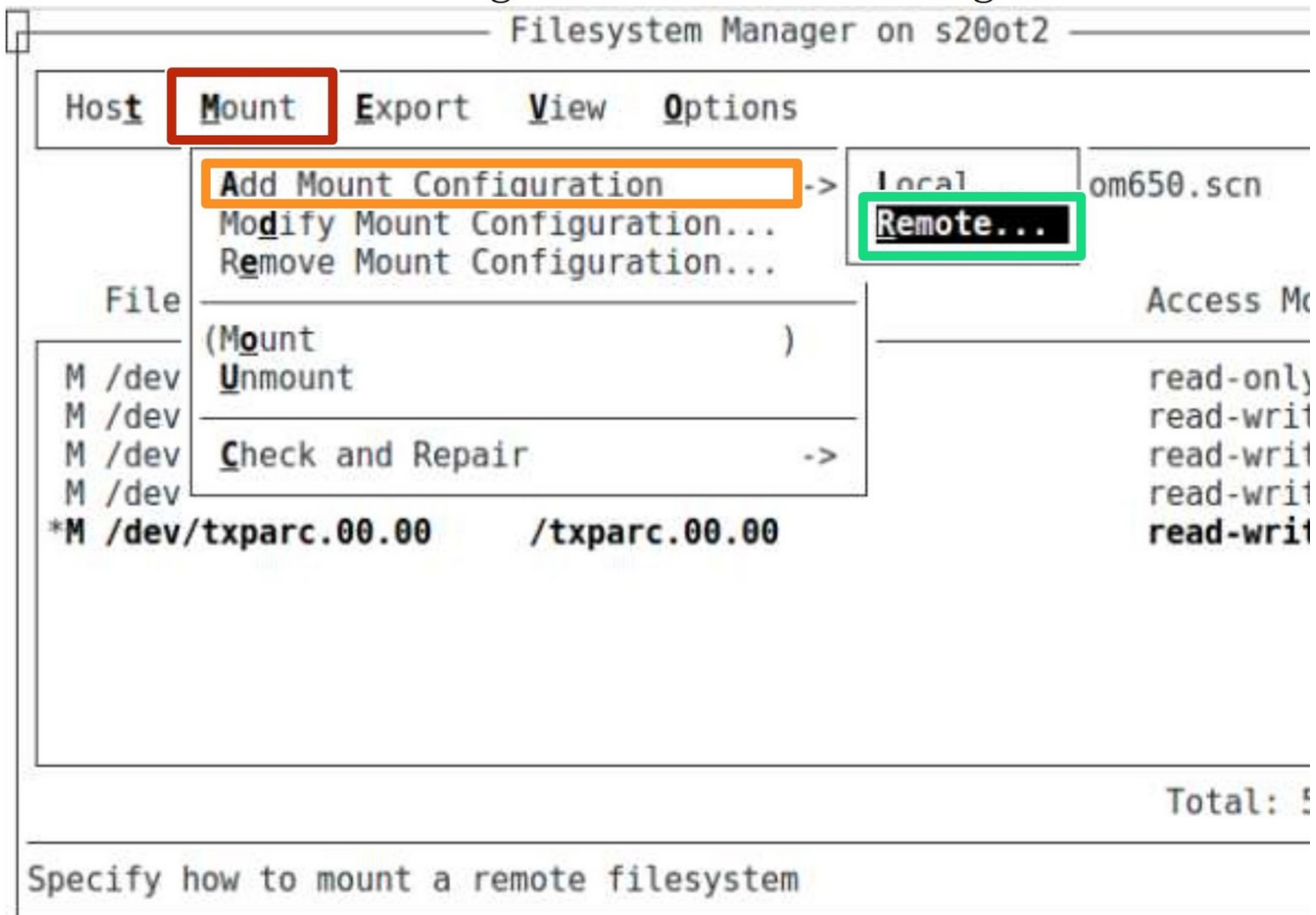


How to setup NFS file system

Configuration of SCO Unix shared drive in order to share printer tasks.

