

Linux User management

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user6@vagrant-ubuntu-trusty-64: /home/vagrant
user12:x:1013:
user13:x:1014:
user14:x:1015:
user15:x:1016:
DevOps:x:1017:user1,user2,user3,user4,user5
Developers:x:1018:user6,user7,user8,user9,user10
Designers:x:1019:user11,user12,user13,user14,user15
vagrant@vagrant-ubuntu-trusty-64:~$ touch first.txt second.txt third.txt
vagrant@vagrant-ubuntu-trusty-64:~$ ls -l
total 8
-rw-rw-r-- 1 vagrant vagrant 0 Jun 12 22:42 first.txt
drwxrwxr-x 2 vagrant vagrant 4096 Jun 12 15:59 folder1
drwxrwxr-x 2 vagrant vagrant 4096 Jun 12 14:58 folder2
-rw-rw-r-- 1 vagrant vagrant 0 Jun 12 22:42 second.txt
-rw-rw-r-- 1 vagrant vagrant 0 Jun 12 22:42 third.txt
vagrant@vagrant-ubuntu-trusty-64:~$ sudo chgrp DevOps first.txt
vagrant@vagrant-ubuntu-trusty-64:~$ sudo chgrp Developers second.txt
vagrant@vagrant-ubuntu-trusty-64:~$ sudo chgrp Designers third.txt
vagrant@vagrant-ubuntu-trusty-64:~$ ls -l
total 8
-rw-rw-r-- 1 vagrant DevOps 0 Jun 12 22:42 first.txt
drwxrwxr-x 2 vagrant vagrant 4096 Jun 12 15:59 folder1
drwxrwxr-x 2 vagrant vagrant 4096 Jun 12 14:58 folder2
-rw-rw-r-- 1 vagrant Developers 0 Jun 12 22:42 second.txt
-rw-rw-r-- 1 vagrant Designers 0 Jun 12 22:42 third.txt
vagrant@vagrant-ubuntu-trusty-64:~$ sudo chmod g+wx,o-r first.txt
vagrant@vagrant-ubuntu-trusty-64:~$ sudo chmod g+wx,o-r second.txt
vagrant@vagrant-ubuntu-trusty-64:~$ sudo chmod g+wx,o-r third.txt
vagrant@vagrant-ubuntu-trusty-64:~$ ls -l
total 8
-rw-rwx--- 1 vagrant DevOps 0 Jun 12 22:42 first.txt
drwxrwxr-x 2 vagrant vagrant 4096 Jun 12 15:59 folder1
drwxrwxr-x 2 vagrant vagrant 4096 Jun 12 14:58 folder2
-rw-rwx--- 1 vagrant Developers 0 Jun 12 22:42 second.txt
-rw-rwx--- 1 vagrant Designers 0 Jun 12 22:42 third.txt
vagrant@vagrant-ubuntu-trusty-64:~$ sudo su user6
user6@vagrant-ubuntu-trusty-64:/home/vagrant$ cat first.txt
cat: first.txt: Permission denied
user6@vagrant-ubuntu-trusty-64:/home/vagrant$ cat second.txt
cat: second.txt: Permission denied
user6@vagrant-ubuntu-trusty-64:/home/vagrant$ cat third.txt
cat: third.txt: Permission denied
user6@vagrant-ubuntu-trusty-64:/home/vagrant$ sudo su user2
[sudo] password for user6:
user6 is not in the sudoers file. This incident will be reported.
user6@vagrant-ubuntu-trusty-64:/home/vagrant$
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user2@vagrant-ubuntu-trusty-64: /home/vagrant
total 8
-rw-rw-r-- 1 vagrant DevOps 0 Jun 12 22:42 first.txt
drwxrwxr-x 2 vagrant vagrant 4096 Jun 12 15:59 folder1
drwxrwxr-x 2 vagrant vagrant 4096 Jun 12 14:58 folder2
-rw-rw-r-- 1 vagrant Developers 0 Jun 12 22:42 second.txt
-rw-rw-r-- 1 vagrant Designers 0 Jun 12 22:42 third.txt
vagrant@vagrant-ubuntu-trusty-64:~$ sudo chmod g+wx,o-r first.txt
vagrant@vagrant-ubuntu-trusty-64:~$ sudo chmod g+wx,o-r second.txt
vagrant@vagrant-ubuntu-trusty-64:~$ sudo chmod g+wx,o-r third.txt
vagrant@vagrant-ubuntu-trusty-64:~$ ls -l
total 8
-rw-rwx--- 1 vagrant DevOps 0 Jun 12 22:42 first.txt
drwxrwxr-x 2 vagrant vagrant 4096 Jun 12 15:59 folder1
drwxrwxr-x 2 vagrant vagrant 4096 Jun 12 14:58 folder2
-rw-rwx--- 1 vagrant Developers 0 Jun 12 22:42 second.txt
-rw-rwx--- 1 vagrant Designers 0 Jun 12 22:42 third.txt
vagrant@vagrant-ubuntu-trusty-64:~$ sudo su user6
user6@vagrant-ubuntu-trusty-64:/home/vagrant$ cat first.txt
cat: first.txt: Permission denied
user6@vagrant-ubuntu-trusty-64:/home/vagrant$ cat second.txt
cat: second.txt: Permission denied
user6@vagrant-ubuntu-trusty-64:/home/vagrant$ cat third.txt
cat: third.txt: Permission denied
user6@vagrant-ubuntu-trusty-64:/home/vagrant$ sudo su user2
[sudo] password for user6:
user6 is not in the sudoers file. This incident will be reported.
user6@vagrant-ubuntu-trusty-64:/home/vagrant$ su
Password:
su: Authentication failure
user6@vagrant-ubuntu-trusty-64:/home/vagrant$ su
Password:
su: Authentication failure
user6@vagrant-ubuntu-trusty-64:/home/vagrant$ exit
exit
vagrant@vagrant-ubuntu-trusty-64:~$ sudo su user2
user2@vagrant-ubuntu-trusty-64:/home/vagrant$ cat second.txt
cat: second.txt: Permission denied
user2@vagrant-ubuntu-trusty-64:/home/vagrant$ cat third.txt
cat: third.txt: Permission denied
user2@vagrant-ubuntu-trusty-64:/home/vagrant$ cat first.txt
user2@vagrant-ubuntu-trusty-64:/home/vagrant$
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