

# Upgrade OpenEMR 3.2.0 Appliance To 4.0.0

Page Last modified: 04/02/11 12:26:20 AM

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Discussion Board: <http://sourceforge.net/projects/openemr/forums>

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## Introduction

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This is a rather easy upgrade since we can use the Ubuntu package to do the upgrade (we will also install a 4.0.0 patch). We will also provide instruction for users that want to upgrade their language translations tables.

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

## Upgrading to OpenEMR 4.0.0

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1. Enter below **bolded** instructions on command line (if prompted to give password during the sudo command, then use 'openemrcool'):

#Download OpenEMR 4.0.0

**wget downloads.sourceforge.net/openemr/openemr\_4.0.0-1\_all.deb**

#Upgrade to OpenEMR 4.0.0

**sudo aptitude update**

**sudo dpkg -i openemr\_4.0.0-1\_all.deb**

-enter 'Y'

*(If there was an error(s), then issue the following command (type 'Y' after):* **sudo apt-get install -f** )

#Note backups of your previous OpenEMR version are stored at /tmp/openemr-tmp/. Ensure these files are secure(move to secure area or remove them), since they contain confidential patient information.

## Secure the New Documents Directory

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2. Enter below **bolded** instructions on command line (if prompted to give password during the sudo command, then use 'openemrcool'):

#edit apache2 config file /etc/apache2/apache2.conf

**sudo jed /etc/apache2/apache2.conf**

#**Modify** below **bolded** entries near end of file:

<Directory "/var/www/openemr/**sites/default**/documents">

order deny,allow

Deny from all

</Directory>

<Directory "/var/www/openemr/**sites/default**/edi">

order deny,allow

Deny from all

</Directory>

<Directory "/var/www/openemr/**sites/default**/era">

order deny,allow

Deny from all

</Directory>

**TEXT EDITOR SAVE AND EXIT**

#restart apache

**sudo /etc/init.d/apache2 restart**

## Install a 4.0.0 Patch

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Will install the first 4.0.0 patch which fixes a very annoying facilities administration bug.

3. Enter below **bolded** instructions on command line (if prompted to give password during the sudo command, then use 'openemrcool'):

```
#Download 4.0.0 patch-1
wget -O 4-0-0-Patch-1.zip
“http://sourceforge.net/tracker/download.php?
group_id=60081&atid=493003&file_id=405913&aid=3259577”

#Ensure the zip package is installed
sudo aptitude update
sudo aptitude install zip
-enter 'Y'
(If there was an error(s), then issue the following command (type 'Y' after): sudo apt-get install -f )

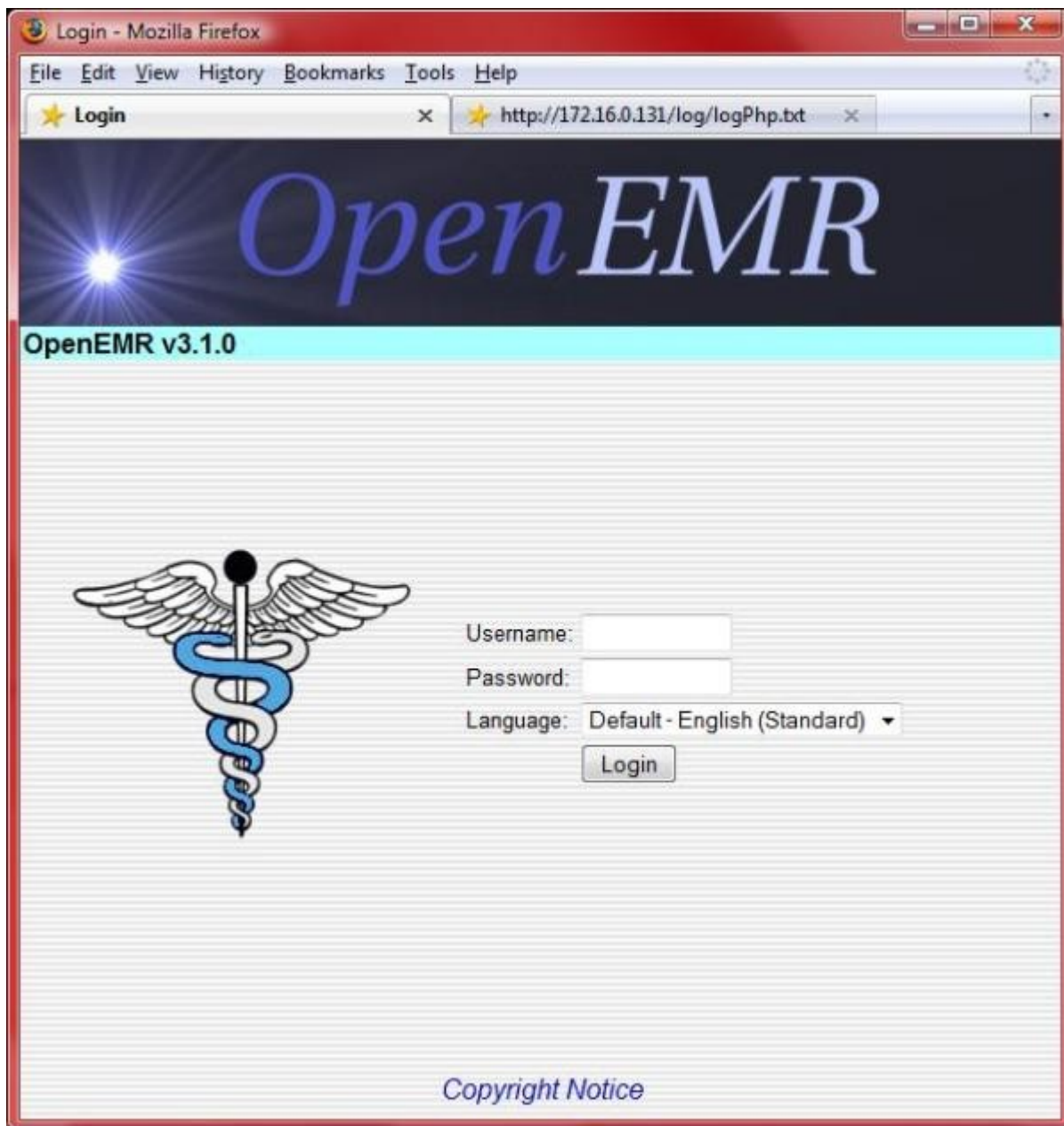
# Install the 4.0.0 patch-1
sudo cp 4-0-0-Patch-1.zip /var/www/openemr
cd /var/www/openemr
sudo unzip 4-0-0-Patch-1.zip
-enter 'A'
sudo rm 4-0-0-Patch-1.zip
```

