

Lab Course: _____

Name: _____

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```
/ $ ssh cloud_user@3.84.197.246
```

```
Host '3.84.197.246' is not in the trusted hosts file.
```

```
(ssh-ed25519 fingerprint sha1!! aa:e2:c1:78:94:9c:ae:61:7d:6e:4c:84:2c:e6:d4:89:3c:24:04:df)
```

```
Do you want to continue connecting? (y/n) y
```

```
cloud_user@3.84.197.246's password:
```

```
Welcome to Ubuntu 16.04.5 LTS (GNU/Linux 4.4.0-1074-aws x86_64)
```

```
* Documentation:  https://help.ubuntu.com
```

```
* Management:    https://landscape.canonical.com
```

```
* Support:        https://ubuntu.com/advantage
```

```
Get cloud support with Ubuntu Advantage Cloud Guest:
```

```
http://www.ubuntu.com/business/services/cloud
```

```
209 packages can be updated.
```

```
147 updates are security updates.
```

```
cloud_user@ip-10-0-0-116:~$ cat /etc/pam.d/common-password | sed -n '25p'  
password [success=1 default=ignore] pam_unix.so obscure sha512
```

```
cloud_user@ip-10-0-0-116:~$ sudo sed -i '25s/sha512/sha512 minlen=12/g' /etc/pam.d/common-password
```

```
cloud_user@ip-10-0-0-116:~$ cat /etc/pam.d/common-password | sed -n '25p'  
password [success=1 default=ignore] pam_unix.so obscure sha512 minlen=12
```

```
cloud_user@ip-10-0-0-116:~$ grep -n '99999' /etc/login.defs  
160:PASS_MAX_DAYS          99999  
290:# The values must be inside the 1000-999999999 range.
```

```
cloud_user@ip-10-0-0-116:~$ sudo sed -i '160s/99999/180/g' /etc/login.defs
```

```
cloud_user@ip-10-0-0-116:~$ cat /etc/login.defs | sed -n '160p'  
PASS_MAX_DAYS    180
```

```
cloud_user@ip-10-0-0-116:~$ cat /etc/login.defs | sed -n '161p'  
PASS_MIN_DAYS    0
```

```
cloud_user@ip-10-0-0-116:~$ sudo sed -i '161s/0/3/g' /etc/login.defs
```

```
cloud_user@ip-10-0-0-116:~$ cat /etc/login.defs | sed -n '161p'  
PASS_MIN_DAYS    3
```

```
cloud_user@ip-10-0-0-116:~$ sudo grep -n -m 1 '^[^#]' /etc/pam.d/common-auth  
17:auth [success=1 default=ignore] pam_unix.so nullok_secure
```

```
cloud_user@ip-10-0-0-116:~$ sudo sed -i '17iauth required pam_tally2.so onerr=fail deny=3 unlock_time=600 audit' /etc/pam.d/common-auth
```

```
cloud_user@ip-10-0-0-116:~$ cat /etc/pam.d/common-auth | sed -n '17,18p'
```

```
auth required pam_tally2.so onerr=fail deny=3 unlock_time=600 audit  
auth [success=1 default=ignore] pam_unix.so nullok_secure
```

```
cloud_user@ip-10-0-0-116:~$ sudo adduser contractor1
```

```
Adding user `contractor1' ...
```

```
Adding new group `contractor1' (1000) ...
```

```
Adding new user `contractor1' (1000) with group `contractor1' ...
```

```
Creating home directory `/home/contractor1' ...
```

```
Copying files from `/etc/skel' ...
```

```
Enter new UNIX password:
```

```
Retype new UNIX password:
```

```
passwd: password updated successfully
```

```
cloud_user@ip-10-0-0-116:~$ sudo chage -E "06/22/2020" contractor1
```

```
cloud_user@ip-10-0-0-116:~$ sudo chage -E "06/29/2020" contractor1
cloud_user@ip-10-0-0-116:~$ sudo chage -l contractor1
Last password change                : Jun 22, 2020
Password expires                    : Dec 19, 2020
Password inactive                   : never
Account expires                    : Jun 29, 2020
Minimum number of days between password change : 3
Maximum number of days between password change : 180
Number of days of warning before password expires : 7
```

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