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Figure 5: Mount remote configuration



INTRODUCTION

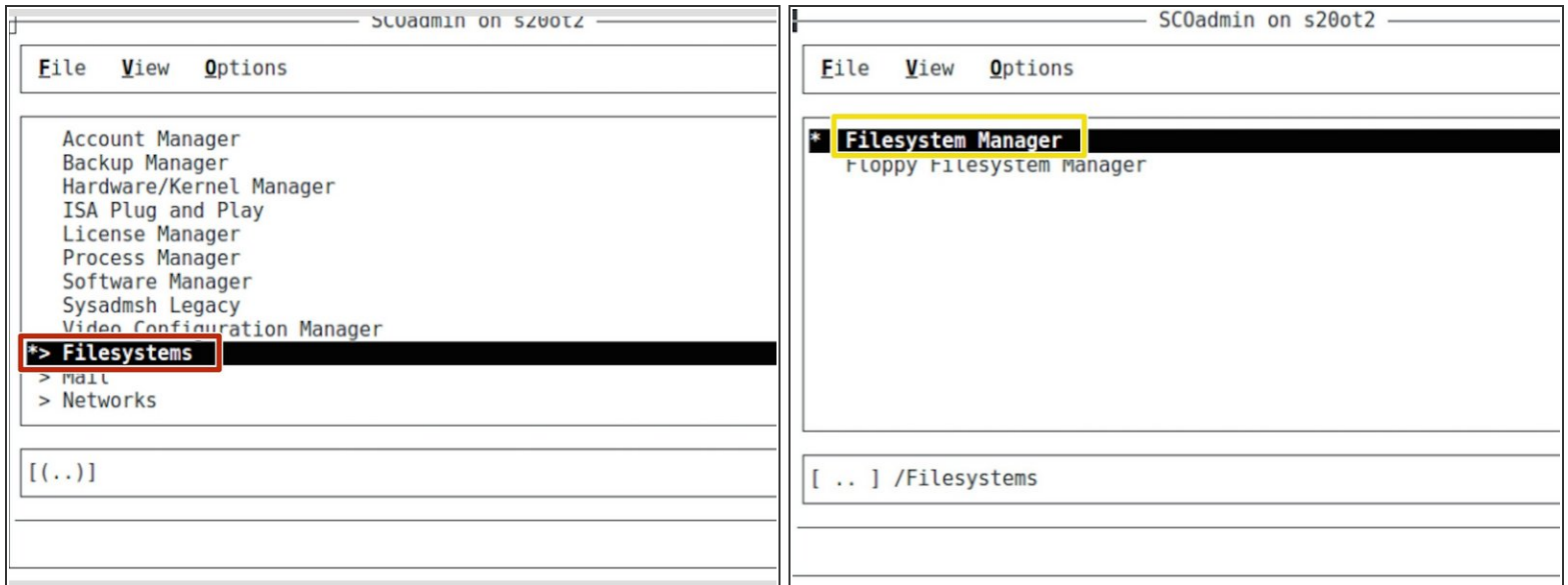
This guide is describing use of SCO scoadmin program to setup mount /volumes/bmprint remote drive on your OT computer.