## Upgrade Language Translation Tables

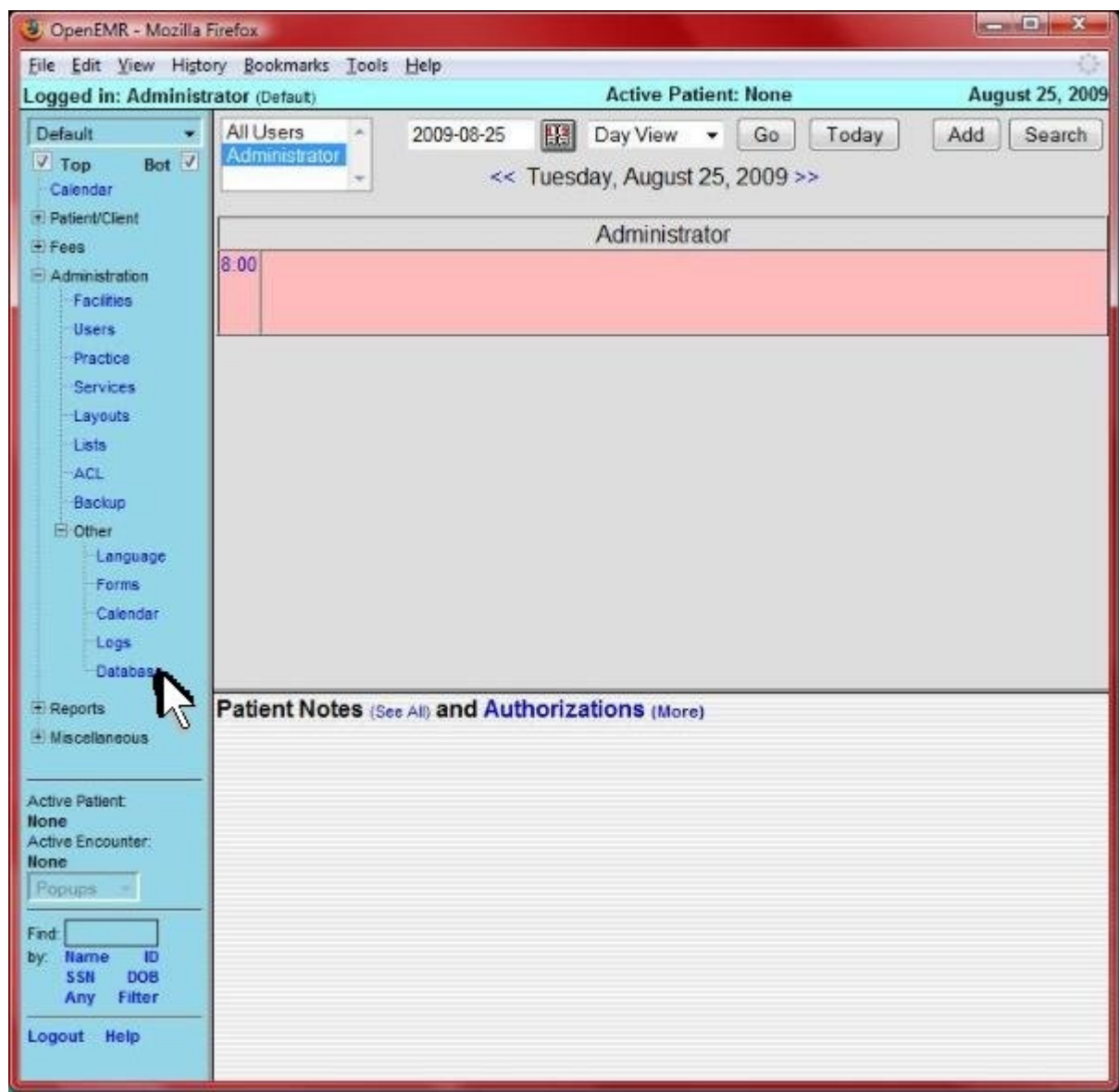
[Main TOC Link](#)

