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### How to Install Ion Cube + Zend on Plesk Windows Server..

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24-08-2008, 05:42

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**eUK-Martin**  
Windows System Administrator

Join Date: Nov 2005  
Location: Earth  
Posts: 450

#### How to Install Ion Cube + Zend on Plesk Windows Server..

Hello,

There are so many people who are confused whether it is possible to have IonCube Loader and Zend Optimizers to be installed on Windows with Plesk Control panel. This tutorial will show you **"How to Install IonCube Loader and Zend Optimizers on a Window server with Plesk Control panel" with Screen shots.**

#### We will first install IonCube Loader:

1. Download MSI installer of IonCube Loader from **HERE** or **HERE** and save it on the server.
2. Run the Setup and Click Next on first screen.
3. Select "Install to this computer"

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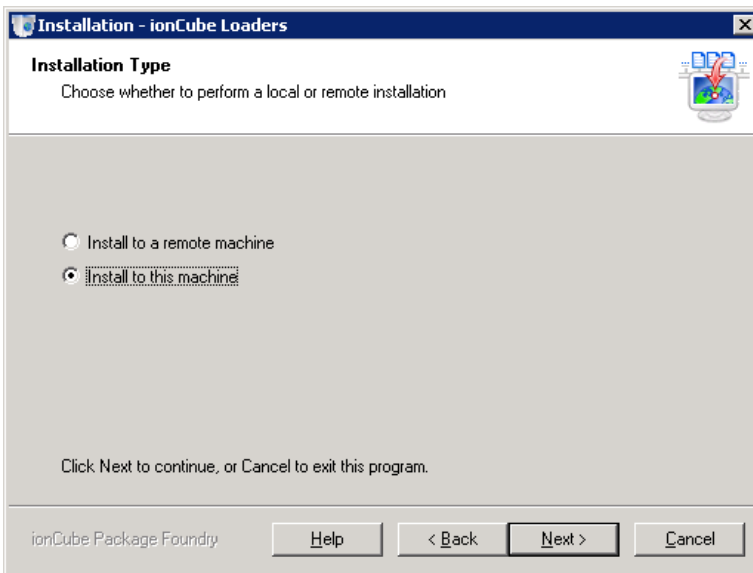
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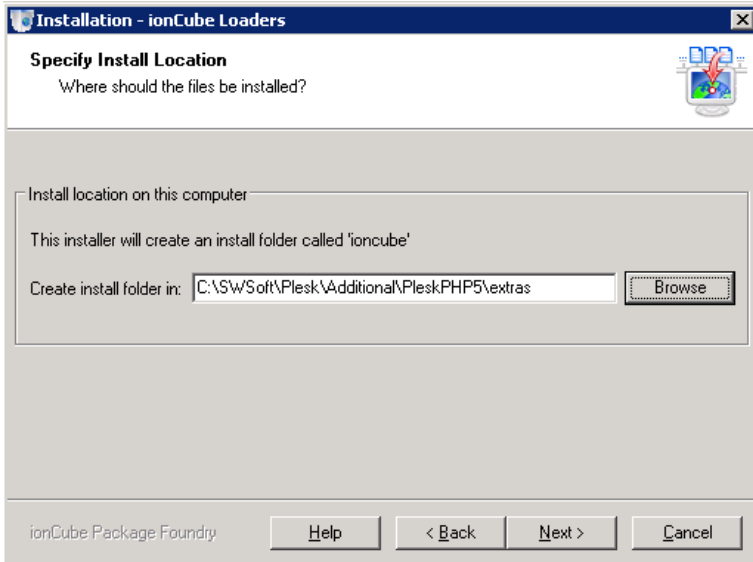
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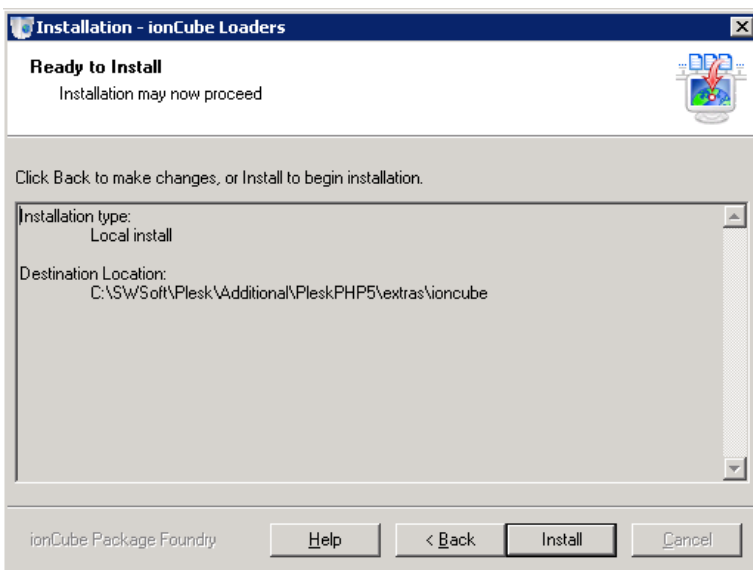
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4. Select the installation directory as %plesk\_dir%\Additional\PleskPHP5\extras to avoid permissions problems as Plesk sets deny permissions to psacn and psaserv on "Program Files". (where %plesk\_dir% is the Plesk installation directory)



