

## EXAMEN 2DO PARCIAL JOSE ANTONIO RODRIGUEZ ESTUDILLO

```
joseantonio@JoseToni: ~  
[sudo] password for joseantonio:  
root:*:20305:0:99999:7:::  
daemon:*:20305:0:99999:7:::  
bin:*:20305:0:99999:7:::  
sys:*:20305:0:99999:7:::  
sync:*:20305:0:99999:7:::  
games:*:20305:0:99999:7:::  
man:*:20305:0:99999:7:::  
lp:*:20305:0:99999:7:::  
mail:*:20305:0:99999:7:::  
news:*:20305:0:99999:7:::  
uucp:*:20305:0:99999:7:::  
proxy:*:20305:0:99999:7:::  
www-data:*:20305:0:99999:7:::  
backup:*:20305:0:99999:7:::  
list:*:20305:0:99999:7:::  
irc:*:20305:0:99999:7:::  
_apt:*:20305:0:99999:7:::  
nobody:*:20305:0:99999:7:::  
systemd-network:!:20305:0:99999:7:::  
systemd-timesync:!:20305:0:99999:7:::  
dhcpcd:!:20305:0:99999:7:::  
messagebus:!:20305:0:99999:7:::  
syslog:!:20305:0:99999:7:::  
systemd-resolve:!:20305:0:99999:7:::  
uuidd:!:20305:0:99999:7:::  
landscape:!:20305:0:99999:7:::  
polkitd:!:20305:0:99999:7:::  
joseantonio:$y$9T$XgDbTtTXM1Piu5SgRmgH/$LjypZVJylxhnYCKAd2MKBHnYSLPZ/gXewLE3BTc9WjA:20331:0:99999:7:::  
conexionssh:$y$9T$Rl/mIRZnJL6.k.MZMb6sw1$93Ja8Su.ktv7LN2KC.ovdLNR96NFULCrEtjsOuQMu2:20419:0:99999:7:::  
sshd:!:20419:0:99999:7:::
```

### 1.1 y 1.2 Depuración

```
rdma:x:108:  
joseantonio@JoseToni: ~  
root:x:0:0:root:/root:/bin/bash  
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin  
bin:x:2:2:bin:/bin:/usr/sbin/nologin  
sys:x:3:3:sys:/dev:/usr/sbin/nologin  
sync:x:4:65534:sync:/bin:/bin/sync  
games:x:5:60:games:/usr/games:/usr/sbin/nologin  
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin  
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin  
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin  
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin  
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin  
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin  
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin  
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin  
list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin  
irc:x:39:39:ircd:/run/ircd:/usr/sbin/nologin  
_apt:x:42:65534:/nonexistent:/usr/sbin/nologin  
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin  
systemd-network:x:998:998:systemd Network Management:/usr/sbin/nologin  
systemd-timesync:x:996:996:systemd Time Synchronization:/usr/sbin/nologin  
dhcpcd:x:100:65534:DHCP Client Daemon,,:/usr/lib/dhcpcd:/bin/false  
messagebus:x:101:101:/nonexistent:/usr/sbin/nologin  
syslog:x:102:102:/nonexistent:/usr/sbin/nologin  
systemd-resolve:x:991:991:systemd Resolver:/usr/sbin/nologin  
uuidd:x:103:103:/run/uuidd:/usr/sbin/nologin  
landscape:x:104:105:/var/lib/landscape:/usr/sbin/nologin  
polkitd:x:990:990:User for polkitd:/usr/sbin/nologin  
joseantonio:x:1000:1000,,:/home/joseantonio:/bin/bash  
sshd:x:105:65534:/run/sshd:/usr/sbin/nologin  
joseantonio@JoseToni: ~
```

### 1.3 El Script Maestro (Bash):

```
joseantoniore@JoseToni: ~  
GNU nano 7.2 ExamenJoseAntonioRodriguez.sh *  
#!/bin/bash  
# Usamos el Formato: Nombre_DosMaterno_DosPaterno (Deheza -> De, Estudillo -> Es)  
NOMBRE_USUARIO="Susana_De_Es"  
# --- VARIABLES DE ARCHIVO ---  
FECHA_LOG=$(date +%d/%m/%y)  
FILE_NO_ENCONTRADO="CUMessageLog$FECHA_LOG.txt"  
FILE_ENCONTRADO="NCUMessageLog$FECHA_LOG.txt"  
# --- VARIABLES DE FECHA ---  
DIA=$(date +%d)  
NUM_DIA=$(date +%d)  
MES=$(date +%m)  
ANIO=$(date +%Y)  
HORA=$(date +%H:%M)  
FECHA_COMPLETA=$(date +%H:%M:%S %d/%m/%y)  
# --- LÓGICA DEL SCRIPT ---  
if id "$NOMBRE_USUARIO" &&/dev/null; then  
# 4.3.4 CASO: YA EXISTE  
# Corregido: Usa las variables, no escribas la fecha a mano  
echo "El usuario $NOMBRE_USUARIO ha sido creado anteriormente $FECHA_COMPLETA" >> "$FILE_ENCONTRADO"  
echo "Usuario ya existe. Log guardado en $FILE_ENCONTRADO"  
else  
echo "El usuario $NOMBRE_USUARIO no se ha encontrado, pero será creado el día $DIA $NUM_DIA de $MES del $ANIO a las $HORA" >> "$FILE_NO_ENCONTRADO"  
sudo useradd -n "$NOMBRE_USUARIO"  
echo "Usuario creado exitosamente."  