Here we will upgrade to the language translation tables published with OpenEMR 4.0.0 . This is very simple to do. **Note, however, that this will delete all current local language translation tables.**

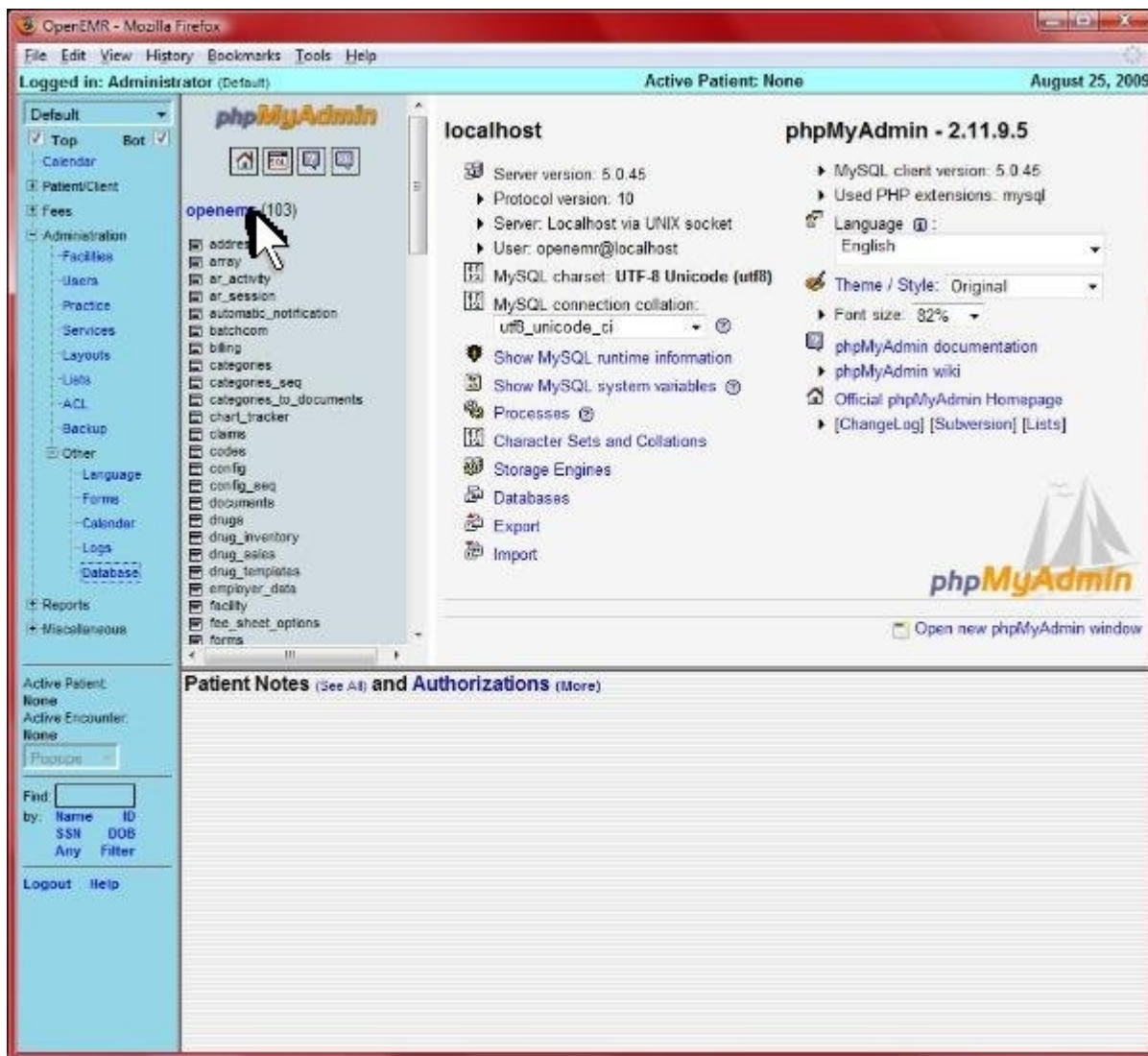
1. Download translation sql tables from sourceforge to desktop (via 'File'->'Save Page as' 'currentLanguage\_utf8.sql'):  
[http://openemr.git.sourceforge.net/git/gitweb.cgi?p=openemr/openemr;a=blob\\_plain;f=contrib/util/language\\_translations/currentLanguage\\_utf8.sql;hb=5bb4c7beab1fe274147df9ccf3b989adcb0ae04b](http://openemr.git.sourceforge.net/git/gitweb.cgi?p=openemr/openemr;a=blob_plain;f=contrib/util/language_translations/currentLanguage_utf8.sql;hb=5bb4c7beab1fe274147df9ccf3b989adcb0ae04b)
1. Login to OpenEMR:



Login.



