

Installing PHP for Applications on EnGarde Secure HOWTO

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Revision History

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Chapter 1. Introduction

This document outlines the steps to take in preparation of installing PHP applications on EnGarde Secure Linux. This assumes that you have installed the Web services during installation which will have included the PHP packages. If not you will have to manually install `php-4.4.1-1`, `mod_php-4.4.1-1`, `php-mysql-4.4.1-1` and `php-imap-4.4.1-1` packages from the EnGarde Secure Linux 3.0 distro.

Chapter 2. Enabling SSH Access to the Server

You will need to have SSH access as the "root" user to the EnGarde server that will be running PHPMyAdmin. Refer to the EnGarde Secure Linux 3.0 Quick Start Guide section "6.5. Setting up Remote Access (<http://www.engardelinux.org/doc/guides/engarde-quick-start-guide-3.0/engarde-quick-start-guide-3.0/webtool-remote-access.shtml>).

Chapter 3. Enabling FTP Access to the Server

You will also probably want FTP access as "root" to the server as well so that you can easily download files. Refer to the EnGarde Secure Linux 3.0 Quick Start Guide section "6.8. Transferring Files with FTP" (<http://www.engardelinux.org/doc/guides/engarde-quick-start-guide-3.0/engarde-quick-start-guide-3.0/webtool-ftp.shtml>).

Chapter 4. Configure a Virtual Host on the Server

You will need to configure a web server with a virtual host for hosting your PHP application. Refer to the EnGarde Secure Linux 3.0 Quick Start Guide section "6.7. Setting up a Web Server" (<http://www.engardelinux.org/doc/guides/engarde-quick-start-guide-3.0/engarde-quick-start-guide-3.0/webtool-web.shtml>) and sub-sections 6.7.1. DNS Setup (<http://www.engardelinux.org/doc/guides/engarde-quick-start-guide-3.0/engarde-quick-start-guide-3.0/webtool-web.shtml#AEN873>) and 6.7.2. Configure a Normal Web Server (<http://www.engardelinux.org/doc/guides/engarde-quick-start-guide-3.0/engarde-quick-start-guide-3.0/webtool-web.shtml#AEN893>) to accomplish this.

Chapter 5. Configure an SSL Virtual Host on the Server

Depending on the type of PHP application you may want to create an SSL virtual host instead of the standard virtual host. In general you should use an SSL virtual host whenever user authentication is involved. Good examples are SquirrelMail and PHPMyAdmin. Follow the procedures in prior chapter substituting the sub-section 6.7.3. Configure a Secure Web Server (<http://www.engardelinux.org/doc/guides/engarde-quick-start-guide-3.0/engarde-quick-start-guide-3.0/webtool-web.shtml#AEN952>) for "6.7.2. Configure a Normal Web Server" for this.

Chapter 6. Conclusion

You have completed the PHP preparation for EnGarde Secure Linux 3.0. You are now ready for the actual PHP application installations of your choice.

