

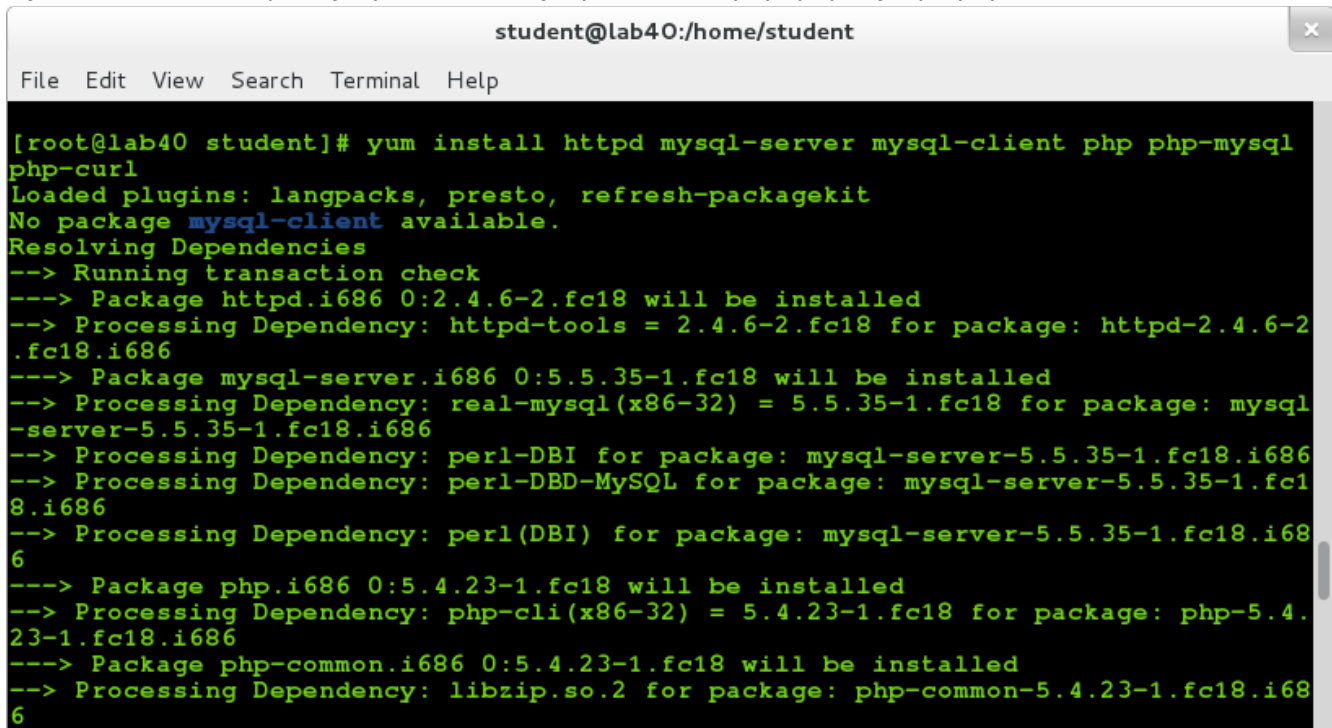
Install Owncloud on Fedora

(downloaded version 8.2.0 from <https://owncloud.org/install/#instructions-server>)

