

```
root@vmub-hadoop1: /home/user
user@vmub-hadoop1:~$ sudo su
root@vmub-hadoop1:/home/user# sudo apt-get update
Ign http://security.ubuntu.com trusty-security InRelease
Ign http://in.archive.ubuntu.com trusty InRelease
Ign http://security.ubuntu.com trusty-security Release.gpg
Ign http://in.archive.ubuntu.com trusty-updates InRelease
Ign http://security.ubuntu.com trusty-security Release
Ign http://in.archive.ubuntu.com trusty-backports InRelease
Ign http://security.ubuntu.com trusty-security/main Sources/DiffIndex
Ign http://in.archive.ubuntu.com trusty Release.gpg
Ign http://security.ubuntu.com trusty-security/restricted Sources/DiffIndex
Ign http://in.archive.ubuntu.com trusty-updates Release.gpg
Ign http://security.ubuntu.com trusty-security/universe Sources/DiffIndex
Ign http://in.archive.ubuntu.com trusty-backports Release.gpg
Ign http://security.ubuntu.com trusty-security/multiverse Sources/DiffIndex
Ign http://in.archive.ubuntu.com trusty Release
Ign http://security.ubuntu.com trusty-security/main amd64 Packages/DiffIndex
Ign http://in.archive.ubuntu.com trusty-updates Release
Ign http://security.ubuntu.com trusty-security/restricted amd64 Packages/DiffIndex
Ign http://in.archive.ubuntu.com trusty-backports Release
Ign http://security.ubuntu.com trusty-security/universe amd64 Packages/DiffIndex
Ign http://in.archive.ubuntu.com trusty/main Sources/DiffIndex
Ign http://security.ubuntu.com trusty-security/multiverse amd64 Packages/DiffIndex
```



You have successfull... x
https://192.168.0.152:8090/httpclient.html

Firefox prevented this site from opening 2 pop-up windows.

You ha

user@vmub-hadoop1: ~

```
-G, --groups GROUPS      list of supplementary groups of the new
                           account
-h, --help                display this help message and exit
-k, --skel SKEL_DIR       use this alternative skeleton directory
-K, --key KEY=VALUE       override /etc/login.defs defaults
-l, --no-log-init          do not add the user to the lastlog and
                           faillog databases
-m, --create-home         create the user's home directory
-M, --no-create-home      do not create the user's home directory
-N, --no-user-group        do not create a group with the same name as
                           the user
-o, --non-unique           allow to create users with duplicate
                           (non-unique) UID
-p, --password PASSWORD   encrypted password of the new account
-r, --system              create a system account
-R, --root CHROOT_DIR     directory to chroot into
-s, --shell SHELL         login shell of the new account
-u, --uid UID             user ID of the new account
-U, --user-group           create a group with the same name as the user
-Z, --selinux-user SEUSER use a specific SEUSER for the SELinux user mappi
```

user@vmub-hadoop1:~\$ sudo useradd -s /bin/bash -d /opt/stack -m stack

If yo

user@vmub-hadoop1:~\$

Logout

[Click here for User My Account](#)

