

[root@38b5a32f8e48 ~]# useradd -c CEO -e 2025-01-01 Ali

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[root@38b5a32f8e48 ~]# useradd -c "HR, Manager" -e 2025-01-01 Salem
[root@38b5a32f8e48 ~]# useradd -c "Shopping" -e 2025-01-01 Sara
[root@38b5a32f8e48 ~]# useradd -c "HR Specialist" -e 2025-01-01 Deem
[root@38b5a32f8e48 ~]# useradd -c "Sales represntative" -e 2025-01-01 Hanan
[root@38b5a32f8e48 ~]# useradd -c "Shipping" -e 2025-01-01 Naif
[root@38b5a32f8e48 ~]# useradd -c "HR" -e 2025-01-01 Norah
[root@38b5a32f8e48 ~]# useradd -c "Sales representative" -e
2025-01-01 Khaled
[root@38b5a32f8e48 ~]# |
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[root@38b5a32f8e48 ~]# tail -n 9 /etc/passwd
Shada:x:1000:1000::/home/Shada:/bin/bash
Ali:x:1001:1001:CEO:/home/Ali:/bin/bash
Salem:x:1002:1002:HR, Manager:/home/Salem:/bin/bash
Sara:x:1003:1003:Shopping:/home/Sara:/bin/bash
Deem:x:1004:1004:HR Specialist:/home/Deem:/bin/bash
Hanan:x:1005:1005:Sales representative:/home/Hanan:/bin/bash
Naif:x:1006:1006:Shipping:/home/Naiif:/bin/bash
Norah:x:1007:1007:HR:/home/Norah:/bin/bash
Khaled:x:1008:1008:Sales representative:/home/Khaled:/bin/bash
[root@38b5a32f8e48 ~]# |
```

root@38b5a32f8e48:~

[root@38b5a32f8e48 ~]# passwd Ali

Changing password for user Ali.

New password:

Retype new password:

Sorry, passwords do not match.

New password:

Retype new password:

passwd: all authentication tokens updated successfully.

[root@38b5a32f8e48 ~]# passwd Salem

Changing password for user Salem.

New password:

Retype new password:

passwd: all authentication tokens updated successfully.

[root@38b5a32f8e48 ~]# passwd Sara

Changing password for user Sara.

New password:

Retype new password:

passwd: all authentication tokens updated successfully.

[root@38b5a32f8e48 ~]# passwd Deem

Changing password for user Deem.

New password:

Retype new password:

passwd: all authentication tokens updated successfully.

[root@38b5a32f8e48 ~]# passwd Hanan

Changing password for user Hanan.

New password:

Retype new password:

passwd: all authentication tokens updated successfully.

[root@38b5a32f8e48 ~]# passwd Naif

Changing password for user Naif.

New password:

Retype new password:

passwd: all authentication tokens updated successfully.

[root@38b5a32f8e48 ~]# passwd Norah

Changing password for user Norah.

New password:

Retype new password:

passwd: all authentication tokens updated successfully.

[root@38b5a32f8e48 ~]# passwd Khaled

Changing password for user Khaled.

New password:

Retype new password:

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Retype new password:
passwd: all authentication tokens updated successfully.
