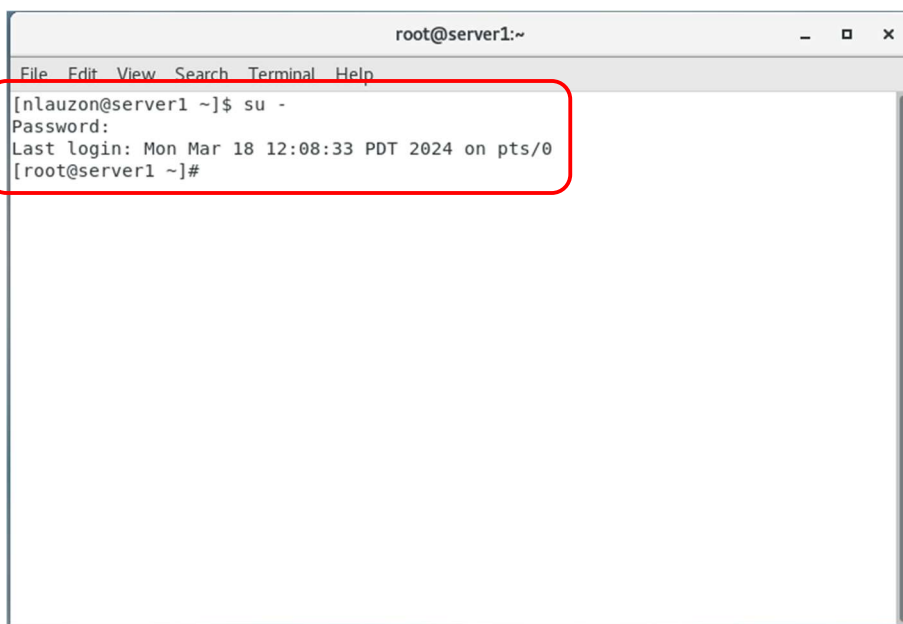


Managing Users and Groups

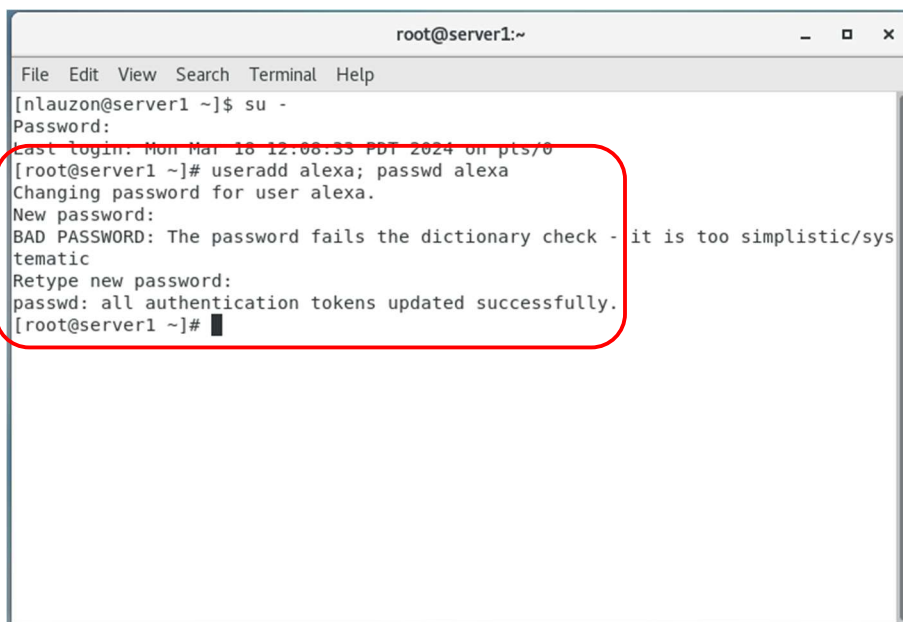
Nicolas Lauzon

1. Log as root



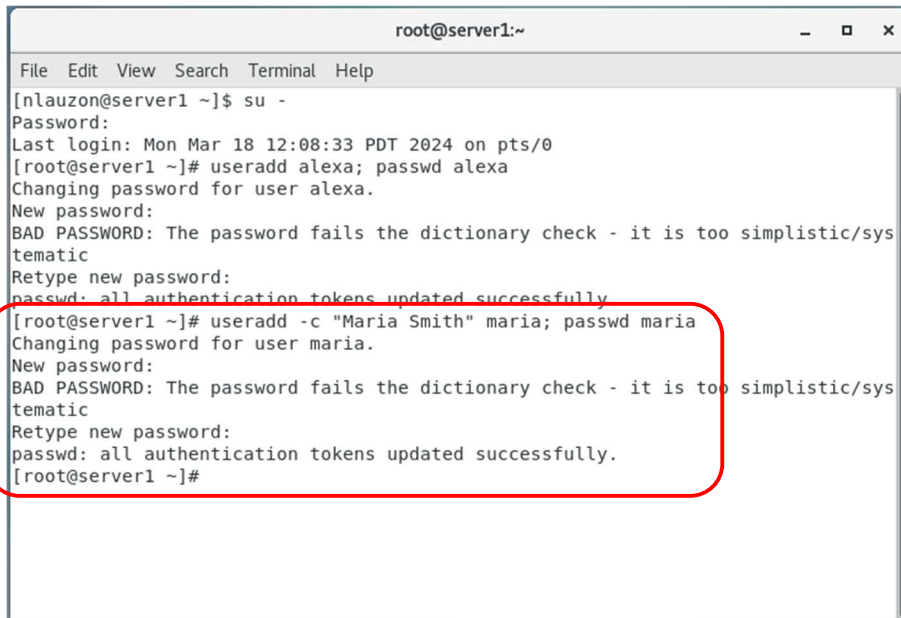
```
root@server1:~  
File Edit View Search Terminal Help  
[nlauzon@server1 ~]$ su -  
Password:  
Last login: Mon Mar 18 12:08:33 PDT 2024 on pts/0  
[root@server1 ~]#
```