Kristian Adhi/14.K1.0005

1. Install LAMP.

```
# yum install httpd mysql-server mysql-client php php-mysql php-curl
```

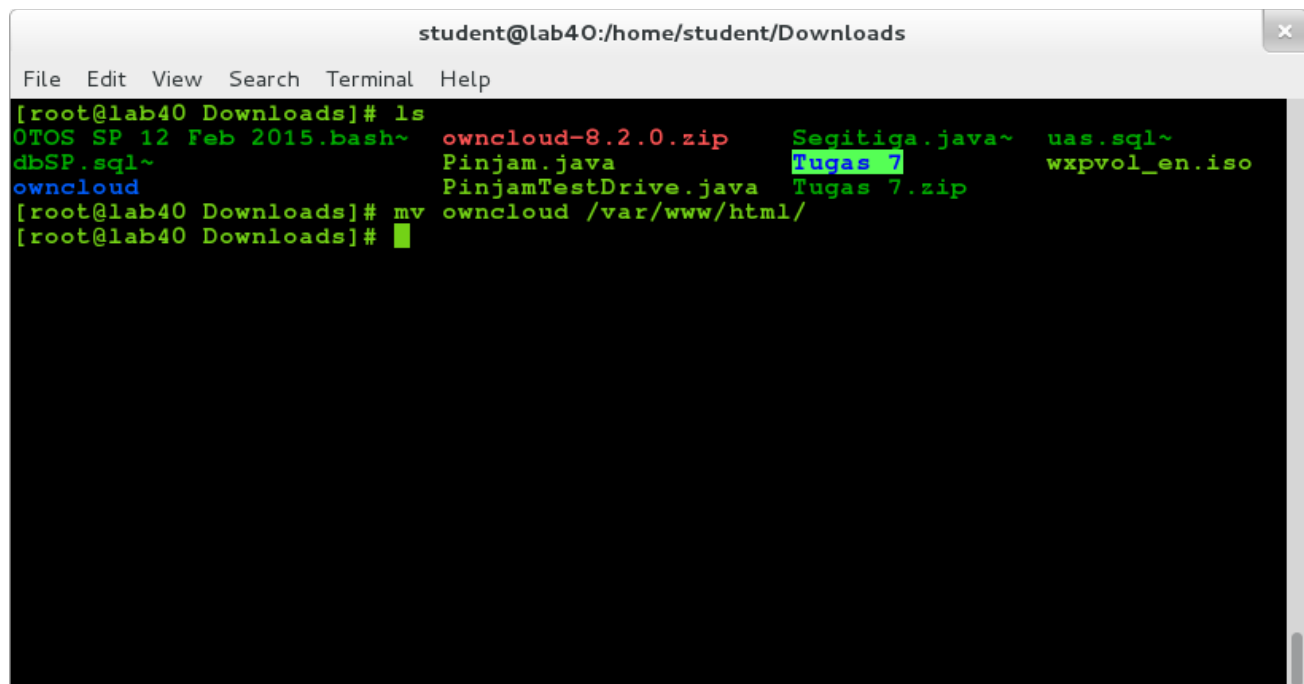


```
student@lab40:/home/student
File Edit View Search Terminal Help

[root@lab40 student]# yum install httpd mysql-server mysql-client php php-mysql
php-curl
Loaded plugins: langpacks, presto, refresh-packagekit
No package mysql-client available.
Resolving Dependencies
--> Running transaction check
--> Package httpd.i686 0:2.4.6-2.fc18 will be installed
--> Processing Dependency: httpd-tools = 2.4.6-2.fc18 for package: httpd-2.4.6-2
.fc18.i686
--> Package mysql-server.i686 0:5.5.35-1.fc18 will be installed
--> Processing Dependency: real-mysql(x86-32) = 5.5.35-1.fc18 for package: mysql
-server-5.5.35-1.fc18.i686
--> Processing Dependency: perl-DBI for package: mysql-server-5.5.35-1.fc18.i686
--> Processing Dependency: perl-DBD-MySQL for package: mysql-server-5.5.35-1.fc1
8.i686
--> Processing Dependency: perl(DBI) for package: mysql-server-5.5.35-1.fc18.i68
6
--> Package php.i686 0:5.4.23-1.fc18 will be installed
--> Processing Dependency: php-cli(x86-32) = 5.4.23-1.fc18 for package: php-5.4.
23-1.fc18.i686
--> Package php-common.i686 0:5.4.23-1.fc18 will be installed
--> Processing Dependency: libzip.so.2 for package: php-common-5.4.23-1.fc18.i68
6
```