5. Click Next and the installation will show the information you have select.



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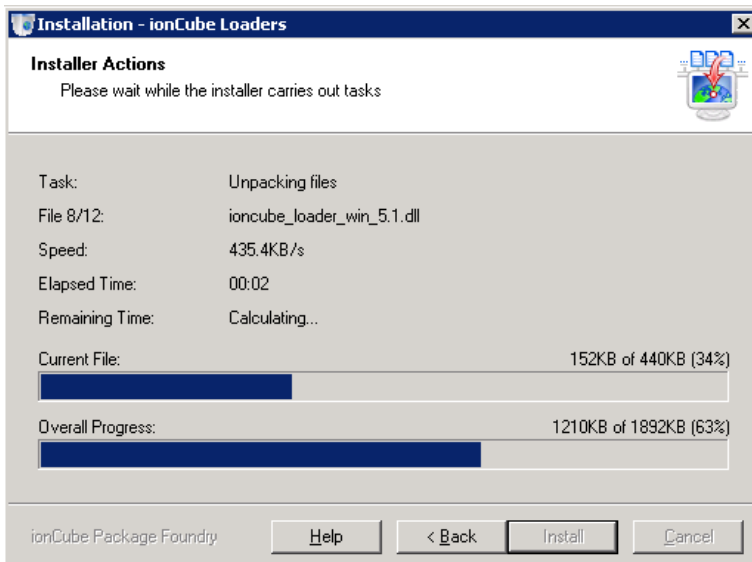
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6. Click on install and it will start installing IonCube Loader on your server.



Continued...