Please DON'T CLOSE THE CAPTIVE PORTAL PAGE when you access websites



You have successfully... x

https://192.168.0.152:8090/httpclient.html

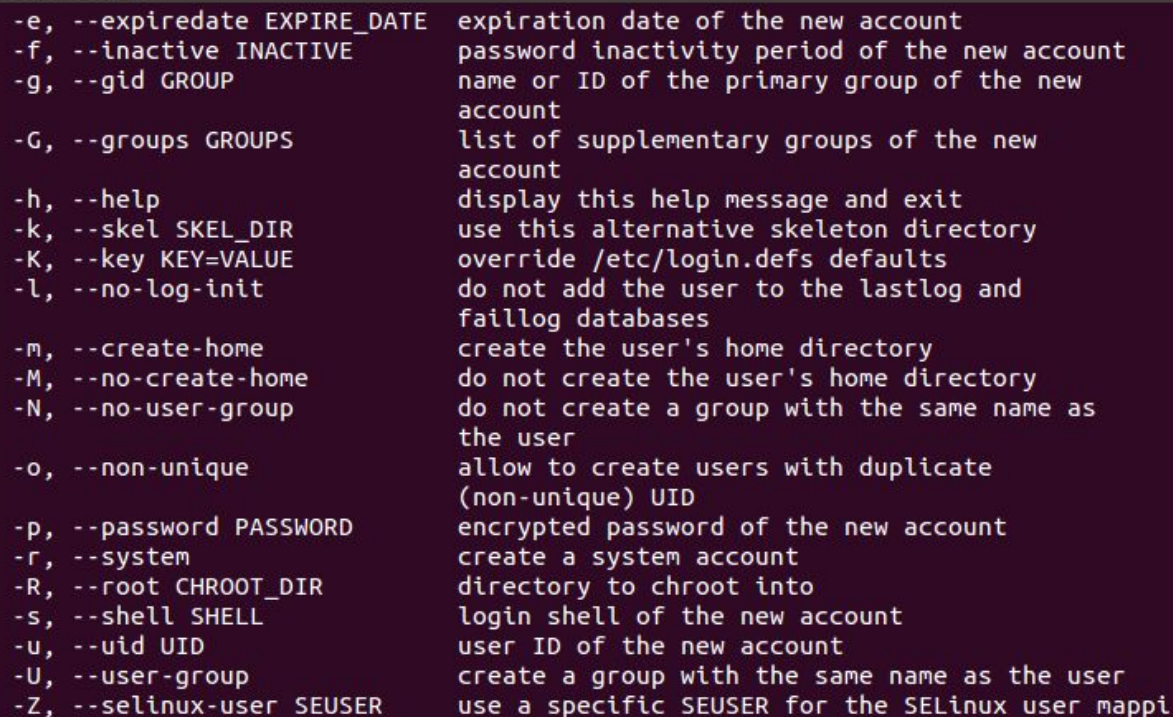
Firefox prevented this site from opening 2 pop-up window

```
user@vmub-hadoop1: ~  
-M, --no-create-home    do not create the user's home directory  
-N, --no-user-group      do not create a group with the same name as  
                          the user  
-o, --non-unique         allow to create users with duplicate  
                          (non-unique) UID  
-p, --password PASSWORD  encrypted password of the new account  
-r, --system             create a system account  
-R, --root CHROOT_DIR    directory to chroot into  
-s, --shell SHELL        login shell of the new account  
-u, --uid UID            user ID of the new account  
-U, --user-group          create a group with the same name as the user  
-Z, --selinux-user SEUSER use a specific SEUSER for the SELinux user mapping  
ng  
  
user@vmub-hadoop1:~$ sudo useradd -s /bin/bash -d /opt/stack -m stack  
user@vmub-hadoop1:~$ exho "stack ALL=(ALL) NOPASSWD: ALL" | sudo tee /etc/sudoers.d/stack  
s.d/stack  
No command 'exho' found, did you mean:  
  Command 'echo' from package 'coreutils' (main)  
exho: command not found  
user@vmub-hadoop1:~$ echo "stack ALL=(ALL) NOPASSWD: ALL" | sudo tee /etc/sudoers.d/stack  
s.d/stack  
stack ALL=(ALL) NOPASSWD: ALL  
user@vmub-hadoop1:~$
```

Logout

[Click here for User My Account](#)


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The terminal window displays the useradd command options and a series of commands to set up a user named stack. The options are listed in two columns, with the first column containing the option and the second column containing the description. The commands are executed in a sequence, with the output of each command shown below the command line.

