user management

Hi,

1)  Create user "nikhil" with home directory set as "/home/nikhil"

root@ip-172-31-26-56:/# useradd Nikhil

root@ip-172-31-26-56:/home# mkdir nikhil

       a) nikhil user should have "/bin/sh" shell for his environment

nikhil:x:1001:1001::/nikhil:/bin/sh

       b) His password should expire in 9 days and 2 days before password expiry, he should get warning. User account must expire in 1 month from creation date

root@ip-172-31-26-56:/home/ubuntu# chage -l nikhil

Last password change : Dec 17, 2020

Password expires : never

Password inactive : never

Account expires : never

Minimum number of days between password change : 0

Maximum number of days between password change : 99999

Number of days of warning before password expires : 7

His password should expire in 9 days

root@ip-172-31-26-56:/home/ubuntu# chage -M 9 nikhil

root@ip-172-31-26-56:/home/ubuntu# chage -l nikhil

Last password change : Dec 17, 2020

Password expires : Dec 26, 2020

Password inactive : never

Account expires : never

Minimum number of days between password change : 0

Maximum number of days between password change : 9

Number of days of warning before password expires : 7

User account must expire in 1 month from creation date

root@ip-172-31-26-56:/home/ubuntu# chage -E $(date -d +30days +%Y-%m-%d) nikhil

root@ip-172-31-26-56:/home/ubuntu# chage -l nikhil

Last password change : Dec 17, 2020

Password expires : Dec 26, 2020

Password inactive : never

Account expires : Jan 16, 2021

Minimum number of days between password change : 0

Maximum number of days between password change : 9

Number of days of warning before password expires : 7

2 days before password expiry, he should get warning.

root@ip-172-31-26-56:/home/ubuntu# chage -W 2 nikhil

root@ip-172-31-26-56:/home/ubuntu# chage -l nikhil

Last password change : Dec 17, 2020

Password expires : Dec 26, 2020

Password inactive : never

Account expires : Jan 16, 2021

Minimum number of days between password change : 0

Maximum number of days between password change : 9

Number of days of warning before password expires : 2

      c) Give him root privileges to start/stop cron daemon.  
  
2) Inside folder "/" , create new home directory as "nikhil" (/nikhil) and setup this folder as a home directory for user "nikhil"

root@ip-172-31-26-56:/home/ubuntu# usermod -aG sudo nikhil

root@ip-172-31-26-56:/home/ubuntu# usermod -m -d /nikhil nikhil

root@ip-172-31-26-56:/# sudo su nikhil

$ cd

$ pwd

/nikhil