2. Add a new user named alexa and set her password



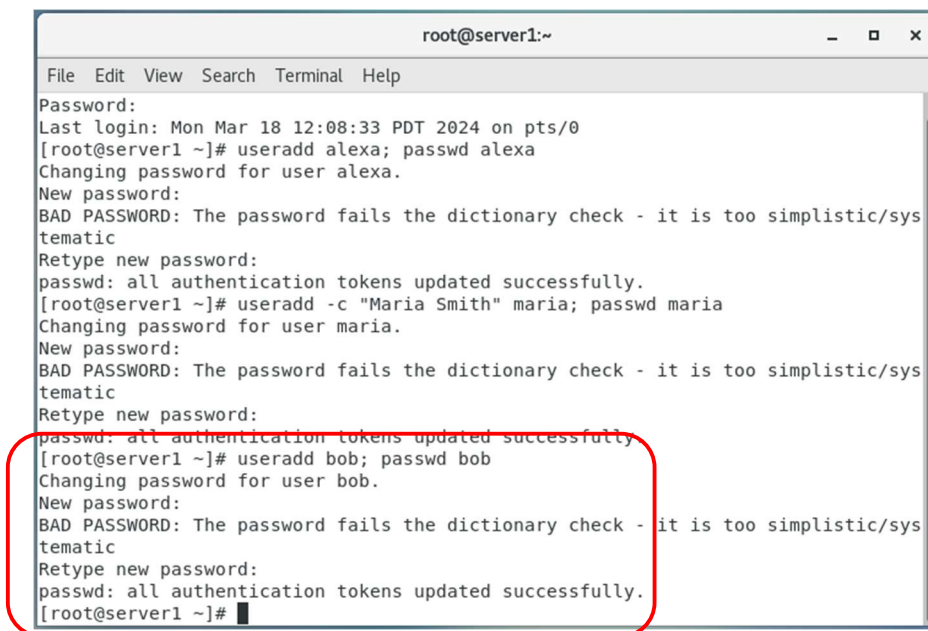
```
root@server1:~  
File Edit View Search Terminal Help  
[nlauzon@server1 ~]$ su -  
Password:  
Last login: Mon Mar 18 12:08:33 PDT 2024 on pts/0  
[root@server1 ~]# useradd alexa; passwd alexa  
Changing password for user alexa.  
New password:  
BAD PASSWORD: The password fails the dictionary check - it is too simplistic/systematic  
Retype new password:  
passwd: all authentication tokens updated successfully.  
[root@server1 ~]#
```

3. Add a new user named maria including her full name Maria Smith and set her password



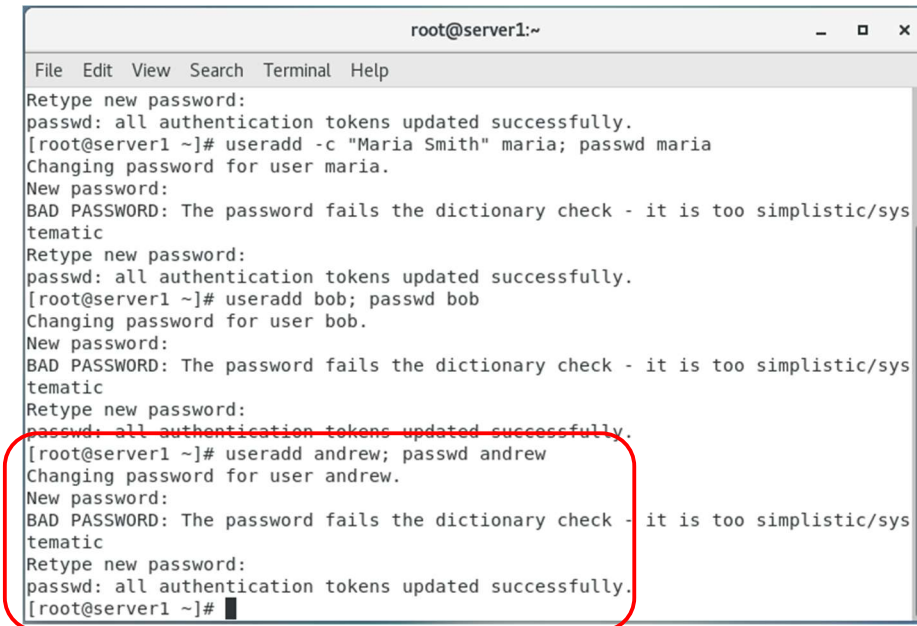
```
root@server1:~  
File Edit View Search Terminal Help  
[nlauzon@server1 ~]$ su -  
Password:  
Last login: Mon Mar 18 12:08:33 PDT 2024 on pts/0  
[root@server1 ~]# useradd alexa; passwd alexa  
Changing password for user alexa.  
New password:  
BAD PASSWORD: The password fails the dictionary check - it is too simplistic/sys  
tematic  
Retype new password:  
passwd: all authentication tokens updated successfully.  
[root@server1 ~]# useradd -c "Maria Smith" maria; passwd maria  
Changing password for user maria.  
New password:  
BAD PASSWORD: The password fails the dictionary check - it is too simplistic/sys  
tematic  
Retype new password:  
passwd: all authentication tokens updated successfully.  
[root@server1 ~]#
```

4. Add a new user named bob and set his password



```
root@server1:~  
File Edit View Search Terminal Help  
Password:  
Last login: Mon Mar 18 12:08:33 PDT 2024 on pts/0  
[root@server1 ~]# useradd alexa; passwd alexa  
Changing password for user alexa.  
New password:  
BAD PASSWORD: The password fails the dictionary check - it is too simplistic/sys  
tematic  
Retype new password:  
passwd: all authentication tokens updated successfully.  
[root@server1 ~]# useradd -c "Maria Smith" maria; passwd maria  
Changing password for user maria.  
New password:  
BAD PASSWORD: The password fails the dictionary check - it is too simplistic/sys  
tematic  
Retype new password:  
passwd: all authentication tokens updated successfully.  
[root@server1 ~]# useradd bob; passwd bob  
Changing password for user bob.  
New password:  
BAD PASSWORD: The password fails the dictionary check - it is too simplistic/sys  
tematic  
Retype new password:  
passwd: all authentication tokens updated successfully.  
[root@server1 ~]#
```

