

Creation of User assignment

Thursday, August 1, 2024 2:21 AM

1. User edikobia created from ec2-user

```
[ec2-user@ediserver ~]$ sudo useradd edikobia
[ec2-user@ediserver ~]$ ls /home
ec2-user  edi2  edidi  edidn  edikobia  user1  user2
[ec2-user@ediserver ~]$
```

2. Password given

```
[ec2-user@ediserver ~]$ sudo -i
[root@ediserver ~]# passwd edikobia
Changing password for user edikobia.
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.
```

3. Two directories created in the var/tmp (dir1aa and dir1bb)

```
[ec2-user@ediserver ~]$ mkdir /var/tmp/dir1aa
[ec2-user@ediserver ~]$ mkdir /var/tmp/dir1bb
[ec2-user@ediserver ~]$ ls -lart /var/tmp/
total 0
drwxr-xr-x 19 root      root      269 May 18 00:46 ..
drwxrwxr-x 2 ec2-user  ec2-user   6 Jul 15 19:48 dir3
drwx----- 3 root      root      17 Aug 1 05:28 systemd-private-4638930e5cf94998a3a4342dcac51a6a-chronyd.service-aJBbX1
drwxrwxr-x 2 ec2-user  ec2-user  34 Aug 1 06:22 dir2
drwxrwxr-x 2 ec2-user  ec2-user  19 Aug 1 06:22 dir1
drwxrwxr-x 2 ec2-user  ec2-user   6 Aug 1 07:14 dir1a
drwxrwxr-x 2 ec2-user  ec2-user  21 Aug 1 07:16 dir2a
drwxrwxr-x 2 ec2-user  ec2-user   6 Aug 1 07:37 dir1aa
drwxrwxr-x 2 ec2-user  ec2-user   6 Aug 1 07:37 dir1bb
drwxrwxrwt 10 root      ec2-user 175 Aug 1 07:37 
[ec2-user@ediserver ~]$
```

4. Content copied from ec2-user to one of the files.

```
[ec2-user@ediserver ~]$ cp /etc/passwd /var/tmp/dir1aa/file1aa
[ec2-user@ediserver ~]$ ls -lart /var/tmp/dir1aa/file1aa
-rw-r--r-- 1 ec2-user  ec2-user 1521 Aug 1 07:39 /var/tmp/dir1aa/file1aa
[ec2-user@ediserver ~]$ cat /var/tmp/dir1aa/file1aa
root:x:0:0:root:/root:/bin/bash
bin:x:1:1:bin:/bin:/sbin/nologin
daemon:x:2:2:daemon:/sbin:/sbin/nologin
adm:x:3:4:adm:/var/adm:/sbin/nologin
lp:x:4:7:lp:/var/spool/lpd:/sbin/nologin
sync:x:5:0:sync:/sbin:/bin/sync
shutdown:x:6:0:shutdown:/sbin:/sbin/shutdown
halt:x:7:0:halt:/sbin:/sbin/halt
mail:x:8:12:mail:/var/spool/mail:/sbin/nologin
operator:x:11:0:operator:/root:/sbin/nologin
games:x:12:100:games:/usr/games:/sbin/nologin
ftp:x:14:50:FTP User:/var/ftp:/sbin/nologin
nobody:x:99:99:Nobody:/:/sbin/nologin
systemd-network:x:192:192:systemd Network Management:/:/sbin/nologin
dbus:x:81:81:System message bus:/:/sbin/nologin
rpc:x:32:32:Rpcbind Daemon:/var/lib/rpcbind:/sbin/nologin
libstoragemgmt:x:999:998:daemon account for libstoragemgmt:/var/run/lsm:/sbin/nologin
sshd:x:74:74:Privilege-separated SSH:/var/empty/sshd:/sbin/nologin
rngd:x:998:996:Random Number Generator Daemon:/var/lib/rngd:/sbin/nologin
postfix:x:89:89:/:/var/spool/postfix:/sbin/nologin
ec2-instance-connect:x:997:995:/:/home/ec2-instance-connect:/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
chrony:x:996:994:/:/var/lib/chrony:/sbin/nologin
tcpdump:x:72:72:/:/sbin/nologin
ec2-user:x:1000:1000:EC2 Default User:/home/ec2-user:/bin/bash
edidn:x:1001:1001:/:/home/edidn:/bin/bash
user1:x:1002:1002:/:/home/user1:/bin/bash
edi2:x:1003:1004:/:/home/edi2:/bin/bash
```