# 4.3.5 VERIFICACIÓN  
if id "$NOMBRE_USUARIO" &&/dev/null; then  
echo "Verificación: El usuario $NOMBRE_USUARIO se creó correctamente."  
fi  
fi
```

```
joseantoniore@JoseToni: ~  
joseantoniore@JoseToni: $ nano ExamenJoseAntonioRodriguez.sh  
joseantoniore@JoseToni: $ chmod +x ExamenJoseAntonioRodriguez.sh  
joseantoniore@JoseToni: $ ExamenJoseAntonioRodriguez.sh  
ExamenJoseAntonioRodriguez.sh: command not found  
joseantoniore@JoseToni: $ /home/joseantoniore/ExamenJoseAntonioRodriguez.sh  
/home/joseantoniore/ExamenJoseAntonioRodriguez.sh: line 24: : No such file or directory  
[sudo] password for joseantoniore:  
useradd: invalid user name 'Susana Estudillo Deheza': use --badname to ignore  
Usuario creado exitosamente.  
joseantoniore@JoseToni: $ nano ExamenJoseAntonioRodriguez.sh  
joseantoniore@JoseToni: $ /home/joseantoniore/ExamenJoseAntonioRodriguez.sh  
Usuario creado exitosamente.  
Verificación: El usuario Susana_De_Es se creó correctamente.  
joseantoniore@JoseToni: $ ls -l  
total 248  
-rw-r--r-- 1 joseantoniore joseantoniore 873 Nov 13 16:30 AlvarezAlexis_RomeoyJulieta.txt.gpg  
-rw-r--r-- 1 joseantoniore joseantoniore 25 Nov 13 16:32 AlvarezAlexis_RomeoyJulieta.txt.gpg:Zone.Identifier  
-rw-r--r-- 1 joseantoniore joseantoniore 2521 Nov 13 16:06 Antonilloave_pub.asc  
-rw-r--r-- 1 joseantoniore joseantoniore 591 Nov 14 16:23 AsistenciaJARE.txt  
-rw-r--r-- 1 joseantoniore joseantoniore 114 Nov 28 16:17 CUMessageLog281125.txt  
drwxr-xr-x 5 joseantoniore joseantoniore 4096 Sep 21 12:57 Canva  
-rw-r--r-- 1 joseantoniore joseantoniore 492 Nov 13 16:44 DesRodriguezP2Antonio.txt  
-rw-r--r-- 1 joseantoniore joseantoniore 1488 Nov 28 16:17 ExamenJoseAntonioRodriguez.sh  
-rw-r--r-- 1 joseantoniore joseantoniore 292 Oct 16 16:44 IDUNNO LM.txt  
-rw-r--r-- 1 joseantoniore joseantoniore 2509 Nov 7 16:59 KeyToni.asc  
-rw-r--r-- 1 root root 23 Nov 6 16:18 MyPer.txt  
-rw-r--r-- 1 root root 102 Nov 6 16:15 MyPer.txt.gpg  
-rw-r--r-- 1 root root 398 Nov 13 16:11 Rodriguez_Antonio_Principito.txt  
-rw-r--r-- 1 joseantoniore joseantoniore 768 Nov 13 16:26 Rodriguez_Antonio_Principito.txt.gpg  
drwxr-xr-x 7 joseantoniore joseantoniore 4096 Oct 2 21:34 Sistemas-Operativos  
-rw-r--r-- 1 joseantoniore joseantoniore 4096 Sep 21 12:55 Tarea  
-rw-r--r-- 1 root root 48 Nov 6 16:13 WePer.txt  
-rw-r--r-- 1 root root 127 Nov 6 16:22 WePer.txt.gpg  
-rw-r--r-- 1 joseantoniore joseantoniore 2521 Nov 13 16:31 Yahirllave_pub.asc  
-rw-r--r-- 1 joseantoniore joseantoniore 25 Nov 13 16:32 Yahirllave_pub.asc:Zone.Identifier  
-rw-r--r-- 1 root root 21 Nov 6 16:12 YourPer.txt  
-rw-r--r-- 1 joseantoniore joseantoniore 208 Nov 7 09:11 YourPer.txt.asc  
-rw-r--r-- 1 root root 16 Nov 7 20:41 cancion.txt  
-rw-r--r-- 1 joseantoniore joseantoniore 523 Nov 7 21:22 cancionAlexis.gpg  
-rw-r--r-- 1 joseantoniore joseantoniore 25 Nov 7 21:25 cancionAlexis.gpg:Zone.Identifier  
-rw-r--r-- 1 joseantoniore joseantoniore 43 Nov 7 21:28 cancion_descifrada.txt  
-rw-r--r-- 1 joseantoniore joseantoniore 16684 Oct 9 21:51 comandos090ctubre25.txt
```

```
joseantoniore@JoseToni: ~  