5. Add a new user named andrew and set his password

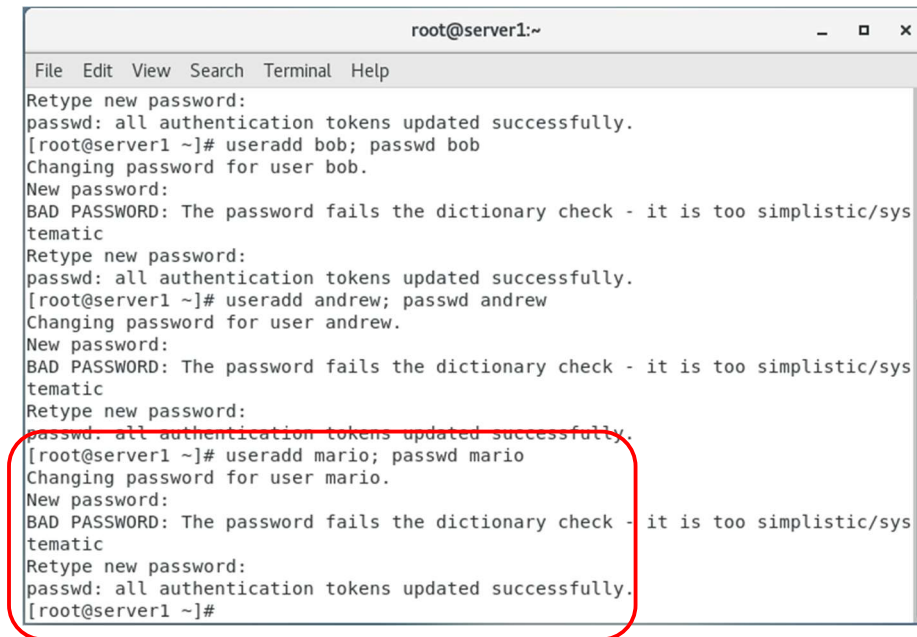


A terminal window titled 'root@server1:~' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows the following sequence of commands and outputs:

```
Retype new password:
passwd: all authentication tokens updated successfully.
[root@server1 ~]# useradd -c "Maria Smith" maria; passwd maria
Changing password for user maria.
New password:
BAD PASSWORD: The password fails the dictionary check - it is too simplistic/systematic
Retype new password:
passwd: all authentication tokens updated successfully.
[root@server1 ~]# useradd bob; passwd bob
Changing password for user bob.
New password:
BAD PASSWORD: The password fails the dictionary check - it is too simplistic/systematic
Retype new password:
passwd: all authentication tokens updated successfully.
[root@server1 ~]# useradd andrew; passwd andrew
Changing password for user andrew.
New password:
BAD PASSWORD: The password fails the dictionary check - it is too simplistic/systematic
Retype new password:
passwd: all authentication tokens updated successfully.
[root@server1 ~]#
```

The last four lines of the terminal output are enclosed in a red rectangular box.

6. Add a new user named mario and set his password



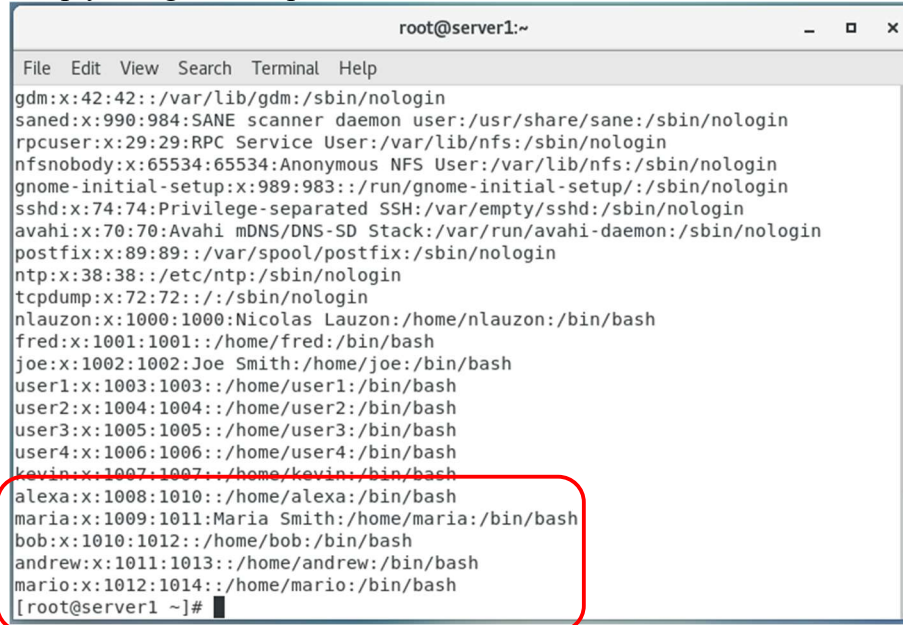
A terminal window titled 'root@server1:~' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows the following sequence of commands and outputs:

```
Retype new password:
passwd: all authentication tokens updated successfully.
[root@server1 ~]# useradd bob; passwd bob
Changing password for user bob.
New password:
BAD PASSWORD: The password fails the dictionary check - it is too simplistic/systematic
Retype new password:
passwd: all authentication tokens updated successfully.
[root@server1 ~]# useradd andrew; passwd andrew
Changing password for user andrew.
New password:
BAD PASSWORD: The password fails the dictionary check - it is too simplistic/systematic
Retype new password:
passwd: all authentication tokens updated successfully.
[root@server1 ~]# useradd mario; passwd mario
Changing password for user mario.
New password:
BAD PASSWORD: The password fails the dictionary check - it is too simplistic/systematic
Retype new password:
passwd: all authentication tokens updated successfully.
[root@server1 ~]#
```

The last four lines of the terminal output are enclosed in a red rectangular box.