Click 'Administration'-'>'Other'-'>'Database' from left tree menu.



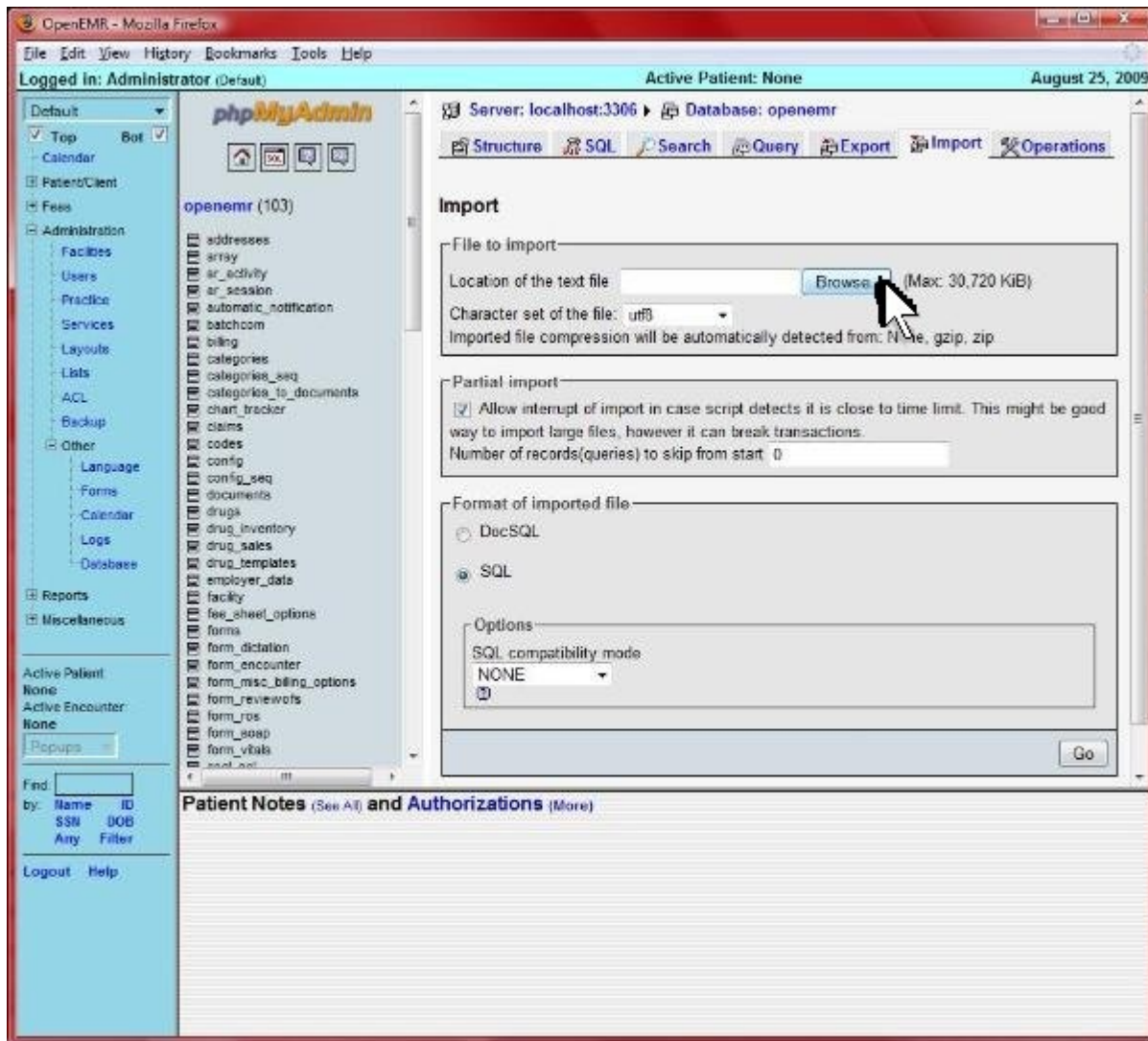
Click 'openemr' database link near top left (highlighted by arrow).

