

Installing PHPMyAdmin on EnGarde Secure Linux HOWTO

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Revision History

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Chapter 1. Introduction

This document outlines how to install and configure PHPMyAdmin on EnGarde Secure Linux 3.0. It assumes that you have already performed the PHP preparatory steps described in the document [PHP Installation for Applications on EnGarde Secure Linux 3.0](http://www.engardelinux.org/doc/howtos/install-php-apps/install-php-apps/index.shtml) (<http://www.engardelinux.org/doc/howtos/install-php-apps/install-php-apps/index.shtml>). You must complete this before proceeding.

Chapter 2. Downloading and Installing the PHPMyAdmin Source Code

All subsequent steps must be performed as the "root" user on the server. SSH onto the server as "root". You should have either the password or the passphrase from section II to do this. To allow PHPMyAdmin to run correctly remember to turn off SELinux.

2.1. Download the source code

As of this writing the latest stable version of PHPMyAdmin is 2.7.0.pl1 Download the source tarball phpMyAdmin-2.7.0-pl1.tar.gz (it can be found at <http://sourceforge.net>) to the temporary directory /var/tmp.

```
# cd /var/tmp
# ls -l
-rw-r--r-- 1 root root 3352193 Dec  8 14:31 phpMyAdmin-2.7.0-pl1.tar.gz
```

2.2. Install the files

Now unpack this tarball and move the files to the proper directory.

```
# cd /home/httpd/SSLSERVER-443/html
# tar zxvf /var/tmp/phpMyAdmin-2.7.0-pl1.tar.gz
# mv phpMyAdmin-2.7.0-pl1 phpMyAdmin
```

The code is now installed.

Chapter 3. Configuring PHPMyAdmin

3.1. Change ownership of the files

When defining a web site in the WebTool you are required to enter a user as the "webmaster" and assign a "group" to the web site. Those identities are needed for the following. When running the following commands replace WEBMASTER with the user that has been defined as the "webmaster" and replace GROUP with the group that was used.

```
# chown -R WEBMASTER.GROUP phpMyAdmin
```

3.2. Create config.php with proper permissions

```
# cd phpMyAdmin  
# cp -p config.sample.php config.inc.php
```

3.3. Edit config.inc.php

There are many options that can be modified in this file. This is the suggested bare minimum change to make. It sets up authentication via HTTP. This will allow logins for users in MySQL (using the user's MySQL password).

```
$cfg['Servers'][$i]['auth_type'] = 'http'
```

3.4. Verify operation

Now access PHPMyAdmin by going to the URL <https://SERVERNAME/phpMyAdmin/> and you should be presented with a PHPMyAdmin login page where the user above can login with the root's MySQL password. Run the chown command one last time.

```
# chown -R WEBMASTER.GROUP phpMyAdmin
```