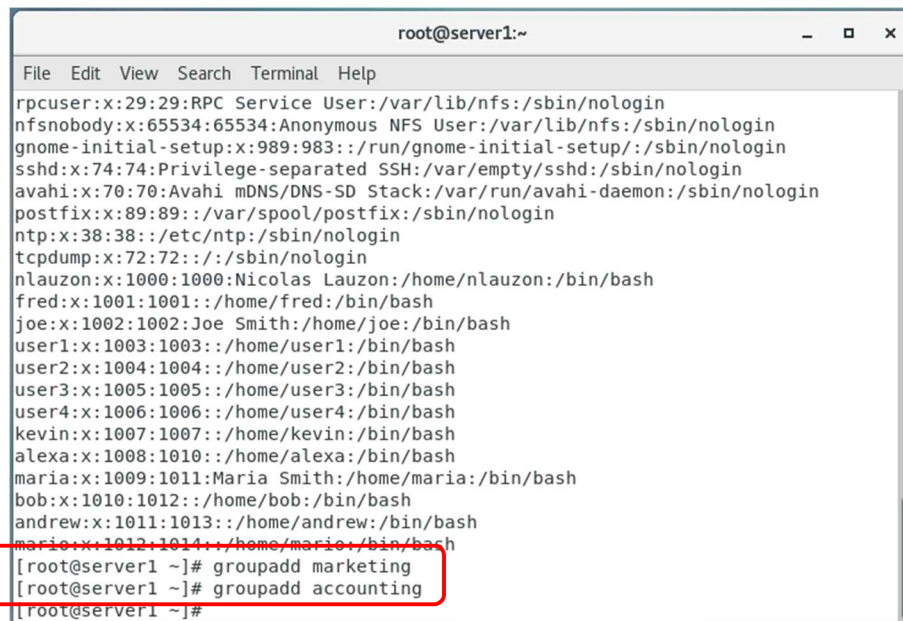
7. Verify the list of users

Simply using cat /etc/passwd:



```
root@server1:~  
File Edit View Search Terminal Help  
gdm:x:42:42:./var/lib/gdm:/sbin/nologin  
saned:x:990:984:SANE scanner daemon user:/usr/share/sane:/sbin/nologin  
rpcuser:x:29:29:RPC Service User:/var/lib/nfs:/sbin/nologin  
nfsnobody:x:65534:65534:Anonymous NFS User:/var/lib/nfs:/sbin/nologin  
gnome-initial-setup:x:989:983:./run/gnome-initial-setup:/sbin/nologin  
sshd:x:74:74:Privilege-separated SSH:/var/empty/sshd:/sbin/nologin  
avahi:x:70:70:Avahi mDNS/DNS-SD Stack:/var/run/avahi-daemon:/sbin/nologin  
postfix:x:89:89:./var/spool/postfix:/sbin/nologin  
ntp:x:38:38:./etc/ntp:/sbin/nologin  
tcpdump:x:72:72:./sbin/nologin  
nlauzon:x:1000:1000:Nicolas Lauzon:/home/nlauzon:/bin/bash  
fred:x:1001:1001:./home/fred:/bin/bash  
joe:x:1002:1002:Joe Smith:/home/joe:/bin/bash  
user1:x:1003:1003:./home/user1:/bin/bash  
user2:x:1004:1004:./home/user2:/bin/bash  
user3:x:1005:1005:./home/user3:/bin/bash  
user4:x:1006:1006:./home/user4:/bin/bash  
kevin:x:1007:1007:./home/kevin:/bin/bash  
alexa:x:1008:1010:./home/alexa:/bin/bash  
maria:x:1009:1011:Maria Smith:/home/maria:/bin/bash  
bob:x:1010:1012:./home/bob:/bin/bash  
andrew:x:1011:1013:./home/andrew:/bin/bash  
mario:x:1012:1014:./home/mario:/bin/bash  
[root@server1 ~]#
```

8. Create two groups: marketing and accounting



```
root@server1:~  
File Edit View Search Terminal Help  
rpcuser:x:29:29:RPC Service User:/var/lib/nfs:/sbin/nologin  
nfsnobody:x:65534:65534:Anonymous NFS User:/var/lib/nfs:/sbin/nologin  
gnome-initial-setup:x:989:983:./run/gnome-initial-setup:/sbin/nologin  
sshd:x:74:74:Privilege-separated SSH:/var/empty/sshd:/sbin/nologin  
avahi:x:70:70:Avahi mDNS/DNS-SD Stack:/var/run/avahi-daemon:/sbin/nologin  
postfix:x:89:89:./var/spool/postfix:/sbin/nologin  
ntp:x:38:38:./etc/ntp:/sbin/nologin  
tcpdump:x:72:72:./sbin/nologin  
nlauzon:x:1000:1000:Nicolas Lauzon:/home/nlauzon:/bin/bash  
fred:x:1001:1001:./home/fred:/bin/bash  
joe:x:1002:1002:Joe Smith:/home/joe:/bin/bash  
user1:x:1003:1003:./home/user1:/bin/bash  
user2:x:1004:1004:./home/user2:/bin/bash  
user3:x:1005:1005:./home/user3:/bin/bash  
user4:x:1006:1006:./home/user4:/bin/bash  
kevin:x:1007:1007:./home/kevin:/bin/bash  
alexa:x:1008:1010:./home/alexa:/bin/bash  
maria:x:1009:1011:Maria Smith:/home/maria:/bin/bash  
bob:x:1010:1012:./home/bob:/bin/bash  
andrew:x:1011:1013:./home/andrew:/bin/bash  
mario:x:1012:1014:./home/mario:/bin/bash  
[root@server1 ~]# groupadd marketing  
[root@server1 ~]# groupadd accounting  
[root@server1 ~]#
```