2. Extract file owncloud-8.2.0.zip via nautilus. Lalu memindah folder hasil extract ke /var/www/html.

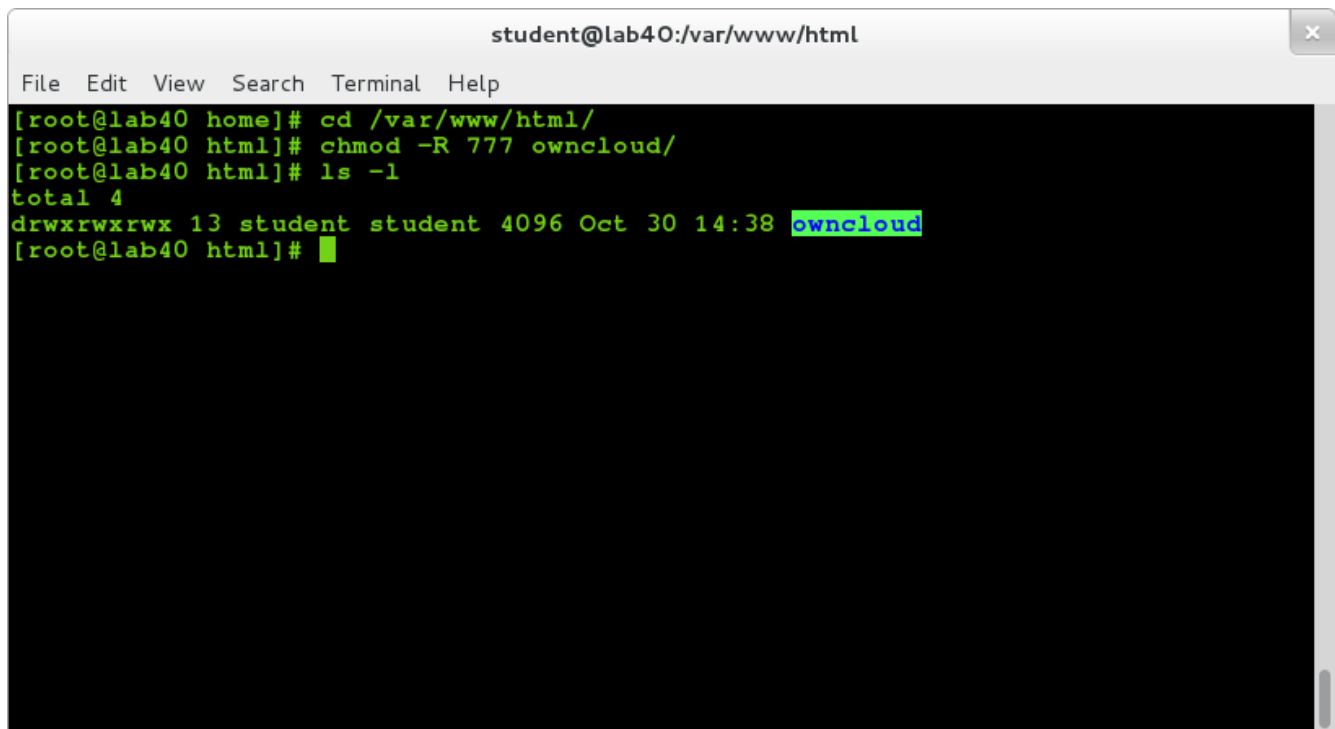
```
# mv owncloud /var/www/html/
```



```
student@lab40:/home/student/Downloads
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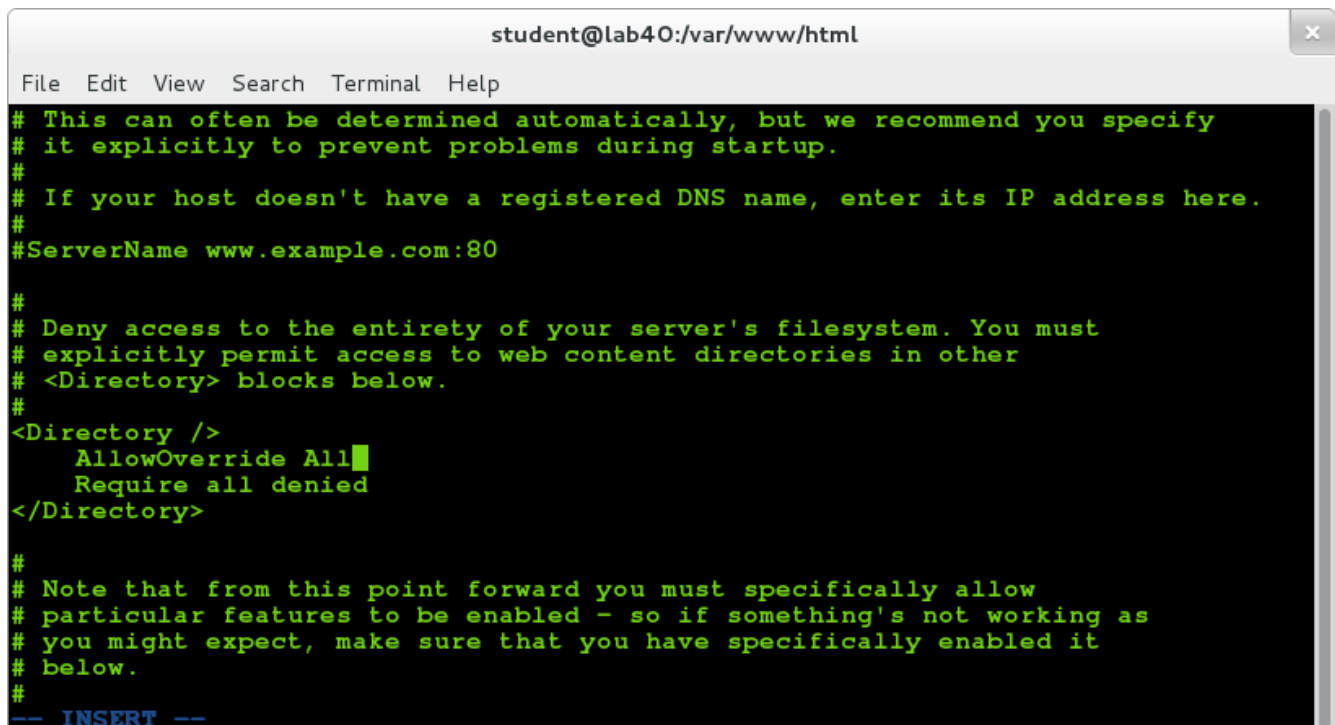
[root@lab40 Downloads]# ls
OTOS SP 12 Feb 2015.bash~  owncloud-8.2.0.zip  Segitiga.java~  uas.sql~
dbSP.sql~                Pinjam.java        Tugas 7         wxpvol_en.iso
owncloud                 PinjamTestDrive.java Tugas 7.zip
[root@lab40 Downloads]# mv owncloud /var/www/html/
[root@lab40 Downloads]#
```