-rw-r--r-- 1 joseantoniore joseantoniore 965 Nov 7 15:39 mensaje3.txt.gpg  
-rw-r--r-- 1 joseantoniore joseantoniore 25 Nov 7 16:11 mensaje3.txt.gpg:Zone.Identifier  
-rw-r--r-- 1 joseantoniore joseantoniore 497 Nov 7 28:43 mensaje4.gpg  
-rw-r--r-- 1 root root 71 Nov 28 15:35 mensajex.txt  
-rw-r--r-- 1 root root 86 Nov 14 16:09 nombre.sh  
-rw-r--r-- 1 joseantoniore joseantoniore 5 Oct 16 16:16 nombre.txt  
-rw-r--r-- 1 root root 1518 Oct 16 16:39 nuevo_usuario.sh  
-rw-r--r-- 1 root root 19 Oct 24 16:59 saludos1.txt  
-rw-r--r-- 1 root root 181 Oct 24 17:08 saludos1.txt.gpg  
-rw-r--r-- 1 joseantoniore joseantoniore 8 Nov 7 15:16 secretkey.asc  
-rw-r--r-- 1 joseantoniore joseantoniore 8 Oct 17 16:48 update.txt  
joseantoniore@JoseToni: ~  
joseantoniore@JoseToni: $ nano ExamenJoseAntonioRodriguez.sh  
joseantoniore@JoseToni: /home/joseantoniore/ExamenJoseAntonioRodriguez.sh  
Usuario ya existe. Log guardado en NCUMessageLog281125.txt  
joseantoniore@JoseToni: $ ls -l  
total 252  
-rw-r--r-- 1 joseantoniore joseantoniore 873 Nov 13 16:30 AlvarezAlexis_RomeoyJulieta.txt.gpg  
-rw-r--r-- 1 joseantoniore joseantoniore 25 Nov 13 16:32 AlvarezAlexis_RomeoyJulieta.txt.gpg:Zone.Identifier  
-rw-r--r-- 1 joseantoniore joseantoniore 2521 Nov 13 16:08 Antoniollave_pub.asc  
-rw-r--r-- 1 joseantoniore joseantoniore 591 Nov 14 16:23 AsistenciaJARE.txt  
-rw-r--r-- 1 joseantoniore joseantoniore 114 Nov 28 16:17 CUMessageLog281125.txt  
-rw-r--r-- 1 joseantoniore joseantoniore 4896 Sep 21 12:57 Jarvis  
-rw-r--r-- 1 joseantoniore joseantoniore 492 Nov 13 16:44 DesRodriguezP2Antonio.txt  
-rw-r--r-- 1 joseantoniore joseantoniore 1191 Nov 28 16:19 ExamenJoseAntonioRodriguez.sh  
-rw-r--r-- 1 joseantoniore joseantoniore 292 Oct 16 16:44 IDUNKO_LX.txt  
-rw-r--r-- 1 joseantoniore joseantoniore 2589 Nov 7 16:59 KeyToni.asc  
-rw-r--r-- 1 root root 23 Nov 6 16:18 MyPer.txt  
-rw-r--r-- 1 root root 102 Nov 6 16:15 MyPer.txt.gpg  
-rw-r--r-- 1 joseantoniore joseantoniore 71 Nov 28 16:21 NCUMessageLog281125.txt  
-rw-r--r-- 1 root root 398 Nov 13 16:11 Rodriguez_Antonio_Principito.txt  
-rw-r--r-- 1 joseantoniore joseantoniore 768 Nov 13 16:26 Rodriguez_Antonio_Principito.txt.gpg  
-rw-r--r-- 1 root root 4896 Oct 2 21:34 Susana_De_Es:OpenAtivos  
-rw-r--r-- 1 joseantoniore joseantoniore 4896 Sep 21 12:55 Jarvis  
-rw-r--r-- 1 root root 48 Nov 6 16:13 WePer.txt  
-rw-r--r-- 1 root root 127 Nov 6 16:22 WePer.txt.gpg  
-rw-r--r-- 1 joseantoniore joseantoniore 2521 Nov 13 16:31 Yahrllave_pub.asc  
-rw-r--r-- 1 joseantoniore joseantoniore 25 Nov 13 16:32 Yahrllave_pub.asc:Zone.Identifier  
-rw-r--r-- 1 root root 21 Nov 6 16:12 YourPer.txt  
-rw-r--r-- 1 joseantoniore joseantoniore 288 Nov 7 09:11 YourPer.txt.asc  
-rw-r--r-- 1 root root 16 Nov 7 28:41 cancion.txt  
-rw-r--r-- 1 joseantoniore joseantoniore 523 Nov 7 21:22 cancionAlexis.gpg  
-rw-r--r-- 1 joseantoniore joseantoniore 25 Nov 7 21:25 cancionAlexis.gpg:Zone.Identifier  
-rw-r--r-- 1 joseantoniore joseantoniore 43 Nov 7 21:28 cancion_descifrada.txt  
-rw-r--r-- 1 joseantoniore joseantoniore 16684 Oct 9 21:51 conandos89Octubre25.txt  