9. Add the users alexa , maria and bob to the marketing group

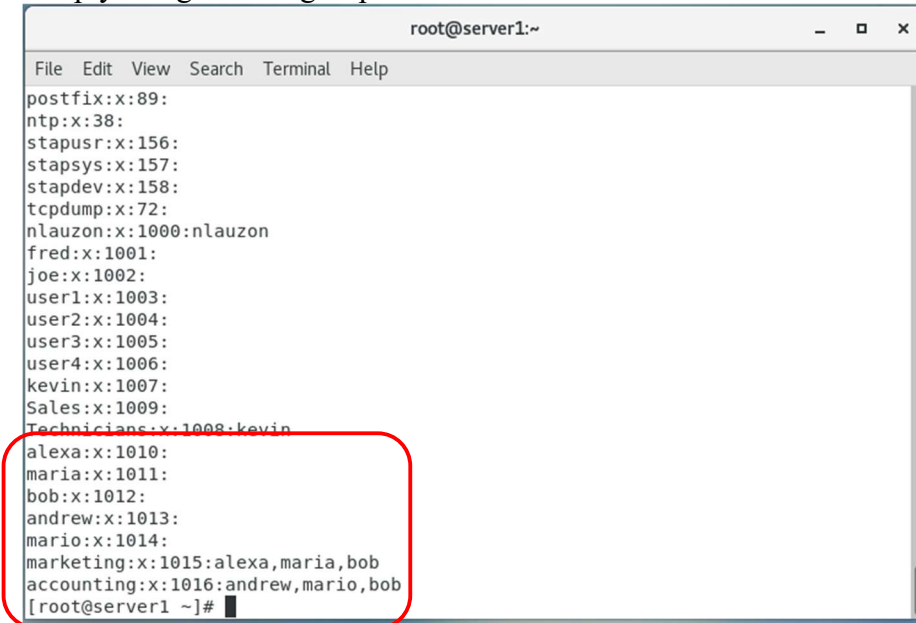
```
root@server1:~  
File Edit View Search Terminal Help  
stapusr:x:156:  
stapsys:x:157:  
stapdev:x:158:  
tcpdump:x:72:  
nlauzon:x:1000:nlauzon  
fred:x:1001:  
joe:x:1002:  
user1:x:1003:  
user2:x:1004:  
user3:x:1005:  
user4:x:1006:  
kevin:x:1007:  
Sales:x:1009:  
Technicians:x:1008:kevin  
alexa:x:1010:  
maria:x:1011:  
bob:x:1012:  
andrew:x:1013:  
mario:x:1014:  
marketing:x:1015:  
accounting:x:1016:  
[root@server1 ~]# gpasswd -M alexa,maria,bob marketing  
[root@server1 ~]# gpasswd -M andrew,mario,bob accounting  
[root@server1 ~]#
```

10. Add the users andrew , mario and bob to the accounting group.

```
root@server1:~  
File Edit View Search Terminal Help  
stapusr:x:156:  
stapsys:x:157:  
stapdev:x:158:  
tcpdump:x:72:  
nlauzon:x:1000:nlauzon  
fred:x:1001:  
joe:x:1002:  
user1:x:1003:  
user2:x:1004:  
user3:x:1005:  
user4:x:1006:  
kevin:x:1007:  
Sales:x:1009:  
Technicians:x:1008:kevin  
alexa:x:1010:  
maria:x:1011:  
bob:x:1012:  
andrew:x:1013:  
mario:x:1014:  
marketing:x:1015:  
accounting:x:1016:  
[root@server1 ~]# gpasswd -M alexa,maria,bob marketing  
[root@server1 ~]# gpasswd -M andrew,mario,bob accounting  
[root@server1 ~]#
```

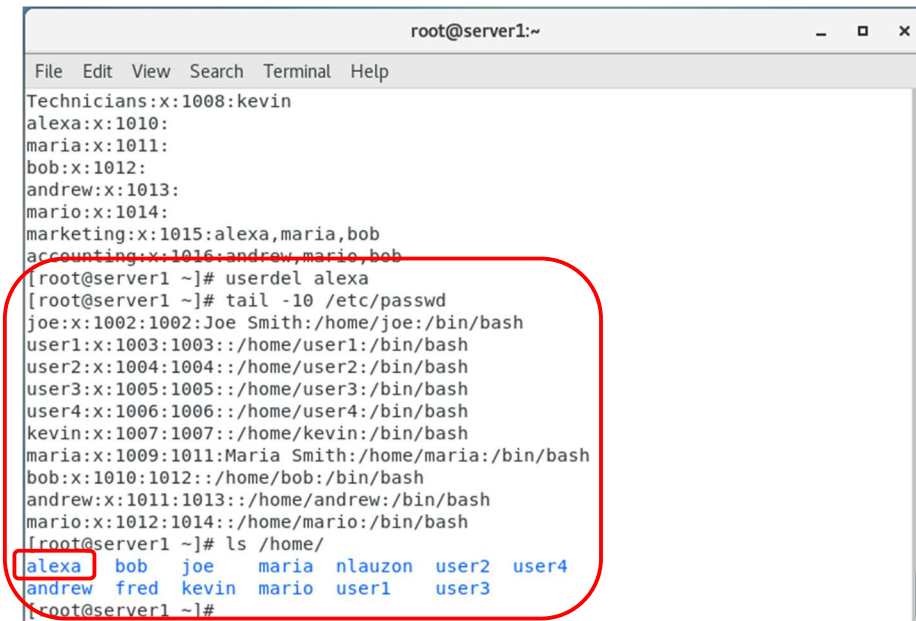
11. Verify the list of groups

Simply using cat /etc/group:



```
root@server1:~  
File Edit View Search Terminal Help  
postfix:x:89:  
ntp:x:38:  
stapusr:x:156:  
stapsys:x:157:  
stapdev:x:158:  
tcpdump:x:72:  
nlauzon:x:1000:nlauzon  
fred:x:1001:  
joe:x:1002:  
user1:x:1003:  
user2:x:1004:  
user3:x:1005:  
user4:x:1006:  
kevin:x:1007:  
Sales:x:1009:  
Technicians:x:1008:kevin  
alex:x:1010:  
maria:x:1011:  
bob:x:1012:  
andrew:x:1013:  
mario:x:1014:  
marketing:x:1015:alex,maria,bob  
accounting:x:1016:andrew,mario,bob  
[root@server1 ~]#
```

12. Delete the user account of alexa and verify that her home directory has not been removed



```
root@server1:~  
File Edit View Search Terminal Help  
Technicians:x:1008:kevin  
alex:x:1010:  
maria:x:1011:  
bob:x:1012:  
andrew:x:1013:  
mario:x:1014:  
marketing:x:1015:alex,maria,bob  
accounting:x:1016:andrew,mario,bob  
[root@server1 ~]# userdel alexa  
[root@server1 ~]# tail -10 /etc/passwd  
joe:x:1002:1002:Joe Smith:/home/joe:/bin/bash  
user1:x:1003:1003:./home/user1:/bin/bash  
user2:x:1004:1004:./home/user2:/bin/bash  
user3:x:1005:1005:./home/user3:/bin/bash  
user4:x:1006:1006:./home/user4:/bin/bash  
kevin:x:1007:1007:./home/kevin:/bin/bash  
maria:x:1009:1011:Maria Smith:/home/maria:/bin/bash  
bob:x:1010:1012:./home/bob:/bin/bash  
andrew:x:1011:1013:./home/andrew:/bin/bash  
mario:x:1012:1014:./home/mario:/bin/bash  
[root@server1 ~]# ls /home/  
alex bob joe maria nlauzon user2 user4  
andrew fred kevin mario user1 user3  
[root@server1 ~]#
```