3. Masuk ke direktori /var/www/html dan mengubah permission folder owncloud.  
# chmod -R 777 owncloud/



```
student@lab40:/var/www/html
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[root@lab40 home]# cd /var/www/html/
[root@lab40 html]# chmod -R 777 owncloud/
[root@lab40 html]# ls -l
total 4
drwxrwxrwx 13 student student 4096 Oct 30 14:38 owncloud
[root@lab40 html]#
```

4. # vi /etc/httpd/conf/httpd.conf  
Kemudian mencari “**AllowOverride None**” dan mengganti semuanya dengan “**AllowOverride All**”.  
Save dengan :wq

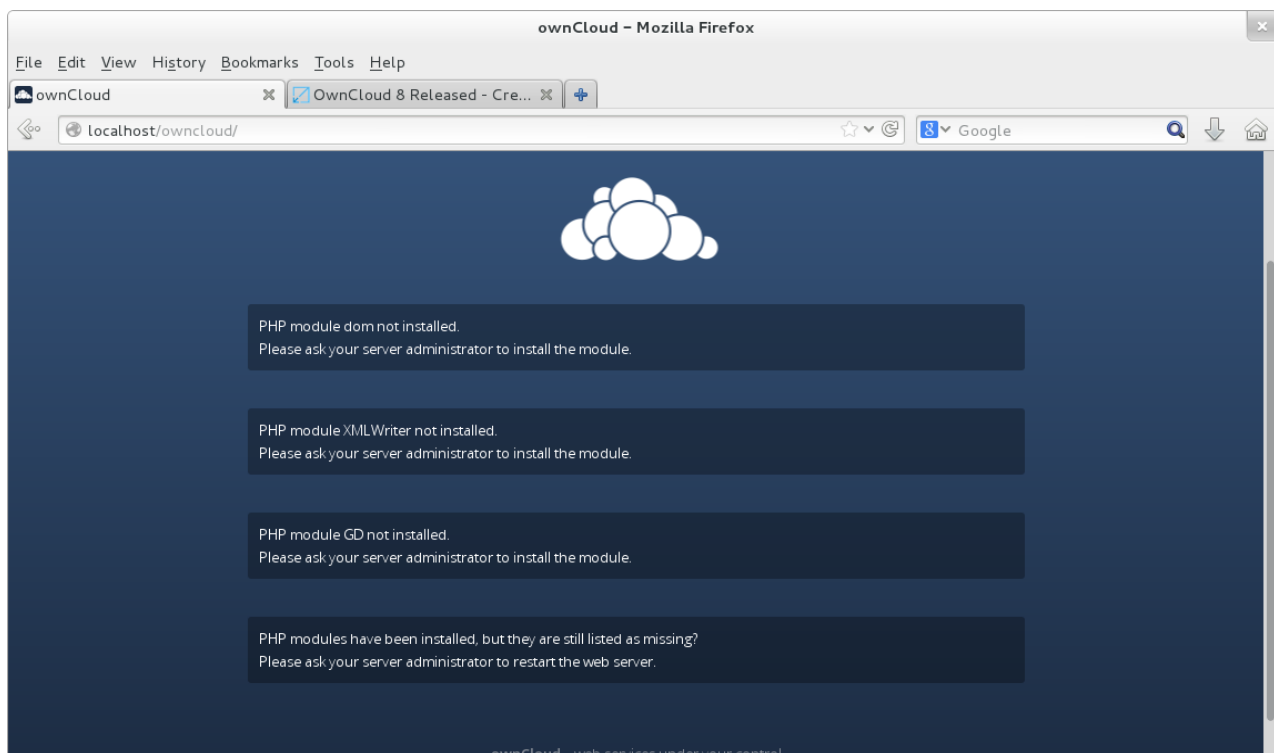


```
student@lab40:/var/www/html
File Edit View Search Terminal Help
# This can often be determined automatically, but we recommend you specify
# it explicitly to prevent problems during startup.
#
# If your host doesn't have a registered DNS name, enter its IP address here.
#
#ServerName www.example.com:80
#
# Deny access to the entirety of your server's filesystem. You must
# explicitly permit access to web content directories in other
# <Directory> blocks below.
#
<Directory />
    AllowOverride All
    Require all denied
</Directory>
#
# Note that from this point forward you must specifically allow
# particular features to be enabled - so if something's not working as
# you might expect, make sure that you have specifically enabled it
# below.
-- INSERT --
```

5.Restart Apache. Jika masih error, perlu restart PC.  
# service httpd restart

```
root@lab40:/home/student
File Edit View Search Terminal Help
[student@lab40 ~]$ sudo su
[sudo] password for student:
[root@lab40 student]# service httpd restart
Redirecting to /bin/systemctl restart httpd.service
[root@lab40 student]#
```