| Option | Description |
|------------------------------|--|
| -e, --expiredate EXPIRE_DATE | expiration date of the new account |
| -f, --inactive INACTIVE | password inactivity period of the new account |
| -g, --gid GROUP | name or ID of the primary group of the new account |
| -G, --groups GROUPS | list of supplementary groups of the new account |
| -h, --help | display this help message and exit |
| -k, --skel SKEL_DIR | use this alternative skeleton directory |
| -K, --key KEY=VALUE | override /etc/login.defs defaults |
| -l, --no-log-init | do not add the user to the lastlog and faillog databases |
| -m, --create-home | create the user's home directory |
| -M, --no-create-home | do not create the user's home directory |
| -N, --no-user-group | do not create a group with the same name as the user |
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| -R, --root CHROOT_DIR | directory to chroot into |
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```
ng
user@vmub-hadoop1:~$ sudo useradd -s /bin/bash -d /opt/stack -m stack
user@vmub-hadoop1:~$ exho "stack ALL=(ALL) NOPASSWD: ALL" | sudo tee /etc/sudoers.d/stack
No command 'exho' found, did you mean:
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exho: command not found
user@vmub-hadoop1:~$ echo "stack ALL=(ALL) NOPASSWD: ALL" | sudo tee /etc/sudoers.d/stack
stack ALL=(ALL) NOPASSWD: ALL
user@vmub-hadoop1:~$ sudo su -stack
Cannot execute tack: No such file or directory
user@vmub-hadoop1:~$ sudo su - stack
stack@vmub-hadoop1:~$ git clone https://github.com/openstack-dev/devstack
Cloning into 'devstack'...
```

| | |
|---------------------------|--|
| -k, --skel SKEL_DIR | use this alternative skeleton directory |
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Cloning into 'devstack'...

remote: Enumerating objects: 49364, done.

remote: Counting objects: 100% (2590/2590), done.

remote: Compressing objects: 100% (875/875), done.

remote: Total 49364 (delta 1853), reused 2232 (delta 1703), pack-reused 46774

Receiving objects: 100% (49364/49364), 15.57 MiB | 313.00 KiB/s, done.

Resolving deltas: 100% (34484/34484), done.

Checking connectivity... done.

stack@vmub-hadoop1:~\$

-N, --no-user-group do not create a group with the same name as the user

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stack@vmub-hadoop1:~\$ cd devstack

stack@vmub-hadoop1:~/devstack\$ ls

| | | | | | | | | |
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| data | files | FUTURE.rst | inc | Makefile | README.rst | samples | tests | unstack.sh |

stack@vmub-hadoop1:~/devstack\$ cd samples

stack@vmub-hadoop1:~/devstack/samples\$

-s, --shell SHELL login shell of the new account
-u, --uid UID user ID of the new account
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ng

user@vmub-hadoop1:~\$ sudo useradd -s /bin/bash -d /opt/stack -m stack

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user@vmub-hadoop1:~\$ echo "stack ALL=(ALL) NOPASSWD: ALL" | sudo tee /etc/sudoers.d/stack

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stack@vmub-hadoop1:~/devstack\$ ls

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| data | files | FUTURE.rst | inc | Makefile | README.rst | samples | tests | unstack.sh |

stack@vmub-hadoop1:~/devstack\$ cd samples

stack@vmub-hadoop1:~/devstack/samples\$ ls

local.conf local.sh

stack@vmub-hadoop1:~/devstack/samples\$ cp local.config ../

cp: cannot stat 'local.config': No such file or directory

stack@vmub-hadoop1:~/devstack/samples\$ cp local.conf ../

cp: cannot stat 'local.conf': No such file or directory

stack@vmub-hadoop1:~/devstack/samples\$ cp local.conf ../

stack@vmub-hadoop1:~/devstack/samples\$

Minimal Contents

While ``stack.sh`` is happy to run without ``localrc``, devlife is better when
there are a few minimal variables set:

If the ``*_PASSWORD`` variables are not set here you will be prompted to enter
values for them by ``stack.sh`` and they will be added to ``local.conf``.

ADMIN_PASSWORD=p1
DATABASE_PASSWORD=p1
RABBIT_PASSWORD=p1
SERVICE_PASSWORD=p1

``HOST_IP`` and ``HOST_IPV6`` should be set manually for best results if
the NIC configuration of the host is unusual, i.e. ``eth1`` has the default
route but ``eth0`` is the public interface. They are auto-detected in
``stack.sh`` but often is indeterminate on later runs due to the IP moving
from an Ethernet interface to a bridge on the host. Setting it here also
makes it available for ``openrc`` to include when setting ``OS_AUTH_URL``.
Neither is set by default.

HOST_IP=10.0.2.4
FLOATING_RANGE=10.0.2.224/27
#HOST_IPV6=2001:db8::7

Logging

By default ``stack.sh`` output only goes to the terminal where it runs. It can
be configured to additionally log to a file by setting ``LOGFILE`` to the full
path of the destination log file. A timestamp will be appended to the given name.
LOGFILE=\$DEST/logs/stack.sh.log

Old log files are automatically removed after 2 days to keep things neat. Change
the number of days by setting ``LOGDAYS``.
LOGDAYS=2

^G Get Help
^X Exit

^O WriteOut
^J Justify

^R Read File
^W Where Is

^Y Prev Page
^V Next Page

^K Cut Text
^U UnCut Text

^C Cur Pos
^T To Spell

GNU nano 2.2.6

File: local.conf