13. Delete the user account and the home directory of mario and verify that both the account and the home directory of mario have been deleted

```
root@server1:~  
File Edit View Search Terminal Help  
kevin:x:1007:1007::/home/kevin:/bin/bash  
maria:x:1009:1011:Maria Smith:/home/maria:/bin/bash  
bob:x:1010:1012::/home/bob:/bin/bash  
andrew:x:1011:1013::/home/andrew:/bin/bash  
mario:x:1012:1014::/home/mario:/bin/bash  
[root@server1 ~]# ls /home/  
alexa  bob  joe  maria  nlauzon  user2  user4  
andrew fred kevin mario user1 user3  
[root@server1 ~]# userdel -r mario  
[root@server1 ~]# tail -10 /etc/passwd  
fred:x:1001:1001::/home/fred:/bin/bash  
joe:x:1002:1002:Joe Smith:/home/joe:/bin/bash  
user1:x:1003:1003::/home/user1:/bin/bash  
user2:x:1004:1004::/home/user2:/bin/bash  
user3:x:1005:1005::/home/user3:/bin/bash  
user4:x:1006:1006::/home/user4:/bin/bash  
kevin:x:1007:1007::/home/kevin:/bin/bash  
maria:x:1009:1011:Maria Smith:/home/maria:/bin/bash  
bob:x:1010:1012::/home/bob:/bin/bash  
andrew:x:1011:1013::/home/andrew:/bin/bash  
[root@server1 ~]# ls /home/  
alexa  bob  joe  maria  user1  user3  
andrew fred kevin nlauzon user2 user4  
[root@server1 ~]#
```

14. Change the full name of maria to Maria Clark and verify the change

```
root@server1:~  
File Edit View Search Terminal Help  
user1:x:1003:1003::/home/user1:/bin/bash  
user2:x:1004:1004::/home/user2:/bin/bash  
user3:x:1005:1005::/home/user3:/bin/bash  
user4:x:1006:1006::/home/user4:/bin/bash  
kevin:x:1007:1007::/home/kevin:/bin/bash  
maria:x:1009:1011:Maria Smith:/home/maria:/bin/bash  
bob:x:1010:1012::/home/bob:/bin/bash  
andrew:x:1011:1013::/home/andrew:/bin/bash  
[root@server1 ~]# ls /home/  
alexa  bob  joe  maria  user1  user3  
andrew fred kevin nlauzon user2 user4  
[root@server1 ~]# usermod -c "Maria Clark" maria  
[root@server1 ~]# tail -10 /etc/passwd  
fred:x:1001:1001::/home/fred:/bin/bash  
joe:x:1002:1002:Joe Smith:/home/joe:/bin/bash  
user1:x:1003:1003::/home/user1:/bin/bash  
user2:x:1004:1004::/home/user2:/bin/bash  
user3:x:1005:1005::/home/user3:/bin/bash  
user4:x:1006:1006::/home/user4:/bin/bash  
kevin:x:1007:1007::/home/kevin:/bin/bash  
maria:x:1009:1011:Maria Clark:/home/maria:/bin/bash  
bob:x:1010:1012::/home/bob:/bin/bash  
andrew:x:1011:1013::/home/andrew:/bin/bash  
[root@server1 ~]#
```

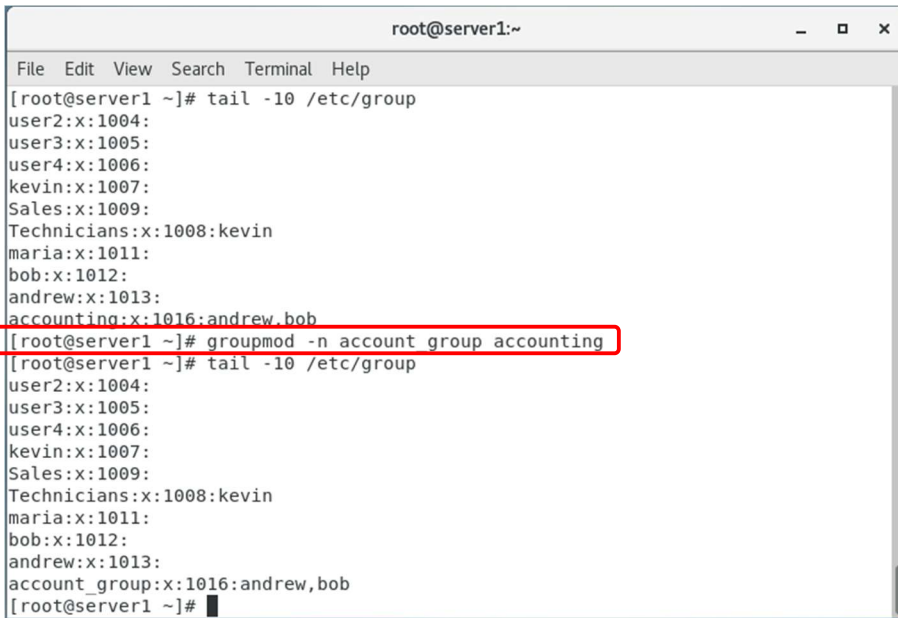
15. Verify who are the users members of the groups marketing and accounting

```
root@server1:~  
File Edit View Search Terminal Help  
[root@server1 ~]# usermod -c "Maria Clark" maria  
[root@server1 ~]# tail -10 /etc/passwd  
fred:x:1001:1001::/home/fred:/bin/bash  
joe:x:1002:1002:Joe Smith:/home/joe:/bin/bash  
user1:x:1003:1003::/home/user1:/bin/bash  
user2:x:1004:1004::/home/user2:/bin/bash  
user3:x:1005:1005::/home/user3:/bin/bash  
user4:x:1006:1006::/home/user4:/bin/bash  
kevin:x:1007:1007::/home/kevin:/bin/bash  
maria:x:1009:1011:Maria Clark:/home/maria:/bin/bash  
bob:x:1010:1012::/home/bob:/bin/bash  
andrew:x:1011:1013::/home/andrew:/bin/bash  
[root@server1 ~]# tail -10 /etc/group  
user3:x:1005:  
user4:x:1006:  
kevin:x:1007:  
Sales:x:1009:  
Technicians:x:1008:kevin  
maria:x:1011:  
bob:x:1012:  
andrew:x:1013:  
marketing:x:1015:maria,bob  
accounting:x:1016:andrew,bob  
[root@server1 ~]#
```