5 Read the file from the new user created

```
[edikobia@ediserver ~]$ cat /var/tmp/dir1aa/file1aa
root:x:0:0:root:/root:/bin/bash
bin:x:1:1:bin:/bin:/sbin/nologin
daemon:x:2:2:daemon:/sbin:/sbin/nologin
adm:x:3:4:adm:/var/adm:/sbin/nologin
lp:x:4:7:lp:/var/spool/lpd:/sbin/nologin
sync:x:5:0:sync:/sbin:/bin/sync
shutdown:x:6:0:shutdown:/sbin:/sbin/shutdown
halt:x:7:0:halt:/sbin:/sbin/halt
mail:x:8:12:mail:/var/spool/mail:/sbin/nologin
operator:x:11:0:operator:/root:/sbin/nologin
games:x:12:100:games:/usr/games:/sbin/nologin
ftp:x:14:50:FTP User:/var/ftp:/sbin/nologin
nobody:x:99:99:Nobody:/:/sbin/nologin
systemd-network:x:192:192:systemd Network Management:/:/sbin/nologin
dbus:x:81:81:System message bus:/:/sbin/nologin
rpc:x:32:32:Rpcbind Daemon:/var/lib/rpcbind:/sbin/nologin
libstoragemgmt:x:999:998:daemon account for libstoragemgmt:/var/run/lsm:/sbin/nologin
sshd:x:74:74:Privilege-separated SSH:/var/empty/ssh:/sbin/nologin
rngd:x:998:996:Random Number Generator Daemon:/var/lib/rngd:/sbin/nologin
postfix:x:89:89:/var/spool/postfix:/sbin/nologin
ec2-instance-connect:x:997:995:/home/ec2-instance-connect:/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
chrony:x:996:994:/var/lib/chrony:/sbin/nologin
tcpdump:x:72:72:/:/sbin/nologin
ec2-user:x:1000:1000:EC2 Default User:/home/ec2-user:/bin/bash
edidn:x:1001:1001:/home/edidn:/bin/bash
user1:x:1002:1002:/home/user1:/bin/bash
edi2:x:1003:1004:/home/edi2:/bin/bash
edidi:x:1004:1005:/home/edidi:/bin/bash
edikobia:x:1005:1006:/home/edikobia:/bin/bash
[edikobia@ediserver ~]$
```

6. Permission removed from the file and read again by the new user created

```
[ec2-user@ediserver ~]$ ls -lart /var/tmp/dir1aa/file1aa
-rw-r--r-- 1 ec2-user ec2-user 1521 Aug 1 07:39 /var/tmp/dir1aa/file1aa
[ec2-user@ediserver ~]$ sudo chmod 0-r /var/tmp/dir1aa/file1aa
chmod: invalid mode: '0-r'
Try 'chmod --help' for more information.
[ec2-user@ediserver ~]$ sudo chmod o-r /var/tmp/dir1aa/file1aa
[ec2-user@ediserver ~]$ ls -lart /var/tmp/dir1aa/file1aa
-rw-r----- 1 ec2-user ec2-user 1521 Aug 1 07:39 /var/tmp/dir1aa/file1aa
[ec2-user@ediserver ~]$
```

```
[edikobia@ediserver ~]$ cat /var/tmp/dir1aa/file1aa
cat: /var/tmp/dir1aa/file1aa: Permission denied
[edikobia@ediserver ~]$
```