```
# Sample ``local.conf`` for user-configurable variables in ``stack.sh``

# NOTE: Copy this file to the root DevStack directory for it to work properly.

# ``local.conf`` is a user-maintained settings file that is sourced from ``stackrc``.
# This gives it the ability to override any variables set in ``stackrc``.
# Also, most of the settings in ``stack.sh`` are written to only be set if no
# value has already been set; this lets ``local.conf`` effectively override the
# default values.

# This is a collection of some of the settings we have found to be useful
# in our DevStack development environments. Additional settings are described
# in https://docs.openstack.org/devstack/latest/configuration.html#local-conf
# These should be considered as samples and are unsupported DevStack code.

# The ``localrc`` section replaces the old ``localrc`` configuration file.
# Note that if ``localrc`` is present it will be used in favor of this section.
[[local|localrc]]

# Minimal Contents
# -----

# While ``stack.sh`` is happy to run without ``localrc``, devlife is better when
# there are a few minimal variables set:

# If the ``*_PASSWORD`` variables are not set here you will be prompted to enter
# values for them by ``stack.sh`` and they will be added to ``local.conf``.
ADMIN_PASSWORD=p1
DATABASE_PASSWORD=p1
RABBIT_PASSWORD=p1
SERVICE_PASSWORD=p1

# ``HOST_IP`` and ``HOST_IPV6`` should be set manually for best results if
# the NIC configuration of the host is unusual, i.e. ``eth1`` has the default
# route but ``eth0`` is the public interface. They are auto-detected in
# ``stack.sh`` but often is indeterminate on later runs due to the IP moving
```

^G Get Help
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^R Read File
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^Y Prev Page
^V Next Page

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^U UnCut Text

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^T To Spell

```
user@vmub-hadoop1:~$ sudo su - stack
stack@vmub-hadoop1:~$ git clone https://github.com/openstack-dev/devstack
Cloning into 'devstack'...
remote: Enumerating objects: 49364, done.
remote: Counting objects: 100% (2590/2590), done.
remote: Compressing objects: 100% (875/875), done.
remote: Total 49364 (delta 1853), reused 2232 (delta 1703), pack-reused 46774
Receiving objects: 100% (49364/49364), 15.57 MiB | 313.00 KiB/s, done.
Resolving deltas: 100% (34484/34484), done.
Checking connectivity... done.
```

```
stack@vmub-hadoop1:~$ cd devstack
```

```
stack@vmub-hadoop1:~/devstack$ ls
```

| | | | | | | | | |
|------------------|----------|------------------|-------------|----------|------------|--------------|----------|------------|
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| CONTRIBUTING.rst | extras.d | functions-common | HACKING.rst | LICENSE | playbooks | run_tests.sh | stack.sh | tox.ini |
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```
stack@vmub-hadoop1:~/devstack$ cd samples
```

```
stack@vmub-hadoop1:~/devstack/samples$ ls
```

```
local.conf  local.sh
```

```
stack@vmub-hadoop1:~/devstack/samples$ cp local.config ../
```

```
cp: cannot stat 'local.config': No such file or directory
```

```
stack@vmub-hadoop1:~/devstack/samples$ cp local.conf ../
```

```
cp: cannot stat 'local.conf': No such file or directory
```

```
stack@vmub-hadoop1:~/devstack/samples$ cp local.conf ../
```

```
stack@vmub-hadoop1:~/devstack/samples$ cd ..
```

```
stack@vmub-hadoop1:~/devstack$ ls
```