[root@38b5a32f8e48 ~]# tail /etc/shadow
unbound:!!:19589:::
Shada:$6$PBqm2s48RElrYAO4$7ovBxGp4iXGdj13IdBeUqqQoz3xdkB3jj1QhAn.1iVdm0CqqOLm9XvPI2QtGPwUwc06oAqME4XsVn8XWl.sC/:19592:0:99999:7::
Ali:$6$uO.B0hiZjVnquXPf$/1rYO0G/4dmfcArmRFB0Ir802gTuygsJ3rTF6/LdhnRh3W2Nci4KfDu9XlIROfNMU2y8NNr5S3jCBvZlCFHP1.:19592:0:99999:7::20089:
Salem:$6$Njs3ib7DIF4nBj3I$gAsO5epompjVBUR4CL5Ax7MlGk8P9scTY8CvAtIaxXFNxzau418uXoj3DDji7..j7xxH2qu16EZjIi3Hzzehc.:19592:0:99999:7::20089:
Sara:$6$LlPWivwMBRWhcSuq$SB1WBU194lIXJm1SG2X.btRMvPdMDmRvwZhYHa9I/XD7PjbOCA/MbTkZwgoOwCci6/H2RcxJ/8bxnA1mIqRBB0:19592:0:99999:7::20089:
Deem:$6$VoN8NTNb9kOLzHaU$ens4bhvAEzBrGIqDv6LzJ8lvU0a3HsnF6iDAa0iDXEV2LHfu0pufSq2YtEPFxYRVbe3N7srmQ0eLl0dL8f6CT.:19592:0:99999:7::20089:
Hanan:$6$gy6dAZwHuTeMuCgF$VzUjFQMU8oGEuwanPU83YTidxqTM7GjrBcqM8mr.963zwz4pABKaNT5AUCjZ5nKrZydbAL2Hqm10UP03qSvzw/:19592:0:99999:7::20089:
Naif:$6$tm0XrKarOP5pTqkB$EfrQ9oCE5cAcn6CScr4S24uFMV9lFm3ZH8lEZwtj0N83c9qhe4TqACWewIXFaZt7DJDJv9lQKlMsmh8itq4k1:19592:0:99999:7::20089:
Norah:$6$x.pI4P1Upzad9Kfy$G/CHPHUQwjn1GxDFhn6dHJqzc3sHjPnQbFwx4rMfqKcAB9KLYNQj2nHw26IQDvkbzehNKRorSNskOPzawRyu0/:19592:0:99999:7::20089:
Khaled:$6$jh8M.4EHqbBEVnL4$B2qohyVH7f/jtNC.QjAh9KMRqUoaaNJ/fwrb767oarvTXF30hTNoUnnQY5awbwucpEN2nAS6v72tM.Kvby8Ub.:19592:0:99999:7::20089:
[root@38b5a32f8e48 ~]# |
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root@38b5a32f8e48:~

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[root@38b5a32f8e48 ~]# groupadd CEO
[root@38b5a32f8e48 ~]# groupadd HR
[root@38b5a32f8e48 ~]# groupadd Manager
[root@38b5a32f8e48 ~]# groupadd Shipping
[root@38b5a32f8e48 ~]# groupadd Sales
[root@38b5a32f8e48 ~]# gpasswd CEO
Changing the password for group CEO
New Password:
Re-enter new password:
[root@38b5a32f8e48 ~]# gpasswd HR
Changing the password for group HR
New Password:
Re-enter new password:
[root@38b5a32f8e48 ~]# gpasswd Sales
Changing the password for group Sales
New Password:
Re-enter new password:
[root@38b5a32f8e48 ~]# |
```

```
[root@38b5a32f8e48 ~]# gpasswd -a Ali CEO
Adding user Ali to group CEO
[root@38b5a32f8e48 ~]# usermod Salem -aG HR, Manager
usermod: group '' does not exist
[root@38b5a32f8e48 ~]# usermod Salem -aG HR,Manager
[root@38b5a32f8e48 ~]# gpasswd -a Sara Shipping
Adding user Sara to group Shipping
[root@38b5a32f8e48 ~]# gpasswd -a Deem HR
Adding user Deem to group HR
[root@38b5a32f8e48 ~]# gpasswd -a Hanan Sales
Adding user Hanan to group Sales