6. Akses Owncloud di browser.  
<http://localhost/owncloud>



7. Install PHP DOM Extension.

```
# yum install php-xml
```

lalu restart Apache.

```
# service httpd restart
```

```
root@lab40:/home/student
File Edit View Search Terminal Help

[root@lab40 student]# yum install php-xml
Loaded plugins: langpacks, presto, refresh-packagekit
Resolving Dependencies
--> Running transaction check
---> Package php-xml.i686 0:5.4.23-1.fc18 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

=====
Package                Arch          Version           Repository        Size
=====
Installing:
php-xml                 i686          5.4.23-1.fc18     updates           178 k

Transaction Summary
=====
Install 1 Package

Total download size: 178 k
Installed size: 599 k
Is this ok [y/N]: █
```

8. #yum install gd gd-devel php-gd

Lalu restart Apache: # service httpd restart

```
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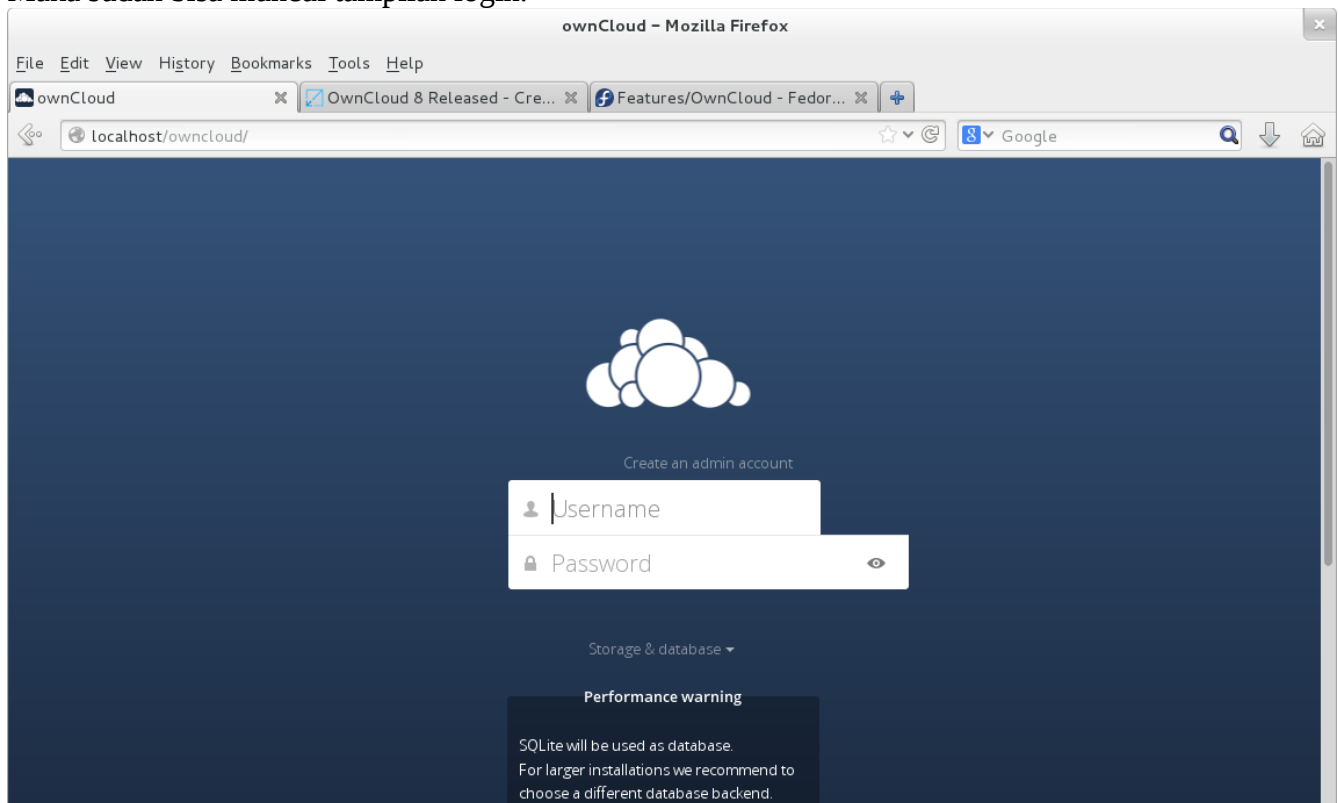
Verifying : gd-devel-2.0.35-18.fc18.i686 9/13
Verifying : t1lib-5.1.2-10.fc18.i686 10/13
Verifying : 2:libpng-devel-1.5.13-1.fc18.i686 11/13
Verifying : fontconfig-devel-2.10.2-2.fc18.i686 12/13
Verifying : libXau-devel-1.0.6-4.fc18.i686 13/13

Installed:
gd-devel.i686 0:2.0.35-18.fc18 php-gd.i686 0:5.4.23-1.fc18

Dependency Installed:
fontconfig-devel.i686 0:2.10.2-2.fc18
freetype-devel.i686 0:2.4.10-5.fc18
libX11-devel.i686 0:1.5.99.901-3.20130524gita3bdd2b09.fc18
libXau-devel.i686 0:1.0.6-4.fc18
libXpm-devel.i686 0:3.5.10-2.fc18
libjpeg-turbo-devel.i686 0:1.2.90-1.fc18
libpng-devel.i686 2:1.5.13-1.fc18
libxcb-devel.i686 0:1.9-3.fc18
t1lib.i686 0:5.1.2-10.fc18
xorg-x11-proto-devel.noarch 0:7.6-24.fc18
zlib-devel.i686 0:1.2.7-9.fc18

Complete!
[root@lab40 student]# █
```

Maka sudah bisa muncul tampilan login.