-rw-r--r-- 1 joseantoniore joseantoniore 783 Oct 17 16:20 croneCF.txt
```

```
joseantoniore@JoseToni: ~  
-rw-r--r-- 1 root root 575 Nov 7 15:38 mensaje1.txt.gpg  
-rw-r--r-- 1 joseantoniore joseantoniore 975 Nov 7 15:39 mensaje2.txt.gpg  
-rw-r--r-- 1 joseantoniore joseantoniore 25 Nov 7 15:41 mensaje2.txt.gpg:Zone.Identifier  
-rw-r--r-- 1 joseantoniore joseantoniore 965 Nov 7 15:39 mensaje3.txt.gpg  
-rw-r--r-- 1 joseantoniore joseantoniore 25 Nov 7 16:11 mensaje3.txt.gpg:Zone.Identifier  
-rw-r--r-- 1 joseantoniore joseantoniore 497 Nov 7 28:43 mensaje4.gpg  
-rw-r--r-- 1 root root 71 Nov 28 15:35 mensajex.txt  
-rw-r--r-- 1 root root 86 Nov 14 16:09 nombre.sh  
-rw-r--r-- 1 joseantoniore joseantoniore 5 Oct 16 16:16 nombre.txt  
-rw-r--r-- 1 root root 1518 Oct 16 16:39 nuevo_usuario.sh  
-rw-r--r-- 1 root root 19 Oct 24 16:59 saludos1.txt  
-rw-r--r-- 1 root root 181 Oct 24 17:08 saludos1.txt.gpg  
-rw-r--r-- 1 joseantoniore joseantoniore 8 Nov 7 15:16 secretkey.asc  
-rw-r--r-- 1 joseantoniore joseantoniore 8 Oct 17 16:48 update.txt  
joseantoniore@JoseToni: ~  
joseantoniore@JoseToni: $ sudo cat /etc/passwd  
root:x:0:0:root:/root:/bin/bash  
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin  
bin:x:2:2:bin:/bin:/usr/sbin/nologin  
sys:x:3:3:sys:/dev:/usr/sbin/nologin  
sync:x:4:65534:sync:/bin:/bin/sync  
games:x:5:60:games:/usr/games:/usr/sbin/nologin  
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin  
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin  
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin  
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin  
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin  
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin  
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin  
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin  
lister:x:38:38:lister:/var/lib/lister:/usr/sbin/nologin  
irc:x:39:39:irc:/run/ircd:/usr/sbin/nologin  
_apt:x:42:65534::/nonexistent:/usr/sbin/nologin  
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin  
systemd-network:x:198:198:systemd Network Management:/usr/sbin/nologin  
systemd-timesync:x:996:996:systemd Time Synchronization:/usr/sbin/nologin  
dhcpcd:x:100:65534:DHCP Client Daemon,,,:/usr/lib/dhcpcd:/bin/false  
messagebus:x:101:101::/nonexistent:/usr/sbin/nologin  
syslog:x:102:102::/nonexistent:/usr/sbin/nologin  
systemd-resolve:x:991:991:systemd Resolver:/usr/sbin/nologin  
uiddd:x:103:103:/run/uiddd:/usr/sbin/nologin  
landscape:x:104:105:/var/lib/landscape:/usr/sbin/nologin  
polkitd:x:990:990:User for polkitd:/usr/sbin/nologin  
joseantoniore:x:1000:1000,,,:/home/joseantoniore:/bin/bash  
sshd:x:105:65534:/run/sshd:/usr/sbin/nologin  
Susana_De_Es:x:1001:1001:/home/Susana_De_Es:/bin/sh  
joseantoniore@JoseToni: $
```

## 2. Renombrar al usuario

```
joseantoniore@JoseToni: ~  
joseantoniore@JoseToni:~$ sudo usermod --badname -l "Quality assurance" Susana_De_Es  
joseantoniore@JoseToni:~$ sudo cat /etc/passwd  
root:x:0:0:root:/root:/bin/bash  
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin  
bin:x:2:2:bin:/bin:/usr/sbin/nologin  
sys:x:3:3:sys:/dev:/usr/sbin/nologin  