[root@38b5a32f8e48 ~]# gpasswd -a Naif Shipping
Adding user Naif to group Shipping
[root@38b5a32f8e48 ~]# gpasswd -a Norah HR
Adding user Norah to group HR
[root@38b5a32f8e48 ~]# gpasswd -a Khaled Sales
Adding user Khaled to group Sales
[root@38b5a32f8e48 ~]# |
```

```
[root@38b5a32f8e48 ~]# tail /etc/passwd
unbound:x:998:996:Unbound DNS resolver:/etc/unbound:/sbin/nologin
Shada:x:1000:1000::/home/Shada:/bin/bash
Ali:x:1001:1001:CEO:/home/Ali:/bin/bash
Salem:x:1002:1002:HR, Manager:/home/Salem:/bin/bash
Sara:x:1003:1003:Shipping:/home/Sara:/bin/bash
Deem:x:1004:1004:HR Specialist:/home/Deem:/bin/bash
Hanan:x:1005:1005:sales representative:/home/Hanan:/bin/bash
Naif:x:1006:1006:Shipping:/home/Naif:/bin/bash
Norah:x:1007:1007:HR:/home/Norah:/bin/bash
Khaled:x:1008:1008:sales representative:/home/Khaled:/bin/bash
```



```
[root@38b5a32f8e48 ~]# tail /etc/shadow
unbound:!!:19589:::
Shada:$6$PBqm2s48RElryAO4$7ovBxGp4iXGdj13IdBeUqqQoz3xdkB3jj1QhAn.1iVdm0CqqOLm9XvPI2QtGPwUwc06oAqME4XsVn8XWl.sc/:19592:0:99999:7::
Ali:$6$uO.B0hiZjVnquXPf$/1rY00G/4dmfcArmRFBoIr802gTuygsJ3rTF6/LdhnRh3W2Nci4KfDu9XlIRofNMU2y8NNr5S3jCBvZlCFHP1.:19592:0:99999:7::20089:
Salem:$6$Njs3ib7DIF4nBj3I$gAsO5epompjVBUR4CL5Ax7MlGk8P9scTY8CvAtIaxXFNxzau418uXoj3DDJi7..j7xxH2qUl6EZjIi3Hzzehc.:19592:0:99999:7::20089:
Sara:$6$LlPWivwMBRWhcSuq$sB1wBU194lIXJm1SG2X.btRMvPdMDmRvwZhYHa9I/XD7PjbOCA/MbTkZwgoOwCci6/H2RcxJ/8bxnA1mIqRBB0:19592:0:99999:7::20089:
Deem:$6$VoN8NTNb9kOLzHaU$ens4bhvAEzBrGIqDv6LzJ8lvU0a3HsnF6iDAA0iDXEV2LHfu0pufSq2YtEPFxYRVbe3N7srmQ0eLl0dL8f6CT.:19592:0:99999:7::20089:
Hanan:$6$gy6dAZwHuTeMuCgF$VzUjFQMU8oGEuwanPU83YTidxqTM7GjrBcqM8mr.963zwz4pABKaNT5AUCjZ5nKrZydbAL2Hqm10UP03qSvzw/:19592:0:99999:7::20089:
Naif:$6$tm0XrKarOP5pTqkB$EFrQ9oCE5cAcn6CScr4S24uFMV9lFm3ZH8lEZwtj0N83c9qhe4TqACwewIXFaZt7DJDJv9lQKlMsmh8itq4k1:19592:0:99999:7::20089:
Norah:$6$x.PI4P1Upzad9Kfy$G/CHPHUQwjn1GxDFhn6dHJqzc3sHjPnQbFwx4rMfqKcAB9KLYNQj2nHw26IQDvkbzehrNKRorSNskOPzawRyu0/:19592:0:99999:7::20089:
Khaled:$6$jh8M.4EHqbBEVnL4$B2qohyVH7f/jtNC.QjAh9KMRqUoaaNJ/fwrb767oarvTXF3OhTNoUnnQY5awbwucpEN2nAS6v72tM.Kvby8Ub.:19592:0:99999:7::20089:
[root@38b5a32f8e48 ~]# |
```

```
[root@38b5a32f8e48 ~]# tail /etc/group
Deem:x:1004:
Hanan:x:1005:
Naif:x:1006:
Norah:x:1007:
Khaled:x:1008:
CEO:x:1009:Ali
HR:x:1010:Salem,Deem,Norah
Manager:x:1011:Salem
Shipping:x:1012:Sara,Naif
Sales:x:1013:Hanan,Khaled
[root@38b5a32f8e48 ~]# |
```