The screenshot shows the OpenEMR web interface in Mozilla Firefox. The browser title is "OpenEMR - Mozilla Firefox". The page header includes "Logged in: Administrator (Default)", "Active Patient: None", and the date "August 25, 2009". The phpMyAdmin interface is displayed, showing the "Server: localhost:3306" and "Database: openemr". The "Structure" tab is active, displaying a table list for the "openemr (103)" database. A black arrow points to the "Import" button in the top right corner of the phpMyAdmin toolbar. Below the table list, there is a section for "Patient Notes (See All) and Authorizations (More)".

Table	Action	Records	Type
addresses		0	MySQL
array		0	MySQL
ar_activity		0	MySQL
ar_session		0	MySQL
automatic_notification		2	InnoDB
batchcom		0	MySQL
billing		0	MySQL
categories		6	MySQL
categories_seq		1	MySQL

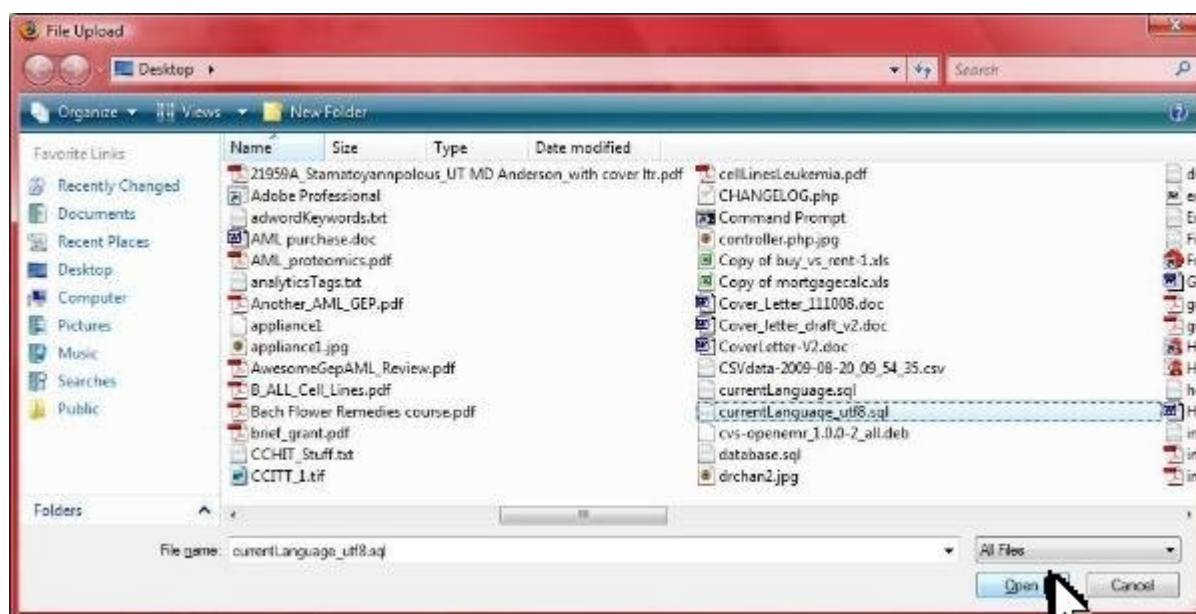
Click 'Import' near top right (highlighted by arrow).