**Martin**  
**Windows System Admin.**

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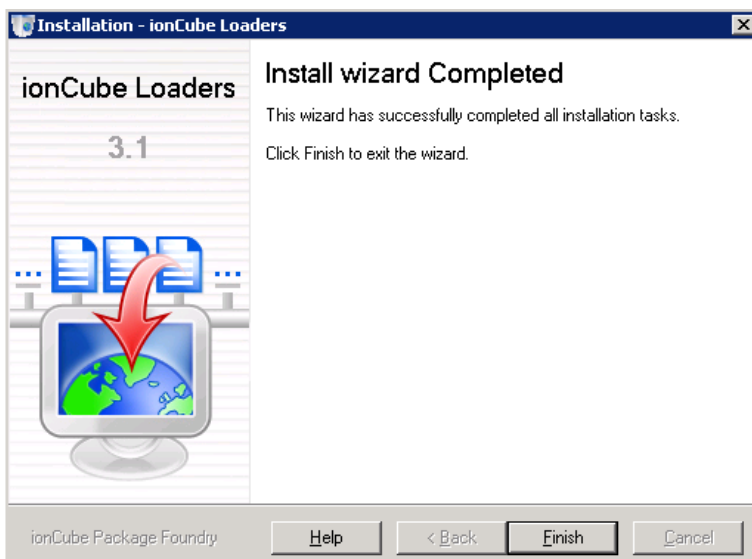
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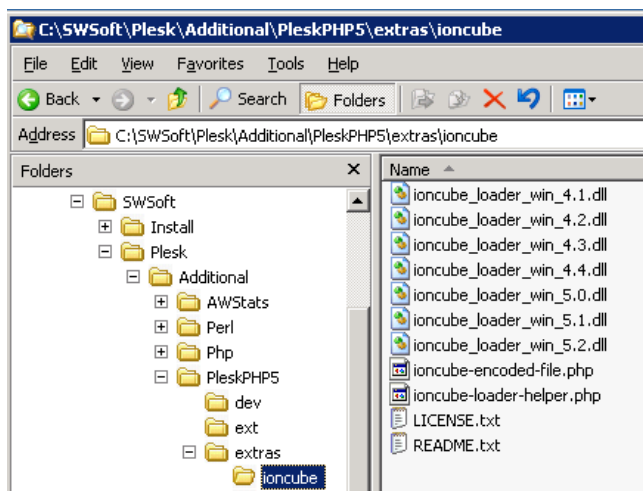
**eUK-Martin**  
Windows System Administrator

Join Date: Nov 2005  
Location: Earth  
Posts: 450

7. Click Finish to finish the IonCube Loader installation.



8. Check if the IonCube libraries are saved on the Plesk PHP path.



9. Now open `php.ini` for both PHP 4.x and PHP 5.x located to insert the path to IonCube Loader's Library.

Code:

```
C:\WINDOWS\php.ini --- for 4.x
%plesk_dir%\Additional\PleskPHP5\php.ini -- for 5.x
```

10. Insert following link at the end of the respective `php.ini` files:

#### For PHP 4.x

Code:

```
[ZEND]
zend_extension_ts = %plesk_dir%\Additional\Php\extensions\ic
```

#### For PHP 5.x

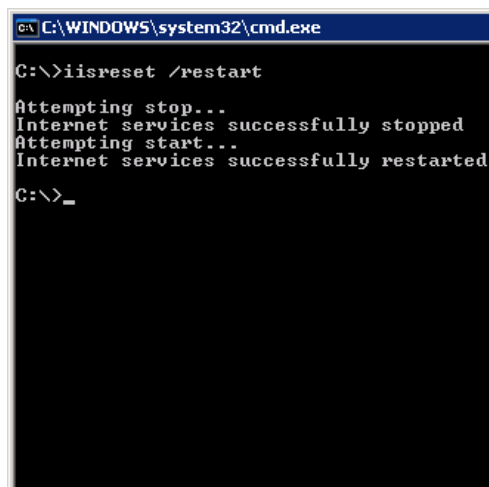
Code:

```
[ZEND]
zend_extension_ts = %plesk_dir%\Additional\Php\extensions\ic
```

11. Please make sure that you select the correct versions of PHP in the file name.

make sure that you replace `%plesk_dir%\` with the path on the server.

12. Restarted IIS:



13. You can check Ioncube Loader in the `phpinfo` page on your website: Create a file `info.php` with the code below in the `httpdocs` folder:

Code:

```
<?php
phpinfo();
?>
```

Browse the file with [http://domain\\_name/info.php](http://domain_name/info.php)

14. You should see this entry on the PHPInfo page:

### Additional Modules

Module Name
ionCube Loader

**And you are Done...!!!**

**Martin**  
**Windows System Admin.**

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Windows System Administrator