Step 1 — SCO Admin - Starting program

<pre> Environment um OM-spezifisches erweitern OM: umask 0002 Environment um mmi-spezifisches erweitern -sh: DYX_PRODUCT = 2345 -sh: DYX_VERSION = 1.63j -sh: DYX = /usr/DYX2345 -sh: DYXML = NO RTA -sh: LICENSE = /usr/DYX2345/etc/DYNAVISX.LIC -sh: DYXTMPDIR = /txp/om650/txpproz/mmi -sh: DYXHC = TRUE -sh: DYXHC_SPOOL = /txp/om650/txpproz/mmi/hc_spool -sh: FSX_PRODUCT = X11 -sh: LC_CTYPE = -sh: FSX_VERSION = X11Rx -sh: FSXDISP = s20ot2.TXP.OM650.scn:0.0 -sh: MX_HOST_NAME = -sh: MMI_CONFFILE = /txp/om650/txpsys/txpconf/mmi/OPDconf.work .conf /txp/om650/txpproj/proj_std/mmi/OPDcolo -sh: FontDir = /txp/om650/txpsys/txpconf/mmi/fonts/pcf-dyx /mmi/fonts/dyxtxt/,/txp/om650/txpsys/txpconf/mmi/fonts/iso1-75/ s/iso1-100/ -sh: MMI_INST_DATE= 1152014141 (see: OPDconf.work) Environment um swi-spezifisches erweitern s20ot2.txpom : su - root </pre>	<pre> bf_txp_0083 : Check syslog for fatal messages you have mail TERM = (xterm) Terminal type is xterm s20ot2.root # s20ot2.root # scoadmin Fatal error: (vTcl interp) Server cannot open Display no Error Information logged to: /tmp/tclerror.22252.log s20ot2.root # ec s20ot2.root # x s20ot2.root # exit Connection closed by foreign host. root@novosad:/# root@novosad:/# root@novosad:/# root@novosad:/# root@novosad:/# telnet 192.168.0.12 </pre>	<pre> Environment um mmi-spezifisches erweitern -sh: DYX_PRODUCT = 2345 -sh: DYX_VERSION = 1.63j -sh: DYX = /usr/DYX2345 -sh: DYXML = NO RTA -sh: LICENSE = /usr/DYX2345/etc/DYNAVISX.LIC -sh: DYXTMPDIR = /txp/om650/txpproz/mmi -sh: DYXHC = TRUE -sh: DYXHC_SPOOL = /txp/om650/txpproz/mmi/hc_spool -sh: FSX_PRODUCT = X11 -sh: LC_CTYPE = -sh: FSX_VERSION = X11Rx -sh: FSXDISP = s20ot2.TXP.OM650.scn:0.0 -sh: MX_HOST_NAME = -sh: MMI_CONFFILE = /txp/om650/txpsys/txpconf/mmi/OPDconf.work /txp/om650 .conf /txp/om650/txpproj/proj_std/mmi/OPDcolo -sh: FontDir = /txp/om650/txpsys/txpconf/mmi/fonts/pcf-dyx.dpi100/,/t /mmi/fonts/dyxtxt/,/txp/om650/txpsys/txpconf/mmi/fonts/iso1-75/,/txp/om650/ s/iso1-100/ -sh: MMI_INST_DATE= 1152014141 (see: OPDconf.work) Environment um swi-spezifisches erweitern s20ot2.txpom : su - root Password: Last successful real login for root: Wed Jul 01 17:18:50 IST 2015 on tty Last unsuccessful real login for root: Tue Jun 30 12:52:05 IST 2015 on tty TERM = (ansi) vt100 Terminal type is vt100 s20ot2.root # scoadmin </pre>
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- Switch user on local console.
- ❗ Please note character "-" on command line - this load right environment for root user
- From remote computer use telnet connection
- Start scoadmin program