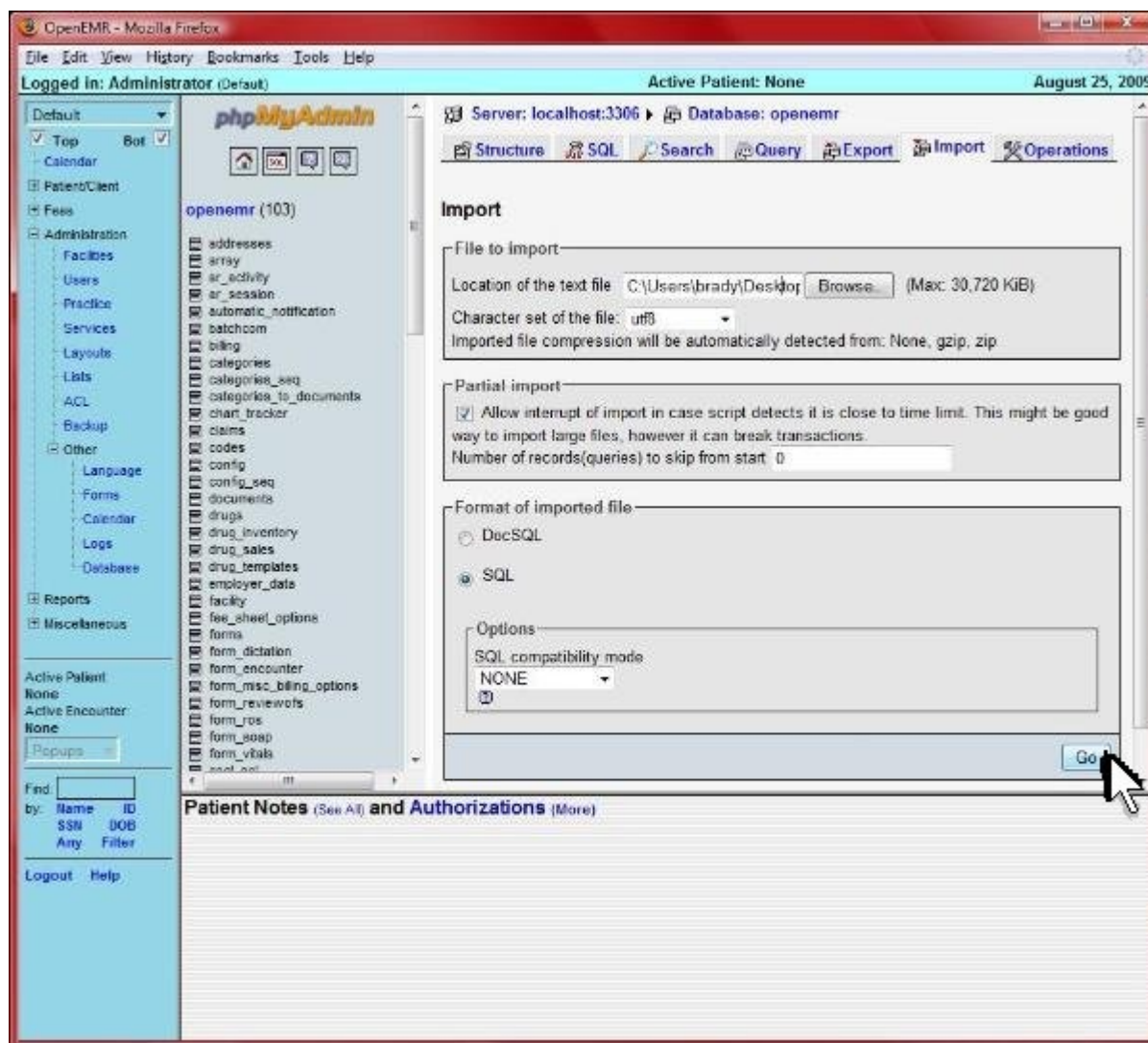


Click 'Browse' (highlighted by arrow).