Join Date: Nov 2005  
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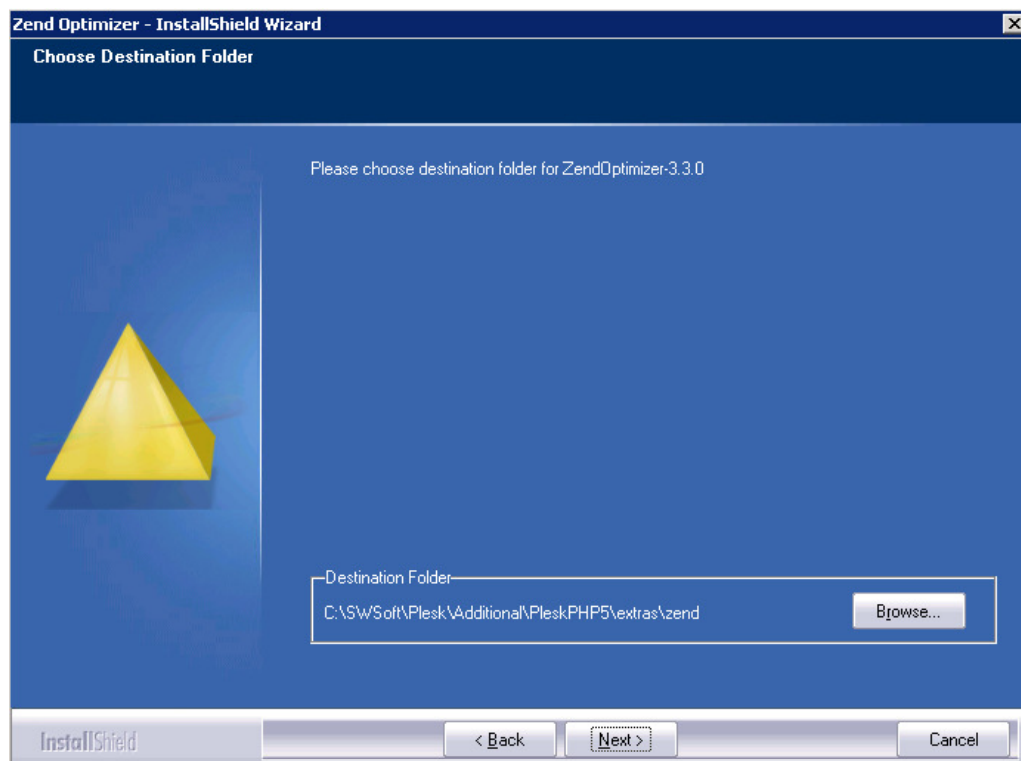
Installing Zend Optimizer.

### We will not install Zend Optimizer:

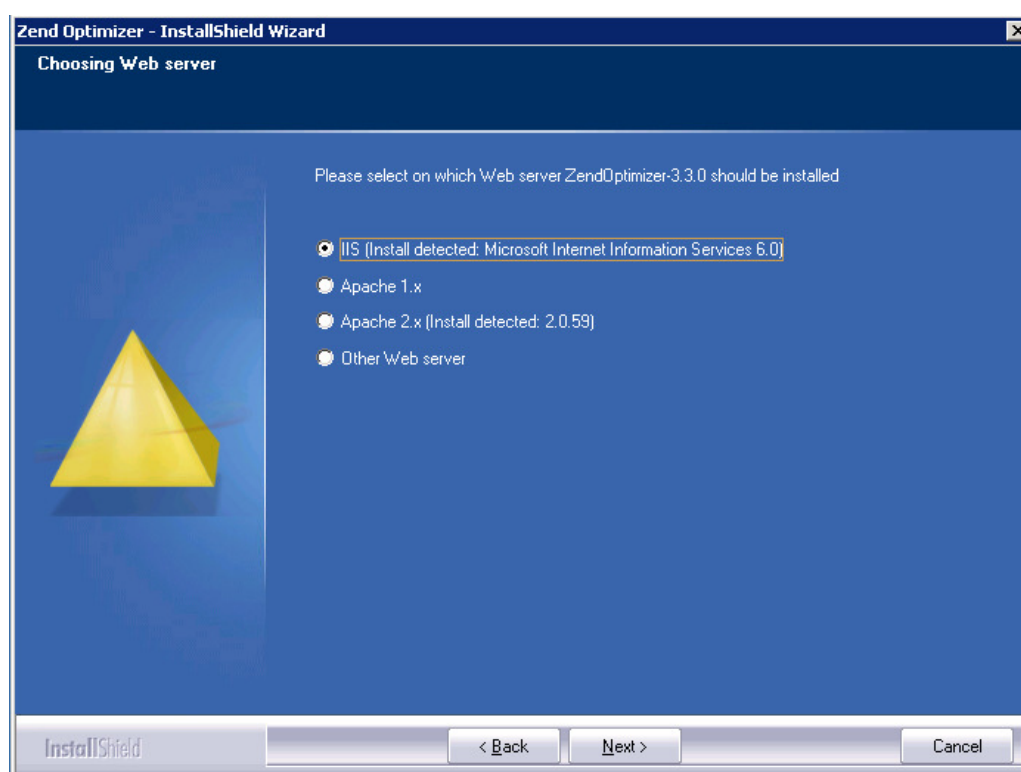
1. Download the setup of Zend Optimizer from **Here** and save it on the server.
2. Run Setup and Click Next on first screen of the installation.
3. Accept the License and Click Next.



