

Users.sh

```
#!/bin/bash

txtred=$(tput setaf 1)
txtgrn=$(tput setaf 2)
txtylw=$(tput setaf 3)
txtblu=$(tput setaf 4)
txtpur=$(tput setaf 5)
txtcyn=$(tput setaf 6)
txtrst=$(tput sgr0)
COLUMNS=$(tput cols)

center() {
    w=$(( $COLUMNS / 2 - 20 ))
    while IFS= read -r line
    do
        printf "%${w}s %s\n" ' ' "$line"
    done
}

centerwide() {
    w=$(( $COLUMNS / 2 - 30 ))
    while IFS= read -r line
    do
        printf "%${w}s %s\n" ' ' "$line"
    done
}

while :
do
```

```

clear
echo ""
echo ""
echo "${txtcyn}(please enter the number of your selection below)${txtrst}" | centerwide
echo ""
echo "1. Create a user" | center
echo "2. Change the group for a user" | center
echo "3. Create a group" | center
echo "4. Delete a user" | center
echo "5. Change a password" | center
echo "6. ${txtpur}Return to Main Menu${txtrst}" | center
echo "7. ${txtred}Shut down${txtrst}" | center
echo ""

read usermenuchoice
case $usermenuchoice in
1) )
clear && echo "" && echo "Please enter the new username below: ${txtcyn}(NO SPACES"
| centerwide && echo ""
read newusername
echo "" && echo "Please enter a group for the new user: ${txtcyn}(STILL NO SPACES O
centerwide && echo ""
read newusergroup
echo "" && echo "What is the new user's full name? ${txtcyn}(YOU CAN USE SPACES HER
wide && echo ""
read newuserfullname
echo "" && echo ""
groupadd $newusergroup

```

```

;;
2) )
clear && echo "" && echo "Which user needs to be in a different group? ${txtcyn}(NO SPACES"
| centerwide && echo ""
read usermoduser
echo "" && echo "What should be the new group for this user? ${txtcyn}(NO SPACES"
| centerwide && echo ""
read usermodgroup
echo "" && echo ""
groupadd $usermodgroup
usermod -g $usermodgroup $usermoduser && echo "${txtgrn}User $usermoduser
txtrst}" | center || echo "${txtred}Could not add user to group. Please check if u
echo "" && echo "${txtcyn}(press ENTER to continue)${txtrst}" | center
read

;;
3) )
clear && echo "" && echo "Please enter a name for the new group below: ${txtcyn}(NO SPACES"
| centerwide && echo ""
read newgroup
echo "" && echo ""
groupadd $newgroup && echo "${txtgrn}Group $newgroup created successfully.
to create group. Please check if group already exists.${txtrst}" | centerwide
echo "" && echo "${txtcyn}(press ENTER to continue)${txtrst}" | center
read

;;
4) )
clear && echo "" && echo "Please enter the username to be deleted below:

```

```
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Please enter the new username below: (NO SPACES OR SPECIAL CHARACTERS!)
Om
Please enter a group for the new user: (STILL NO SPACES OR SPECIAL CHARACTERS!)
)
sfit
What is the new user's full name? (YOU CAN USE SPACES HERE IF YOU WANT!)
OmKadam
groupadd: group 'sfit' already exists
New user Om created successfully.
(press ENTER to continue)
```

```
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Please enter a name for the new group below: (NO SPACES OR SPECIAL CHARACTERS!)
)
SFIT
Group SFIT created successfully.
(press ENTER to continue)
```

```
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Please enter the username to be deleted below: (THIS CANNOT BE UNDONE!)

0m

ARE YOU ABSOLUTELY SURE YOU WANT TO DELETE THIS USER? SERIOUSLY, THIS CANNOT BE
UNDONE! y/n
y

User 0m deleted successfully.

(press ENTER to continue)
```