Step 2 — SCO Admin - File System Manager



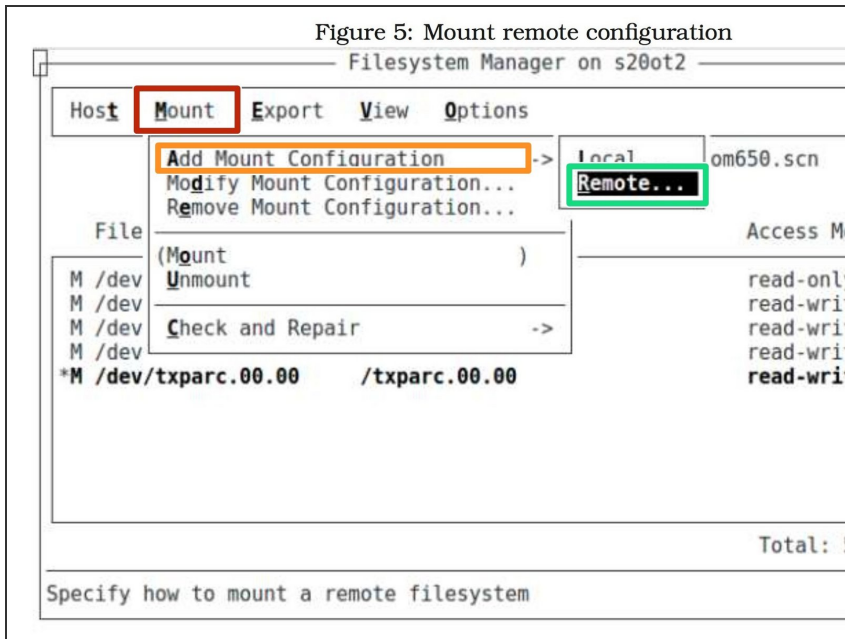
● SCO Admin - File Manager

● Select FileSystems

● Open Filesystem Manager

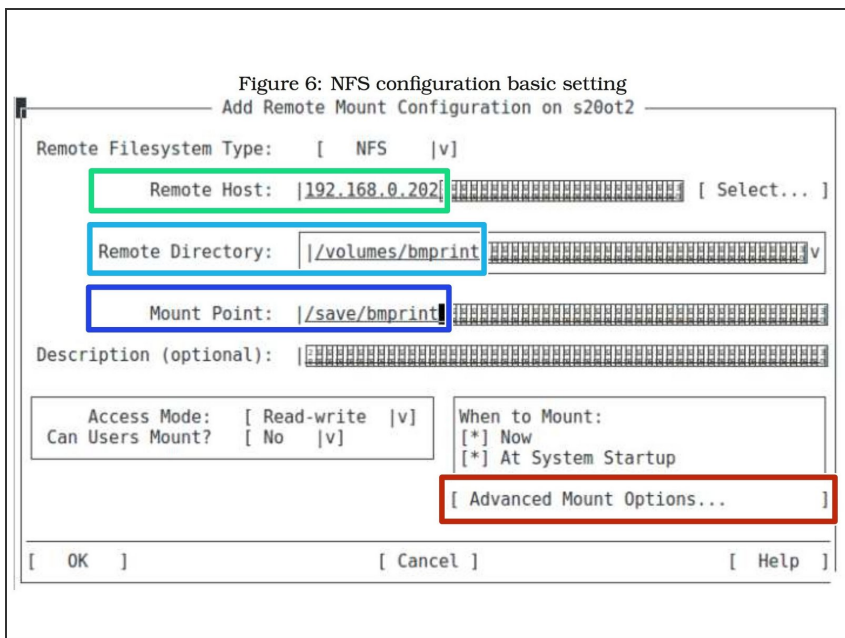
 Use TAB and arrows on your keyboard to move between the fields

Step 3 — Start NFS file system mounting wizard



- Select Mount from menu
- Scroll down and select "Add Mount Configuration"
- Choose remote
- ① Use TAB and arrows on your keyboard to move between the fields

Step 4 — NFS Share - Configuration details



- Enter IP address of your printer server
- Enter name of remote directory of your print server
- Enter name of local directory on computer you are configuring
- ⚠ Don't forget Advanced Mount Option - Failure to configure these correctly might stop your server in case of printer server shutdown

Step 5 — NFS Share - Advanced Mount Options

Figure 8: NFS configuration advanced setting - change soft mounting - VERY IMPORTANT option

Advanced Options for Mounting NFS Filesystem Type

Mount in Background: [Yes] [v]

Type of Mount: [Hard] [v]
Soft

Allow Keyboard Interrupt: [Spongy] [v]

