



The PHP Company

# Quick Guide Applying PHP Security Fixes to Zend Core for Oracle (Linux/Unix)

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## Easily Updating PHP Security Fixes

Updating Zend Core for Oracle with the latest security patches and Updates can be done quickly and easily by following a number of simple steps.

Zend Core security updates can be installed either manually using CLI commands, or, if you have a direct internet connection or can connect through a proxy server, automatically using the Zend Updater.

### Manually Updating Zend Core for Oracle

Zend Core for Oracle can be updated manually by downloading the latest Zend Update Packages from the Zend Network Update site, running them on a test environment, and installing them on your production system.



**This procedure describes how to manually update Zend Core:**

1. **Finding Zend Network Updates**  
Check the Zend [Network Update site](http://www.zend.com/en/products/core/updates) for Zend Update Packages at <http://www.zend.com/en/products/core/updates>.
2. **Downloading Update Packages**  
Download the relevant Zend Update Package, depending on your operating system.
3. **Installing Zend Update Packages**  
Install the Zend Update Packages onto your system by following these steps:
  - a) Go to your server's Command Line Interface Environment (CLI).
  - b) Copy the package to your machine.
  - c) Open your core.ini file, by default located in /usr/local/Zend/Core/setup/installer.
  - d) Edit the 'UpdatePackageFile' parameter with the name of the package you downloaded.  
Ensure the 'LocalRepository' parameter contains the path to the location of your Zend Update Package.
  - e) Install the package by running the following command in the /usr/local/Zend/Core/setup directory:

```
zendupater -p
```
  - f) Run sanity tests according to you environment and system.

#### Note:

The recommended process for "Applying PHP Security Fixes" is to first install and trial the PHP Security Fixes on a test environment, run sanity tests and then install on a production environment by following the same steps.

**Note:**

You must be registered for a Zend Support Subscription (Silver, Gold or Platinum) in order to have access to Updates. For more on Zend Support Subscriptions, and to register, see the [Zend Core Support page](http://www.zend.com/en/products/core/support) at <http://www.zend.com/en/products/core/support>.

## Automatically Updating Zend Core for Oracle

Updates can also be automatically downloaded and installed using the Zend Updater if you have a direct internet connection or can connect through a proxy server.

**This procedure describes how to update Zend Core automatically using the Zend Updater GUI :**

1. Open the Zend Updater.  
This is located in /usr/local/Zend/Core/setup/zendupdater.
2. Select 'Update Zend Core'.  
The Update screen will open.
3. Select 'View Available Updates'.  
A list of available Updates will be displayed.
4. Select the Updates that you would like to install and click OK.  
The Updates will be downloaded and installed.
5. If you encounter any problems, Zend Core provides a very simple way of rolling back your environment to its previous state:
  - a) Open the Zend Updater.
  - b) Select 'Update Zend Core'.  
The Zend Core Update Tool will appear.
  - c) Select Rollback.  
A list of previous environment states will be displayed, listed according to the date and time that new Updates were installed.
  - d) Select the environment state before the last Updates were installed and click OK.
  - e) Any Updates installed since the selected version will be deleted.

**Note:**

To download updates through the Zend Updater, you must configure your Zend Support Subscription username and password in Zend Core. This can be done during installation or through the Zend Updater. See the Zend Core for Oracle User Guide for more information.