7. Change the group of the file from ec2-user and try to read the file from the new user again.

```
[ec2-user@ediserver ~]$ sudo chgrp edikobia /var/tmp/dir1aa/file1aa
[ec2-user@ediserver ~]$ ls -lart /var/tmp/dir1aa/file1aa
-rw-r----- 1 ec2-user edikobia 1521 Aug 1 07:39 /var/tmp/dir1aa/file1aa
[ec2-user@ediserver ~]$
```

```
[edikobia@ediserver ~]$ cat /var/tmp/dir1aa/file1aa
root:x:0:0:root:/root:/bin/bash
bin:x:1:1:bin:/bin:/sbin/nologin
daemon:x:2:2:daemon:/sbin:/sbin/nologin
adm:x:3:4:adm:/var/adm:/sbin/nologin
lp:x:4:7:lp:/var/spool/lpd:/sbin/nologin
sync:x:5:0:sync:/sbin:/bin/sync
shutdown:x:6:0:shutdown:/sbin:/sbin/shutdown
halt:x:7:0:halt:/sbin:/sbin/halt
mail:x:8:12:mail:/var/spool/mail:/sbin/nologin
operator:x:11:0:operator:/root:/sbin/nologin
games:x:12:100:games:/usr/games:/sbin/nologin
ftp:x:14:50:FTP User:/var/ftp:/sbin/nologin
nobody:x:99:99:Nobody:/:/sbin/nologin
systemd-network:x:192:192:systemd Network Management:/:/sbin/nologin
dbus:x:81:81:System message bus:/:/sbin/nologin
rpc:x:32:32:Rpcbind Daemon:/var/lib/rpcbind:/sbin/nologin
libstoragemgmt:x:999:998:daemon account for libstoragemgmt:/var/run/lsm:/sbin/nologin
sshd:x:74:74:Privilege-separated SSH:/var/empty/ssh:/sbin/nologin
rngd:x:998:996:Random Number Generator Daemon:/var/lib/rngd:/sbin/nologin
postfix:x:89:89:/var/spool/postfix:/sbin/nologin
ec2-instance-connect:x:997:995:/home/ec2-instance-connect:/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
chrony:x:996:994:/var/lib/chrony:/sbin/nologin
tcpdump:x:72:72:/:/sbin/nologin
ec2-user:x:1000:1000:EC2 Default User:/home/ec2-user:/bin/bash
edidn:x:1001:1001:/home/edidn:/bin/bash
user1:x:1002:1002:/home/user1:/bin/bash
edi2:x:1003:1004:/home/edi2:/bin/bash
edidi:x:1004:1005:/home/edidi:/bin/bash
edikobia:x:1005:1006:/home/edikobia:/bin/bash
[edikobia@ediserver ~]$
```

8 File copied from dir1aa to dir1bb

```
[ec2-user@ediserver ~]$ cp /var/tmp/dir1aa/file1aa /var/tmp/dir1bb
[ec2-user@ediserver ~]$ ls -lart /var/tmp/dir1bb
total 4
drwxrwxrwt 10 root      ec2-user 175 Aug 1 07:37 .
-rw-r----- 1 ec2-user ec2-user 1521 Aug 1 07:53 file1aa
drwxrwxr-x  2 ec2-user ec2-user  21 Aug 1 07:53 .
[ec2-user@ediserver ~]$
```

9 File deleted from dir1bb

```
[ec2-user@ediserver ~]$ rm -rf /var/tmp/dir1bb/file1aa
[ec2-user@ediserver ~]$ ls -lart /var/tmp/dir1bb
total 0
drwxrwxrwt 10 root      ec2-user 175 Aug  1 07:37 .
drwxrwxr-x  2 ec2-user ec2-user   6 Aug  1 07:55 .
[ec2-user@ediserver ~]$
```

10. File moved from dir1aa to dir1bb.

```
[ec2-user@ediserver ~]$ mv /var/tmp/dir1aa/file1aa /var/tmp/dir1bb
[ec2-user@ediserver ~]$ ls -lart /var/tmp/dir1bb
total 4
drwxrwxrwt 10 root      ec2-user 175 Aug  1 07:37 .
-rw-r----- 1 ec2-user edikobia 1521 Aug  1 07:39 file1aa
drwxrwxr-x  2 ec2-user ec2-user  21 Aug  1 07:57 .
[ec2-user@ediserver ~]$
```

11. File from dir1bb renamed using the mv command

```
[ec2-user@ediserver ~]$ mv /var/tmp/dir1bb/file1aa /var/tmp/dir1bb/edifile1
[ec2-user@ediserver ~]$ ls -lart /var/tmp/dir1bb/
total 4
drwxrwxrwt 10 root      ec2-user 175 Aug  1 07:37 .
-rw-r----- 1 ec2-user edikobia 1521 Aug  1 07:39 edifile1
drwxrwxr-x  2 ec2-user ec2-user  22 Aug  1 07:59 .
[ec2-user@ediserver ~]$
```