16. Delete the group marketing and verify the delete

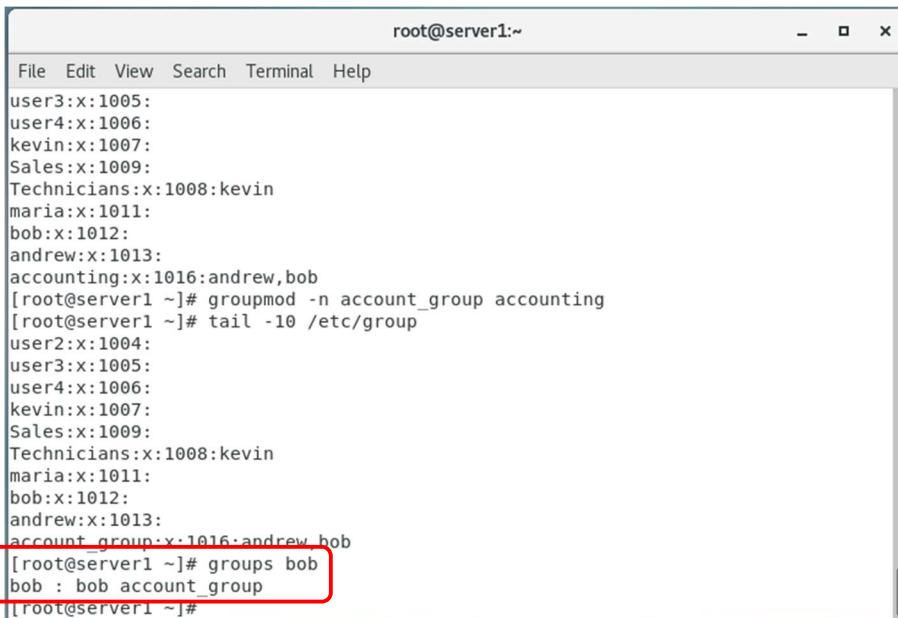
```
root@server1:~  
File Edit View Search Terminal Help  
[root@server1 ~]# tail -10 /etc/group  
user3:x:1005:  
user4:x:1006:  
kevin:x:1007:  
Sales:x:1009:  
Technicians:x:1008:kevin  
maria:x:1011:  
bob:x:1012:  
andrew:x:1013:  
marketing:x:1015:maria,bob  
accounting:x:1016:andrew,bob  
[root@server1 ~]# groupdel marketing  
[root@server1 ~]# tail -10 /etc/group  
user2:x:1004:  
user3:x:1005:  
user4:x:1006:  
kevin:x:1007:  
Sales:x:1009:  
Technicians:x:1008:kevin  
maria:x:1011:  
bob:x:1012:  
andrew:x:1013:  
accounting:x:1016:andrew,bob  
[root@server1 ~]#
```


17. Change the name of the group accounting to account_group and verify the change



```
root@server1:~  
File Edit View Search Terminal Help  
[root@server1 ~]# tail -10 /etc/group  
user2:x:1004:  
user3:x:1005:  
user4:x:1006:  
kevin:x:1007:  
Sales:x:1009:  
Technicians:x:1008:kevin  
maria:x:1011:  
bob:x:1012:  
andrew:x:1013:  
accounting:x:1016:andrew,bob  
[root@server1 ~]# groupmod -n account_group accounting  
[root@server1 ~]# tail -10 /etc/group  
user2:x:1004:  
user3:x:1005:  
user4:x:1006:  
kevin:x:1007:  
Sales:x:1009:  
Technicians:x:1008:kevin  
maria:x:1011:  
bob:x:1012:  
andrew:x:1013:  
account_group:x:1016:andrew,bob  
[root@server1 ~]#
```

18. Verify to which group the user bob belongs



```
root@server1:~  
File Edit View Search Terminal Help  
user3:x:1005:  
user4:x:1006:  
kevin:x:1007:  
Sales:x:1009:  
Technicians:x:1008:kevin  
maria:x:1011:  
bob:x:1012:  
andrew:x:1013:  
accounting:x:1016:andrew,bob  
[root@server1 ~]# groupmod -n account_group accounting  
[root@server1 ~]# tail -10 /etc/group  
user2:x:1004:  
user3:x:1005:  
user4:x:1006:  
kevin:x:1007:  
Sales:x:1009:  
Technicians:x:1008:kevin  
maria:x:1011:  
bob:x:1012:  
andrew:x:1013:  
account_group:x:1016:andrew,bob  
[root@server1 ~]# groups bob  
bob : bob account_group  
[root@server1 ~]#
```

19. Remove the user bob from the group account_group

```
root@server1:~  
File Edit View Search Terminal Help  
user4:x:1006:  
kevin:x:1007:  
Sales:x:1009:  
Technicians:x:1008:kevin  
maria:x:1011:  
bob:x:1012:  
andrew:x:1013:  
account_group:x:1016:andrew,bob  
[root@server1 ~]# groups bob  
bob : bob account_group  
[root@server1 ~]# gpasswd -d bob account_group  
Removing user bob from group account_group  
[root@server1 ~]# tail -10 /etc/group  
user2:x:1004:  
user3:x:1005:  
user4:x:1006:  
kevin:x:1007:  
Sales:x:1009:  
Technicians:x:1008:kevin  
maria:x:1011:  
bob:x:1012:  
andrew:x:1013:  
account_group:x:1016:andrew  
[root@server1 ~]#
```

20. Change the password of the users maria and bob

```
root@server1:~  
File Edit View Search Terminal Help  
[nlauzon@server1 ~]$ su -  
Password:  
Last login: Mon Mar 18 15:52:31 PDT 2024 on pts/0  
[root@server1 ~]# passwd maria  
Changing password for user maria.  
New password:  
BAD PASSWORD: The password fails the dictionary check - it is based on a dictionary word  
Retype new password:  
passwd: all authentication tokens updated successfully.  
[root@server1 ~]# passwd bob  
Changing password for user bob.  
New password:  
BAD PASSWORD: The password fails the dictionary check - it is based on a dictionary word  
Retype new password:  
passwd: all authentication tokens updated successfully.  
[root@server1 ~]#
```