SUID and SGID File Permissions: [Ignore] [v]

Cache Attributes: [Yes] [v]

Read/Write Buffer Size (bytes): [8192] [v]

Timeout Period for Each Operation: [300] [v] Seconds

Number of retries before reporting error: [5] [v]

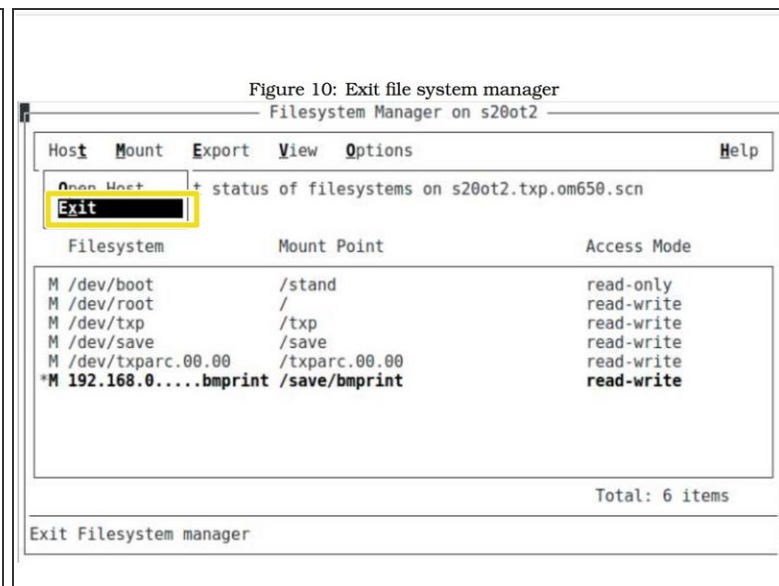
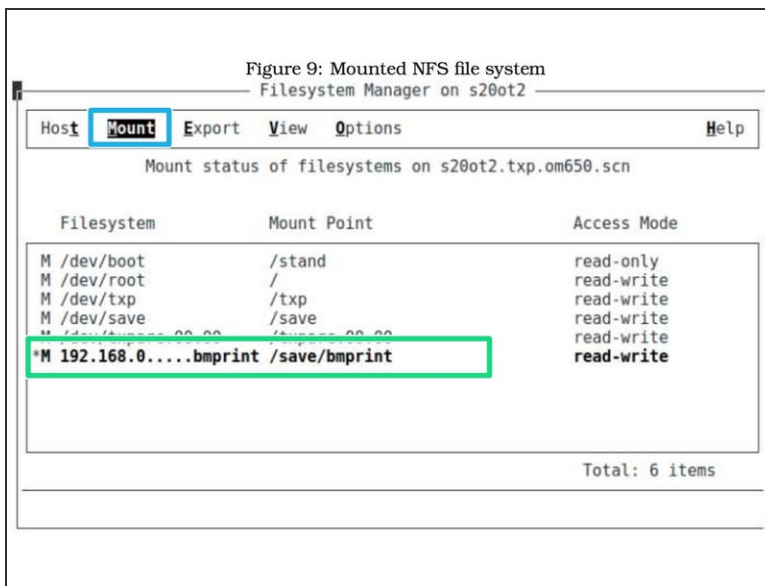
Allow NFS operations to timeout

[OK] [Cancel] [Help]

⚠ This is very important option to be selected !

- Select Soft option in the type of mount
- ① Use TAB and arrows on your keyboard to move between the fields
- ① This option dictate what should happen in case of remote share become unavailable:
 - ① Hard - Computer will restart
 - ① Soft - Nothing
 - ① Spongy - No idea

Step 6 — Remote share mounted



- Select mount menu to see mounted drives.
 - The remote NFS share should indicate IP address and mounting point
 - Exit from Filesystem management program
- i** System will ask for relinking kernel and default boot kernel - answer both questions yes.
- i** Mounted NFS share can be seen by typing *mount* command.