| | | | | | | | | | |
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| data | files | FUTURE.rst | inc | local.conf | playbooks | run_tests.sh | stack.sh | tox.ini | |

```
stack@vmub-hadoop1:~/devstack$ nano local.conf
```

```
Use "fg" to return to nano.
```

```
[1]+ Stopped nano local.conf
```

```
stack@vmub-hadoop1:~/devstack$ nano local.conf
```

```
stack@vmub-hadoop1:~/devstack$ sudo rm /var/lib/dpkg/lock
```

```
stack@vmub-hadoop1:~/devstack$ sudo rm /var/lib/apt/lists/lock
```

```
stack@vmub-hadoop1:~/devstack$ sudo rm /var/cache/apt/archives/lock
```

```
stack@vmub-hadoop1:~/devstack$ sudo rm -rf /var/lib/apt/lists/*
```

```
rm: invalid option -- '/'
```

```
Try 'rm --help' for more information.
```

```
stack@vmub-hadoop1:~/devstack$ sudo rm -rf /var/lib/apt/lists/*
```

```
stack@vmub-hadoop1:~/devstack$
```



```
++functions-common:git_clone:605      pwd
+functions-common:git_clone:605      orig_dir=/opt/stack/devstack
+functions-common:git_clone:606      local git_clone_flags=
++functions-common:git_clone:608      trueorfalse False RECLONE
+functions-common:git_clone:608      RECLONE=False
+functions-common:git_clone:609      [[ 0 -gt 0 ]]
+functions-common:git_clone:613      [[ False = \T\r\u\e ]]
+functions-common:git_clone:622      echo master
+functions-common:git_clone:622      egrep -q '^refs'
+functions-common:git_clone:636      [[ ! -d /opt/stack/requirements ]]
+functions-common:git_clone:637      [[ False = \T\r\u\e ]]
+functions-common:git_clone:643      git_timed clone https://opendev.org/openstack/requirements.git /opt/stack/requirements --branch mast
er
+functions-common:git_timed:707      local count=0
+functions-common:git_timed:708      local timeout=0
+functions-common:git_timed:710      [[ -n 0 ]]
+functions-common:git_timed:711      timeout=0
+functions-common:git_timed:714      time_start git_timed
+functions-common:time_start:2408     local name=git_timed
+functions-common:time_start:2409     local start_time=
+functions-common:time_start:2410     [[ -n '' ]]
++functions-common:time_start:2413     date +%s%3N
+functions-common:time_start:2413     _TIME_START[$name]=1667903421351
+functions-common:git_timed:715     timeout -s SIGINT 0 git clone https://opendev.org/openstack/requirements.git /opt/stack/requirements
--branch master
Cloning into '/opt/stack/requirements'...
fatal: unable to access 'https://opendev.org/openstack/requirements.git/': server certificate verification failed. CAfile: /etc/ssl/certs/ca-ce
rtificates.crt CRLfile: none
+functions-common:git_timed:718      [[ 128 -ne 124 ]]
+functions-common:git_timed:719      die 719 'git call failed: [git clone] https://opendev.org/openstack/requirements.git /opt/stack/requ
irements --branch 'master']
+functions-common:die:264           local exitcode=0
[Call Trace]
./stack.sh:765:git_clone
/opt/stack/devstack/functions-common:643:git_timed
/opt/stack/devstack/functions-common:719:die
[ERROR] /opt/stack/devstack/functions-common:719 git call failed: [git clone https://opendev.org/openstack/requirements.git /opt/stack/requirem
ents --branch master]
Error on exit
Error: either "dev" is duplicate, or "bridge" is a garbage.
stack@vmub-hadoop1:~/devstack$
```