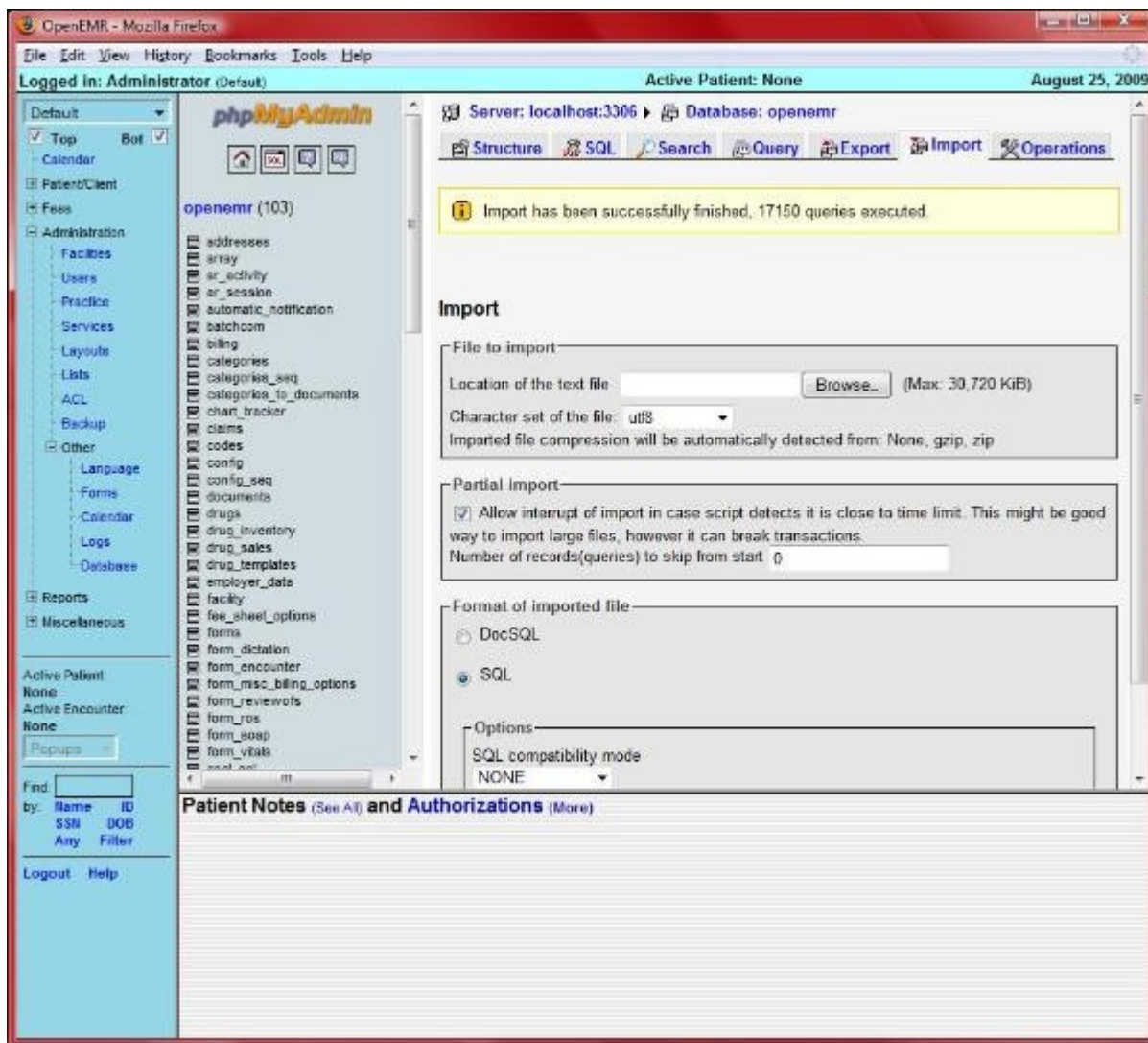




Select the 'currentLanguage\_utf8.sql' file that you downloaded in above first step, and click 'Open'.



Click 'Go' at bottom right (highlighted by arrow). After click, the import can take up to a minute or so.



After import is done, you should see the above yellow banner stating the import has been successfully finished.

**ALL DONE**

## Appendix

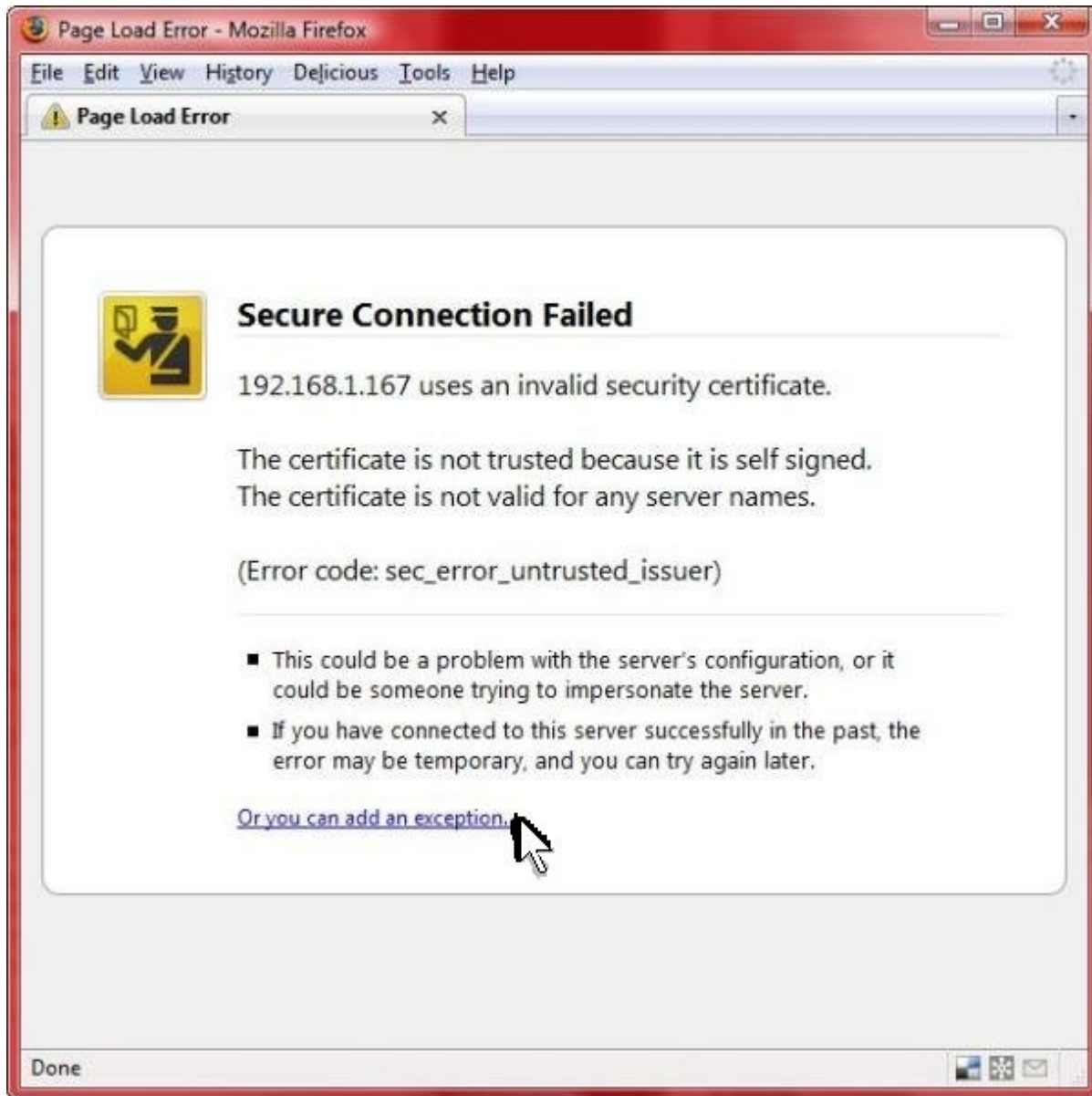
### A. Configuring client web browser for https