9.

```
root@lab40:/home/student

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[root@lab40 student]# service mysqld start
Redirecting to /bin/systemctl start mysqld.service
[root@lab40 student]# mysql -u root
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 2
Server version: 5.5.35 MySQL Community Server (GPL)

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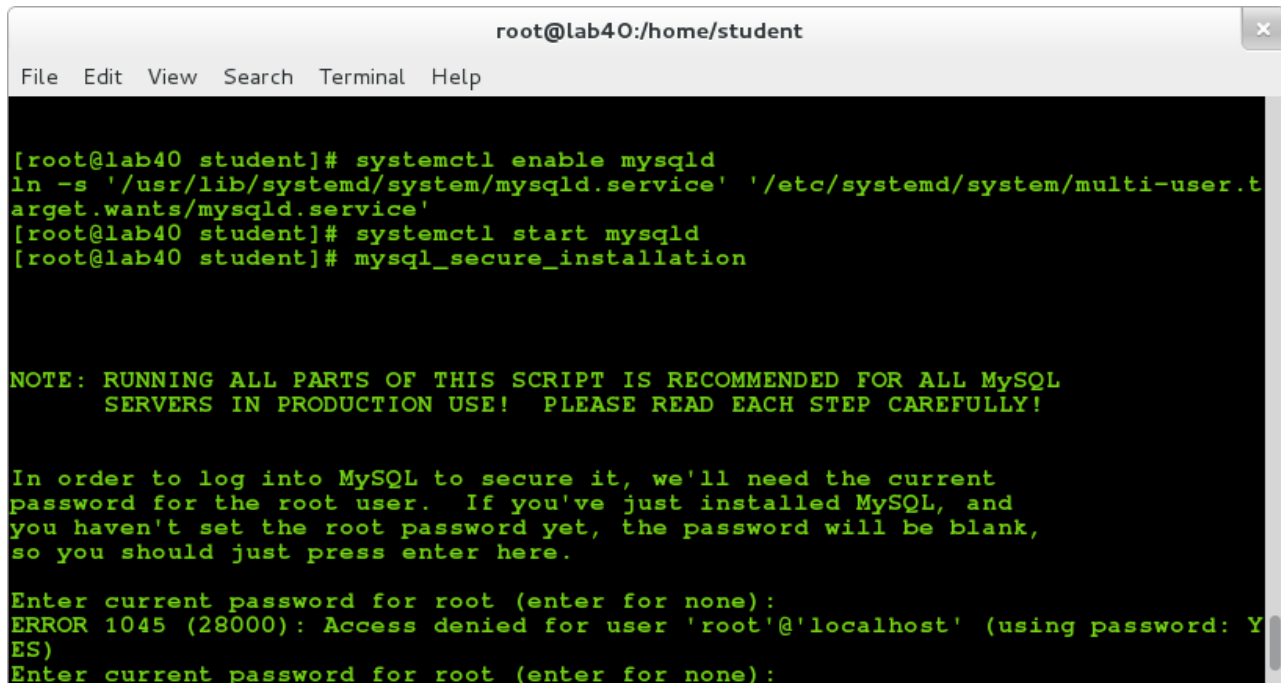
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql> █
```