sync:x:4:65534:sync:/bin:/bin/sync  
games:x:5:60:games:/usr/games:/usr/sbin/nologin  
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin  
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin  
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin  
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin  
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin  
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin  
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin  
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin  
list:x:38:38:Mail List Manager:/var/list:/usr/sbin/nologin  
irc:x:39:39:ircd:/run/ircd:/usr/sbin/nologin  
_apt:x:42:65534::/nonexistent:/usr/sbin/nologin  
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin  
systemd-network:x:998:998:systemd Network Management:/usr/sbin/nologin  
systemd-timesync:x:996:996:systemd Time Synchronization:/usr/sbin/nologin  
dhcpcd:x:100:65534:DHCP Client Daemon,,,:/usr/lib/dhcpcd:/bin/false  
messagebus:x:101:101::/nonexistent:/usr/sbin/nologin  
syslog:x:102:102::/nonexistent:/usr/sbin/nologin  
systemd-resolve:x:991:991:systemd Resolver:/usr/sbin/nologin  
uuidd:x:103:103::/run/uuidd:/usr/sbin/nologin  
landscape:x:104:105::/var/lib/landscape:/usr/sbin/nologin  
polkitd:x:990:990:User for polkitd:/usr/sbin/nologin  
joseantoniore:x:1000:1000:::/home/joseantoniore:/bin/bash  
sshd:x:105:65534::/run/sshd:/usr/sbin/nologin  
Quality assurance:x:1001:1001::/home/Susana_De_Es:/bin/sh  
joseantoniore@JoseToni:~$
```

## 2.1.1 Cambiar contraseña

## 2.1.2 y 2.1.3 Configurar Fechas

```
irc:x:39:39:ircd:/run/ircd:/usr/sbin/nologin  
_apt:x:42:65534::/nonexistent:/usr/sbin/nologin  
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin  
systemd-network:x:998:998:systemd Network Management:/usr/sbin/nologin  
systemd-timesync:x:996:996:systemd Time Synchronization:/usr/sbin/nologin  
dhcpcd:x:100:65534:DHCP Client Daemon,,,:/usr/lib/dhcpcd:/bin/false  
messagebus:x:101:101::/nonexistent:/usr/sbin/nologin  
syslog:x:102:102::/nonexistent:/usr/sbin/nologin  
systemd-resolve:x:991:991:systemd Resolver:/usr/sbin/nologin  
uuidd:x:103:103::/run/uuidd:/usr/sbin/nologin  
landscape:x:104:105::/var/lib/landscape:/usr/sbin/nologin  
polkitd:x:990:990:User for polkitd:/usr/sbin/nologin  
joseantoniore:x:1000:1000:::/home/joseantoniore:/bin/bash  
sshd:x:105:65534::/run/sshd:/usr/sbin/nologin  
Quality assurance:x:1001:1001::/home/Susana_De_Es:/bin/sh  
joseantoniore@JoseToni:~$ sudo passwd "Quality assurance"  
New password:  
Retype new password:  
passwd: password updated successfully  
joseantoniore@JoseToni:~$ sudo chage -M 1 "Quality assurance"  
joseantoniore@JoseToni:~$ sudo chage -E 2025-12-01 "Quality assurance"  
joseantoniore@JoseToni:~$ sudo chage -l "Quality assurance"  
Last password change : Nov 28, 2025  
Password expires : Nov 29, 2025  
Password inactive : never  
Account expires : Dec 01, 2025  
Minimum number of days between password change : 0  
Maximum number of days between password change : 1  
Number of days of warning before password expires : 7  
joseantoniore@JoseToni:~$
```