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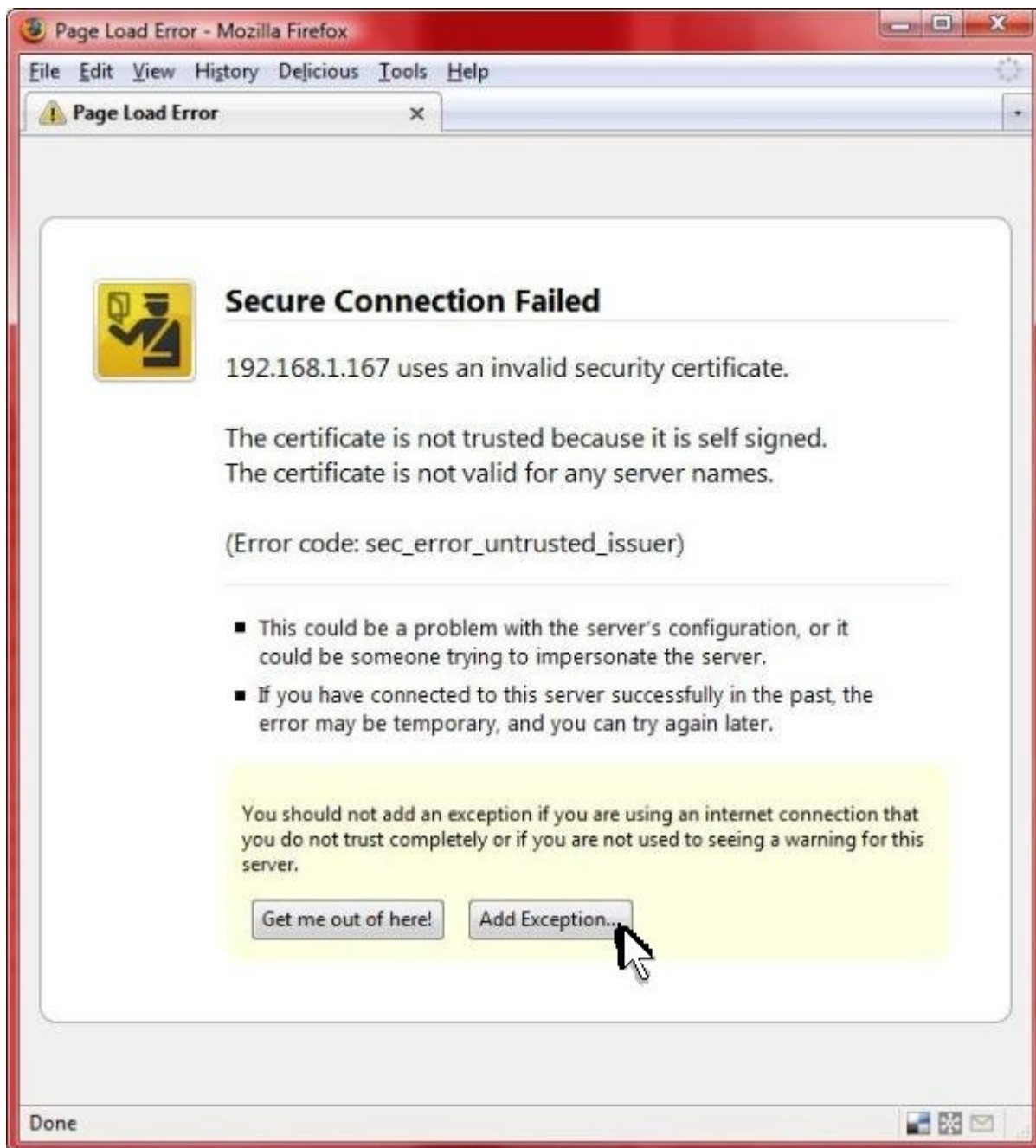
1. For security, this appliance forces users to use https (encrypted) over a web browser. Because we are using a homemade security certificate (real certificates cost money), most new web browsers will give a security error. This can easily be dealt with by following the browser instructions to create an exception. I have posted steps for both

## [Firefox](#) and [Internet Explorer](#).

### 2. Firefox:



Click 'Or you can add an exception...!.



Click the 'Add Exception...' button.



Click the 'Get Certificate' button. (DO NOT edit the 'Location:')





Click 'Confirm Security Exception'. Ensure 'Permanently store this exception' is checked, so you don't have to go through this every time. Also, DO NOT change 'Location:'.

**ALL DONE, go back and continue your previous instructions.**

3. Internet Explorer:





Click 'Continue to this website'.

**ALL DONE, go back and continue your previous instructions.**

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```
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```

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```
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`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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