## 10. Mengaktifkan mysqld

```
# systemctl enable mysqld
```

```
# systemctl start mysqld
```

```
#mysql_secure_installation
```



```
root@lab40:/home/student
File Edit View Search Terminal Help

[root@lab40 student]# systemctl enable mysqld
ln -s '/usr/lib/systemd/system/mysqld.service' '/etc/systemd/system/multi-user.target.wants/mysqld.service'
[root@lab40 student]# systemctl start mysqld
[root@lab40 student]# mysql_secure_installation

NOTE: RUNNING ALL PARTS OF THIS SCRIPT IS RECOMMENDED FOR ALL MySQL
SERVERS IN PRODUCTION USE! PLEASE READ EACH STEP CAREFULLY!

In order to log into MySQL to secure it, we'll need the current
password for the root user. If you've just installed MySQL, and
you haven't set the root password yet, the password will be blank,
so you should just press enter here.

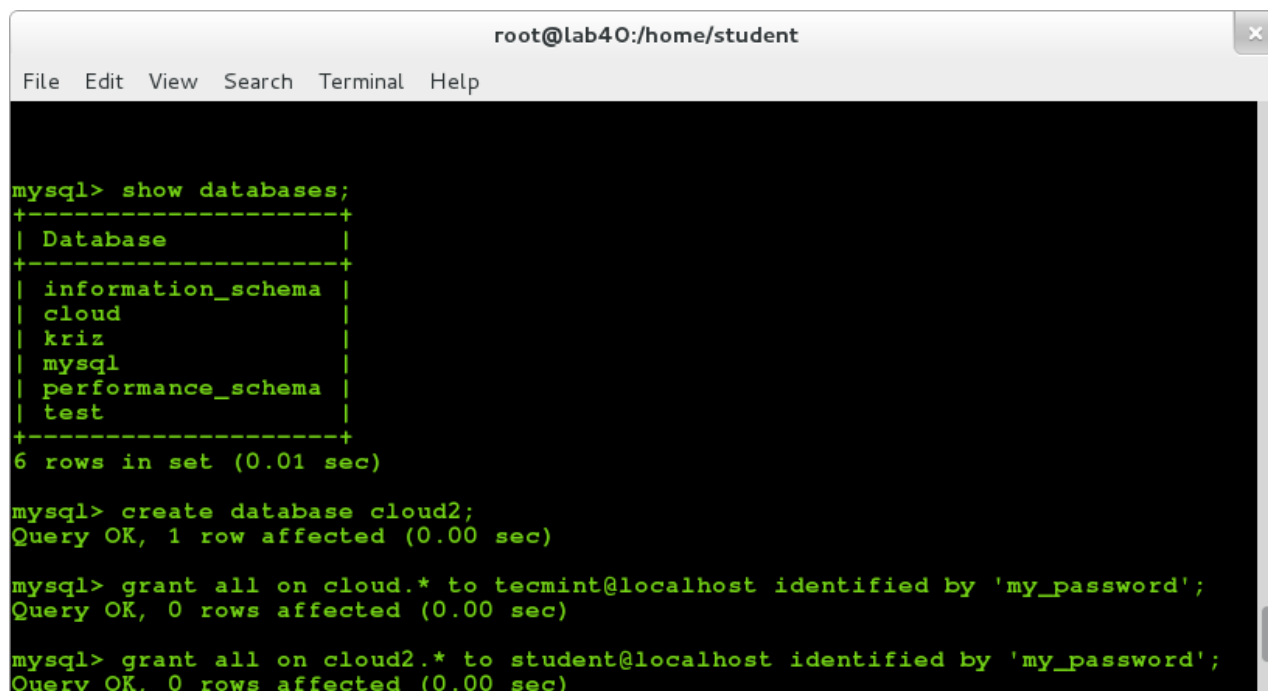
Enter current password for root (enter for none):
ERROR 1045 (28000): Access denied for user 'root'@'localhost' (using password: YES)
Enter current password for root (enter for none):
```