Yum.sh

```
#!/bin/bash
txtred=$(tput setaf 1)
txtgrn=$(tput setaf 2)
txtylw=$(tput setaf 3)
txtblu=$(tput setaf 4)
txtpur=$(tput setaf 5)
txtcyn=$(tput setaf 6)
txtrst=$(tput sgr0)
COLUMNS=$(tput cols)

center() {
    w=$(( $COLUMNS / 2 - 20 ))
    while IFS= read -r line
    do
        printf "%${w}s %s\n" ' ' "$line"
    done
}

centerwide() {
    w=$(( $COLUMNS / 2 - 30 ))
    while IFS= read -r line
    do
        printf "%${w}s %s\n" ' ' "$line"
    done
}

while :
do
    clear

    echo ""
    echo ""
```

```

echo ""
echo ""
echo "${txtcyn}(please enter the number of your selection below)${txtrst}" | centerwide
echo ""
echo "1. List all available packages" | center
echo "2. List all installed packages" | center
echo "3. Clean packages from cache" | center
echo "4. List installed and available kernel packages" | center
echo "5. Search for a package" | center
echo "6. ${txtpur}Return to Main Menu${txtrst}" | center
echo "7. ${txtred}Shut down${txtrst}" | center
echo ""

read usermenuchoice
case $usermenuchoice in
1 )
clear && echo "" && echo "Below are the available packages: ${txtcyn}" | centerwide && echo ""
yum list available
echo "" && echo "${txtcyn}(press ENTER to continue)${txtrst}" | center
read
;;
2 )
clear && echo "" && echo "Below are the installed packages: ${txtcyn}" | centerwide && echo ""
yum list installed
echo "" && echo "${txtcyn}(press ENTER to continue)${txtrst}" | center
read
;;
3 )
clear && echo "" && echo "Deleting all packages saved in cache: ${txtcyn}" | centerwide && echo ""

```

```

4 )
clear && echo "" && echo "Below are the installed & available packages: ${txtcyn}" | centerwide
yum list all
echo "" && echo "${txtcyn}(press ENTER to continue)${txtrst}" | center
read
;;
5 )
clear && echo "" && echo "Enter package name you want to search" | centerwide
read package_name
echo ""
echo "${txtgrn}Following results for $package_name: ${txtrst}" | center && yum search $package_name
echo "${txtrst}" | center
echo "" && echo "${txtcyn}(press ENTER to continue)${txtrst}" | center
read
;;
6 )
clear && echo "" && echo "Are you sure you want to return to the main menu? ${txtcyn}y/n${txtrst}" | center
read exitays
case $exitays in
y | Y )
clear && exit
;;
n | N )
clear && echo "" && echo "Okay. Nevermind then." | center && echo "" && echo
} | center && read
;;
* )
clear && echo "" && echo "${txtred}Please make a valid selection.${txtrst}" | center
echo "ENTER to continue.)${txtrst}" | center && read
;;
esac

```

```
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Below are the available packages:

Loaded plugins: fastestmirror, langpacks
Repodata is over 2 weeks old. Install yum-cron? Or run: yum makecache fast
Loading mirror speeds from cached hostfile
* base: mirrors.nxtgen.com
* extras: mirrors.nxtgen.com
* updates: mirrors.nxtgen.com
Error: No matching Packages to list

      (press ENTER to continue)
```

```
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Below are the installed packages:

Loaded plugins: fastestmirror, langpacks
Repodata is over 2 weeks old. Install yum-cron? Or run: yum makecache fast
Loading mirror speeds from cached hostfile
* base: mirrors.nxtgen.com
* extras: mirrors.nxtgen.com
* updates: mirrors.nxtgen.com
Installed Packages
GConf2.x86_64                3.2.6-8.el7                @anaconda
GeoIP.x86_64                 1.5.0-14.el7               @anaconda
ModemManager.x86_64          1.6.10-4.el7               @anaconda
ModemManager-glib.x86_64     1.6.10-4.el7               @anaconda
NetworkManager.x86_64        1:1.18.8-2.el7_9           @updates
NetworkManager-adsl.x86_64   1:1.18.8-2.el7_9           @updates
NetworkManager-glib.x86_64   1:1.18.8-2.el7_9           @updates
NetworkManager-libnm.x86_64  1:1.18.8-2.el7_9           @updates
NetworkManager-libreswan.x86_64 1.2.4-2.el7                @anaconda
NetworkManager-libreswan-gnome.x86_64 1.2.4-2.el7                @anaconda
NetworkManager-ppp.x86_64    1:1.18.8-2.el7_9           @updates
NetworkManager-team.x86_64   1:1.18.8-2.el7_9           @updates
NetworkManager-tui.x86_64    1:1.18.8-2.el7_9           @updates
NetworkManager-wifi.x86_64   1:1.18.8-2.el7_9           @updates
PackageKit.x86_64            1.1.10-2.el7.centos        @anaconda
PackageKit-command-not-found.x86_64 1.1.10-2.el7.centos        @anaconda
PackageKit-glib.x86_64       1.1.10-2.el7.centos        @anaconda
```

```
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Deleting all packages saved in cache:

Loaded plugins: fastestmirror, langpacks
Repodata is over 2 weeks old. Install yum-cron? Or run: yum makecache fast
Cleaning repos: base extras updates
0 package files removed

      (press ENTER to continue)
```