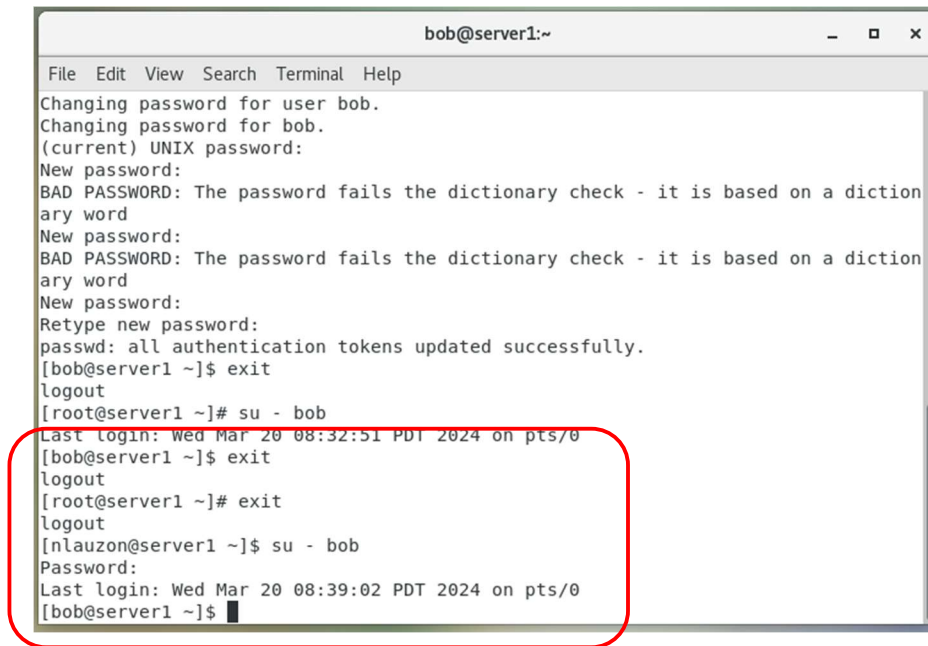
21. Log as maria or bob

```
bob@server1:~  
File Edit View Search Terminal Help  
[nlaizon@server1 ~]$ su -  
Password:  
Last login: Mon Mar 18 15:52:31 PDT 2024 on pts/0  
[root@server1 ~]# passwd maria  
Changing password for user maria.  
New password:  
BAD PASSWORD: The password fails the dictionary check - it is based on a dictionary word  
Retype new password:  
passwd: all authentication tokens updated successfully.  
[root@server1 ~]# passwd bob  
Changing password for user bob.  
New password:  
BAD PASSWORD: The password fails the dictionary check - it is based on a dictionary word  
Retype new password:  
passwd: all authentication tokens updated successfully.  
[root@server1 ~]# su - bob  
[bob@server1 ~]$
```

22. Change your password

```
bob@server1:~  
File Edit View Search Terminal Help  
New password:  
BAD PASSWORD: The password fails the dictionary check - it is too simplistic/systematic  
New password:  
BAD PASSWORD: The password fails the dictionary check - it is too simplistic/systematic  
New password:  
BAD PASSWORD: The password fails the dictionary check - it is too simplistic/systematic  
passwd: Have exhausted maximum number of retries for service  
[bob@server1 ~]$ passwd  
Changing password for user bob.  
Changing password for bob.  
(current) UNIX password:  
New password:  
BAD PASSWORD: The password fails the dictionary check - it is based on a dictionary word  
New password:  
BAD PASSWORD: The password fails the dictionary check - it is based on a dictionary word  
New password:  
Retype new password:  
passwd: all authentication tokens updated successfully.  
[bob@server1 ~]$
```

23. Exit then login again as maria or bob to verify the password change



A terminal window titled 'bob@server1:~' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal output shows the process of changing the password for user 'bob'. It starts with 'Changing password for user bob.' and 'Changing password for bob.'. The user is prompted for the current password, which is '(current) UNIX password:'. Then, they are prompted for a new password. The first attempt fails with 'BAD PASSWORD: The password fails the dictionary check - it is based on a dictionary word'. The second attempt also fails with the same message. The third attempt is successful, followed by 'passwd: all authentication tokens updated successfully.'. The user then enters 'exit' and is prompted for a login. They enter 'root' and are prompted for a password. They enter 'bob' and are prompted for a password. They enter the new password and are prompted to retype it. They enter the new password again. The terminal then shows 'Last login: Wed Mar 20 08:32:51 PDT 2024 on pts/0' and '[bob@server1 ~]\$ exit'. The user then enters 'logout' and is prompted for a login. They enter 'root' and are prompted for a password. They enter 'bob' and are prompted for a password. They enter the new password and are prompted to retype it. They enter the new password again. The terminal then shows 'Last login: Wed Mar 20 08:39:02 PDT 2024 on pts/0' and '[bob@server1 ~]\$'. A red circle highlights the last part of the terminal output, from 'Last login: Wed Mar 20 08:39:02 PDT 2024 on pts/0' to '[bob@server1 ~]\$'.

```
bob@server1:~  
File Edit View Search Terminal Help  
Changing password for user bob.  
Changing password for bob.  
(current) UNIX password:  
New password:  
BAD PASSWORD: The password fails the dictionary check - it is based on a dictionary word  
New password:  
BAD PASSWORD: The password fails the dictionary check - it is based on a dictionary word  
New password:  
Retype new password:  
passwd: all authentication tokens updated successfully.  
[bob@server1 ~]$ exit  
logout  
[root@server1 ~]# su - bob  
Last login: Wed Mar 20 08:32:51 PDT 2024 on pts/0  
[bob@server1 ~]$ exit  
logout  
[root@server1 ~]# exit  
logout  
[nlauzon@server1 ~]$ su - bob  
Password:  
Last login: Wed Mar 20 08:39:02 PDT 2024 on pts/0  
[bob@server1 ~]$
```