## 11. Membuat database, misalnya 'cloud2'

```
mysql> create database cloud2;
```

Agar database bisa diakses oleh student:

```
mysql> grant all on cloud2.* to student@localhost identified by 'my_password';
```



```
root@lab40:/home/student
File Edit View Search Terminal Help

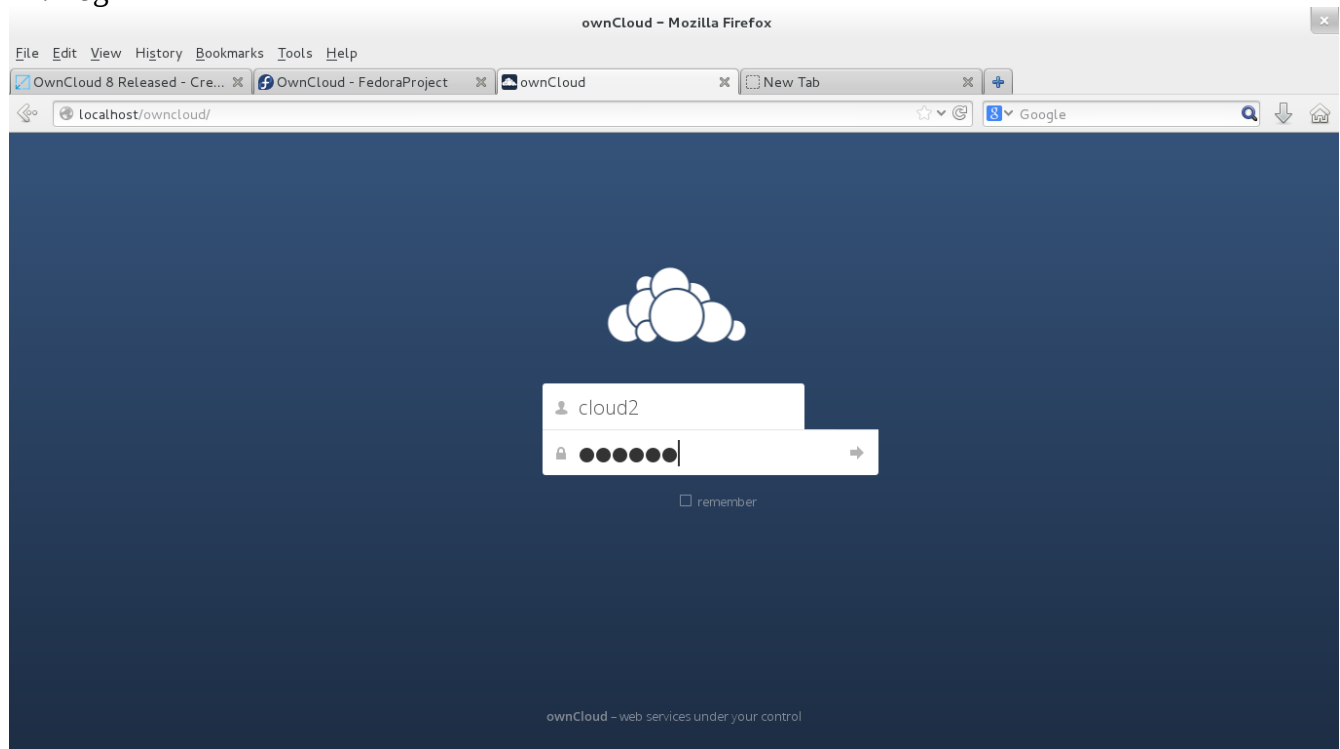
mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| cloud |
| kriz |
| mysql |
| performance_schema |
| test |
+-----+
6 rows in set (0.01 sec)

mysql> create database cloud2;
Query OK, 1 row affected (0.00 sec)

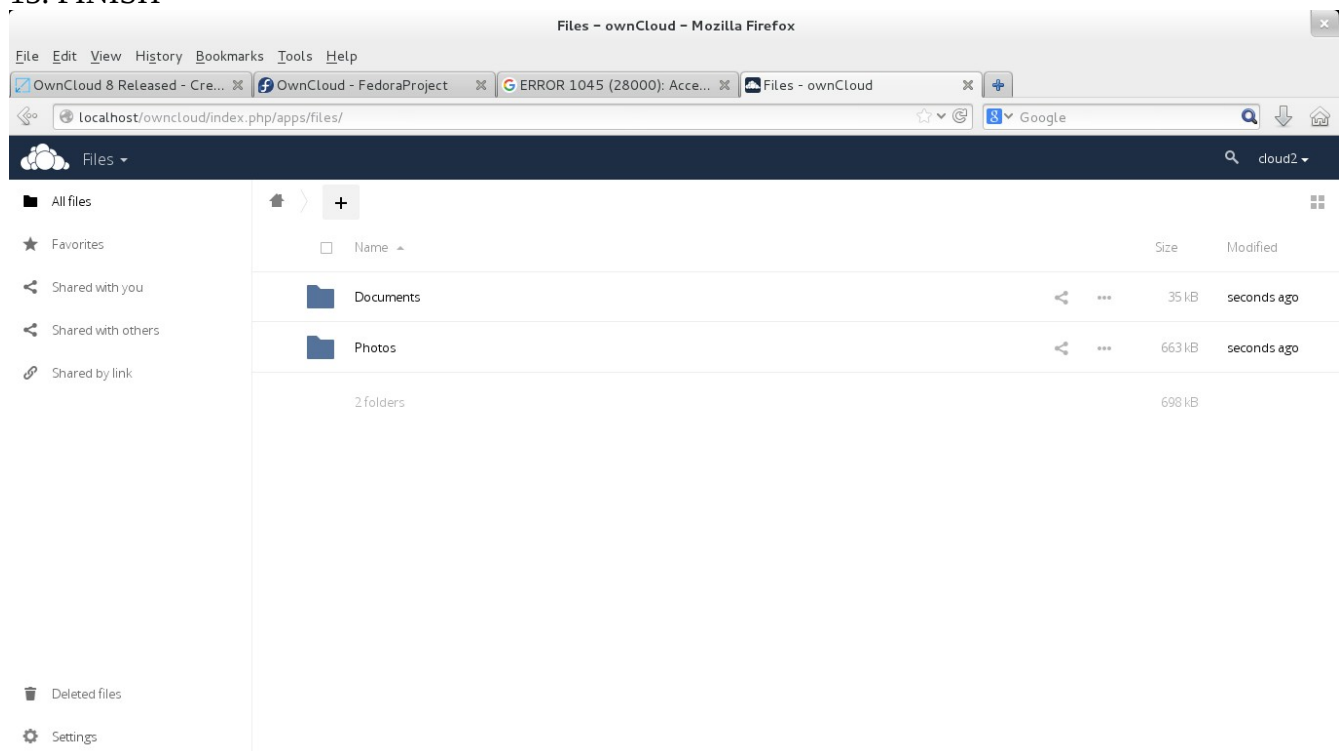
mysql> grant all on cloud.* to tecmint@localhost identified by 'my_password';
Query OK, 0 rows affected (0.00 sec)

mysql> grant all on cloud2.* to student@localhost identified by 'my_password';
Query OK, 0 rows affected (0.00 sec)
```

## 12. Login



## 13. FINISH



<http://www.tecmint.com/install-owncloud-to-create-personal-storage-in-linux/>