

Upgrade OpenEMR 2.8.1 Appliance To 2.8.2

Page Last modified: 10/04/07 01:47:12 AM

[LINK TO MANUAL IN PDF FORMAT](#)

Author: Brady Miller

Email: brady@sparmy.com

Discussion Board: <http://www.oemr.org/modules/newbb/>

Please, back up all of your data, and use these instructions at your own risk.

1. First, upgrade OpenEMR:

1. Download openemr-2.8.2.tar.gz (version 2.8.2) from sourceforge at: http://sourceforge.net/project/showfiles.php?group_id=60081

2. Enter below **bolded** instructions on command line as root user:

```
#log into root
```

```
su
```

```
#Ensure register globals in php is turned off.
```

```
#edit file /etc/php4.ini:
```

```
mcedit /etc/php4.ini
```

```
    #EDIT the following variable:
```

```
    register_globals = off
```

```
TEXT EDITOR SAVE AND EXIT
```

```
#restart httpd
```

```
service httpd restart
```

```
#make backup directories
```

```
mkdir /backupopenemrandfreeb
```

```
mkdir /backupopenemrandfreeb/2_8_1
```

```
#move old OpenEMR 2.8.1 to the backup directory
```

```
mv /var/www/html/openemr
```

```
    /backupopenemrandfreeb/2_8_1/openemr
```

```
#put the new OpenEMR 2.8.2 program in its place
```

```
cd /var/www/html
```

```
tar pxzvf /location/to/tar/openemr-2.8.2.tar.gz  
mv openemr-2.8.2 /var/www/html/openemr
```

```
#secure OpenEMR  
chown -Rf root:root openemr
```

```
#Need to change some file/folder ownerships  
chown apache:apache -R  
    /var/www/html/openemr/interface/main/calendar/mod  
    ules/PostCalendar/pntemplates/cache  
chown apache:apache -R  
    /var/www/html/openemr/interface/main/calendar/mod  
    ules/PostCalendar/pntemplates/compiled  
chown apache:apache -R  
    /var/www/html/openemr/library/freeb
```

```
#Restore the original scanned documents directory  
cp -fr  
    /backupopenemrandfreeb/2_8_1/openemr/documents  
    /var/www/html/openemr/
```

```
#Change file-folder permissions of documents directory  
chown apache:apache -R  
    /var/www/html/openemr/documents
```

```
#Now for the hardest part of the upgrade; editing the new  
config files. There are five files that need to be compared to  
your old config files: openemr/interface/globals.php,  
openemr/library/sqlconf.php, openemr/library/sql-  
ledger.inc, openemr/includes/config.php, and  
openemr/library/acl.inc . The below instructions are  
specific for the openemr 2.8.1 appliance(only the bolded  
files above require changing or copying). If you have made  
your own changes to the config files, then I'd recommend  
comparing them to ensure no other changes are needed.  
We will replace one file with the previous 2.8.1 config file  
and will edit three of the new 2.8.2 config files.
```

```
#replace new /var/www/html/openemr/library/sqlconf.php file  
with the old 2.8.1 file  
cp  
    /backupopenemrandfreeb/2_8_1/openemr/library/sqlc  
    onf.php /var/www/html/openemr/library/sqlconf.php
```

```
#edit file /var/www/html/openemr/interface/globals.php:  
mcedit /var/www/html/openemr/interface/globals.php  
    #edit the following bolded variables :  
    $sl_dbname    = 'openemr'; // sql-ledger database
```

```
        name
        $sl_dbpass = 'sql-ledger-password'; // sql-ledger
        database login password (click link for default
        above password, which is the PostgreSQL
        database password, and should be 'sqlledger' )
TEXT EDITOR SAVE AND EXIT
```

```
#edit file /var/www/html/openemr/includes/config.php:
mcedit /var/www/html/openemr/includes/config.php
#edit the following bolded variables :
$GLOBALS['oer_config']['ws_accounting']['enabled']
= true;
$GLOBALS['oer_config']['ws_accounting']['username']
= "openemr";
$GLOBALS['oer_config']['ws_accounting']['password']
= "openemrpassword"; (click link for default
above password, which is sql-ledger 'openemr'
user password, and should be "openemr")
$GLOBALS['oer_config']['ws_accounting']['url_path']
= "https://" .
$_SERVER["SERVER_NAME"] . "/sql-
ledger/login.pl";
TEXT EDITOR SAVE AND EXIT
```

```
#edit file /var/www/html/openemr/library/acl.inc:
mcedit /var/www/html/openemr/library/acl.inc
#uncomment below line and edit the bolded variable:
$phpgacl_location = "/var/www/html/phpgacl";
TEXT EDITOR SAVE AND EXIT
```

```
#Backup the mysql database into backup directory.
mkdir /backupopenemrandfreeb/2_8_1/mysqldatabase
mysqldump --opt --all-databases | gzip >
    /backupopenemrandfreeb/2_8_1/mysqldatabase/mysql
    _backup.gz
```

```
#Upgrade the mysql database
mysql openemr < /var/www/html/openemr/sql/2_8_1-to-
2_8_2_upgrade.sql
```

```
#OPTIONAL If you want to change to the new "concurrent
frames look"(check out the demos to decide), then you will
need to edit the file
/var/www/html/openemr/interface/globals.php:
mcedit /var/www/html/openemr/interface/globals.php
#edit the below bolded variable :
$GLOBALS['concurrent_layout'] = true;
TEXT EDITOR SAVE AND EXIT
```

2. Second, upgrade FreeB:

1. Download freeb-0.12.tar.gz (version 0.12) from sourceforge:
http://sourceforge.net/project/showfiles.php?group_id=60081

2. Enter below **bolded** instructions on command line as root user:

```
#log into root
```

```
su
```

```
#move old FreeB 0.11 to the backup directory
```

```
mv /usr/share/freeb  
/backupopenemrandfreeb/2_8_1/freeB
```

```
#put the new FreeB 0.12 program in its place
```

```
cd /usr/share  
tar xzvf /location/to/tar/freeb-0.12.tar.gz  
mv freeb-* /usr/share/freeb
```

```
#secure FreeB
```

```
chown root:root -R /usr/share/freeb
```

```
#create a directory that apache can write to
```

```
mkdir /usr/share/freeb/public
```

```
#restore original billing files(if they exist)
```

```
cp -fr /backupopenemrandfreeb/2_8_1/freeb/public  
/usr/share/freeb/
```

```
#Allow apache access to public directory
```

```
chown apache:apache -R /usr/share/freeb/public
```

```
#restart the freeb service
```

```
service freeb stop  
service freeb start
```

YOU ARE DONE