#!/bin/bash

#

#

# Script Name : VPN.sh

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# Date: 20/06/2014

#

# Exitting Function For Script

# (This Function allocates a process ID number To The Script which is Launched, to the variable $TOP\_PID. So when the "closeloop3" Function is activied, within the script, it then kills that process ID. # which is this script, which in turn shut down or terminates the current script running.)

#

#

**trap** "exit 1" **TERM**

**export TOP\_PID=$$**

**function closeloop3**()

{

**echo** ""

**kill -s TERM $TOP\_PID**

}

#Colour Variables

#

**SET** Colour Wh='\e[0;37'm # White Default Colour

#

**SET** Colour BR='\e[1;31'm # Red options

**SET** Colour BG='\e[1;32'm # Green Selection

**SET** Colour BP='\e[1;35'm # Purple Display titles

**SET** Colour BB='\e[1;34'm # Blue exit

**SET** Colour BY='\e[1;33'm # Yellow mistakes

#

#Actual VPN Percent script below + Variables

#

**STORE** totalvpn=`last | grep vpn | cut -f2 -d" " | sort | uniq -c | head -1`

**STORE** totalusers=`last | cut -f2 -d" " | sort | uniq -c | head -1`

#

#

#exloop3 is a variable to loop the while loop below

#

**SET** Loop exloop3=5

#

# While loop starts

#

**DOWHILE** [ exloop3 = 5 ]

**CLEAR Screen**

**WAIT 4**

**DISPLAY**

**DISPLAY -e** " ${BP}$USER, Main Menu will start in a moment!!${Wh} "

**DISPLAY** ""

**DISPLAY** ""

**DISPLAY -e** " ${BP}This script (VPN.SH) will Display a Percentage of SSH Users who have login below.${Wh} "

**DISPLAY** ""

**DISPLAY**

**DISPLAY** ""

**DISPLAY** ""

**DISPLAY** ""

**DISPLAY** -e " ${BR} Total Number of Users who have login This System, Shown below!!" ${Wh}

**DISPLAY** ""

**DISPLAY** " $totalusers"

**DISPLAY** ""

**DISPLAY** ""

**DISPLAY** -e " ${BR} Total VPN Users who have logged onto This System, Shown below!!" ${Wh}

**DISPLAY** ""

**DISPLAY** " $totalvpn"

**DISPLAY** ""

**DISPLAY** ""

#

#Calculation Variable’s Below

#

**STORE** **Calcution1** dec\_percent=$(**DISPLAY** "$totalvpn / $totalusers" | bc -l | cut -c 1-5)

#

#Actual Percent Calculation below

#

**DISPLAY -e** " ${BR}VPN Decimal percent =${Wh} $dec\_percent"

**DISPLAY** ""

#

#Calculation variable for actual percent below

#

**STORE Calculation2** vpnpercent=$(**DISPLAY** "$dec\_percent \* 100" |bc -l | cut -c 1-3)

#

#

**DISPLAY** ""

**DISPLAY -e** " ${BR}Actual VPN Percent of users logged in =${Wh}" "$vpnpercent" "%"

**DISPLAY** ""

**DISPLAY** ""

#

# Displays a second selection for going back to Main Menu, or Quitting the menu.

#

**WAIT 3**

**DISPLAY** " "

**DISPLAY** ""

**DISPLAY** ""

**DISPLAY**

**DISPLAY -e** " To Exit Type ${BR}(Quit)${Wh}, or to go back to Main Menu, Type${BR} (Menu)${Wh}, or to Refresh Current Menu Type${BR} (Refresh)${Wh} "

**DISPLAY**

**DISPLAY** ""

**DISPLAY** ""

#

# The Lines below are all the Input variable’s for the menu.

#

**READ** vpnselection

**CASE** "vpnselection"

#

# IF Input is Menu or menu then do below.

#

**INPUT** [Mm]enu)

**WAIT 2**

**DISPLAY** ""

**DISPLAY** ""

**DISPLAY** " "

**DISPLAY -e** "${BG} $USER will go back to main menu${Wh}"

**DISPLAY** " "

**WAIT 2**

**EXECUTE**

./menu.sh

;;

#

# Refresh Current menu. Activates below

#

**INPUT** [Rr]efresh)

**WAIT 2**

**DISPLAY** ""

**DISPLAY** ""

**DISPLAY** " "

**DISPLAY -e** "${BG} Current Menu will be refreshed${Wh} "

**DISPLAY** ""

**WAIT 2**

**EXECUTE**

./vpn.sh

;;

#

# IF Input is Quit or quit then do below.

#

**INPUT** [Qq]uit)

**WAIT 2**

**DISPLAY** ""

**DISPLAY** ""

**DISPLAY** ""

**DISPLAY -e** " ${BB} $USER will Quit program${Wh}"

**DISPLAY** " "

**WAIT 3**

**CLEAR Screen**

**DISPLAY** ""

**DISPLAY** ""

**DISPLAY** " "

**DISPLAY** -e " ${BB} Exiting..............................................................................................${Wh}"

**DISPLAY** " "

**CALL FUNCTION** Closeloop3

**SET** Loop exloop3=6

;;

#

# IF Input doesn’t match the vpn selection then Display Below, and start the DoWhile loop again.

#

**INPUT** Any Other Character (**\***)

**WAIT 2**

**DISPLAY** ""

**DISPLAY** ""

**DISPLAY** " "

**DISPLAY -e** "${BY}That is not an option.${Wh}"

**DISPLAY** " "

**WAIT 2**

**DISPLAY** ""

**DISPLAY** ""

**DISPLAY** " "

**DISPLAY** " "

**WAIT 2**

**EXECUTE**

./vpn.sh

;;

#

# Ends the CASE VPN Percent selection

#

**ENDCASE**

**ENDO**