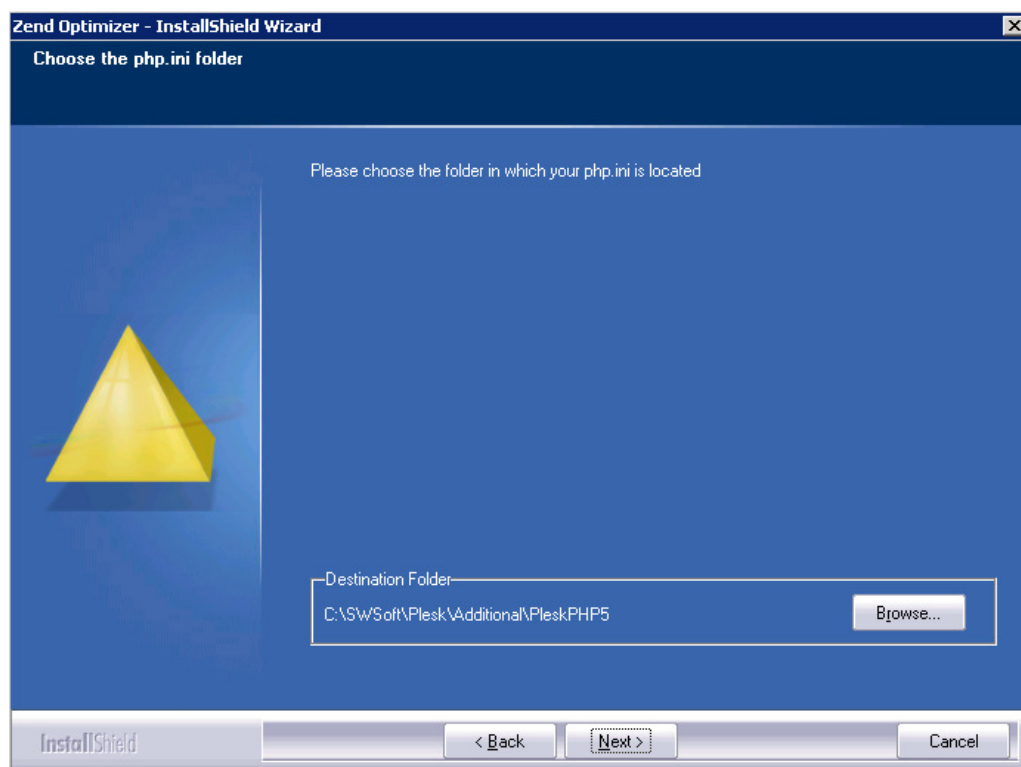
4. Select the installation directory as  
%plesk\_dir%\Additional\PleskPHP5\extras to avoid permissions problems as Plesk sets deny permissions to psacn and psaserv on "Program Files".  
(where %plesk\_dir% is the Plesk installation directory)



5. Select the browser as **IIS**.



6. Select php.ini path as `%plesk_dir%\Additional\PleskPHP5\`



Continued...

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**Windows System Admin.**

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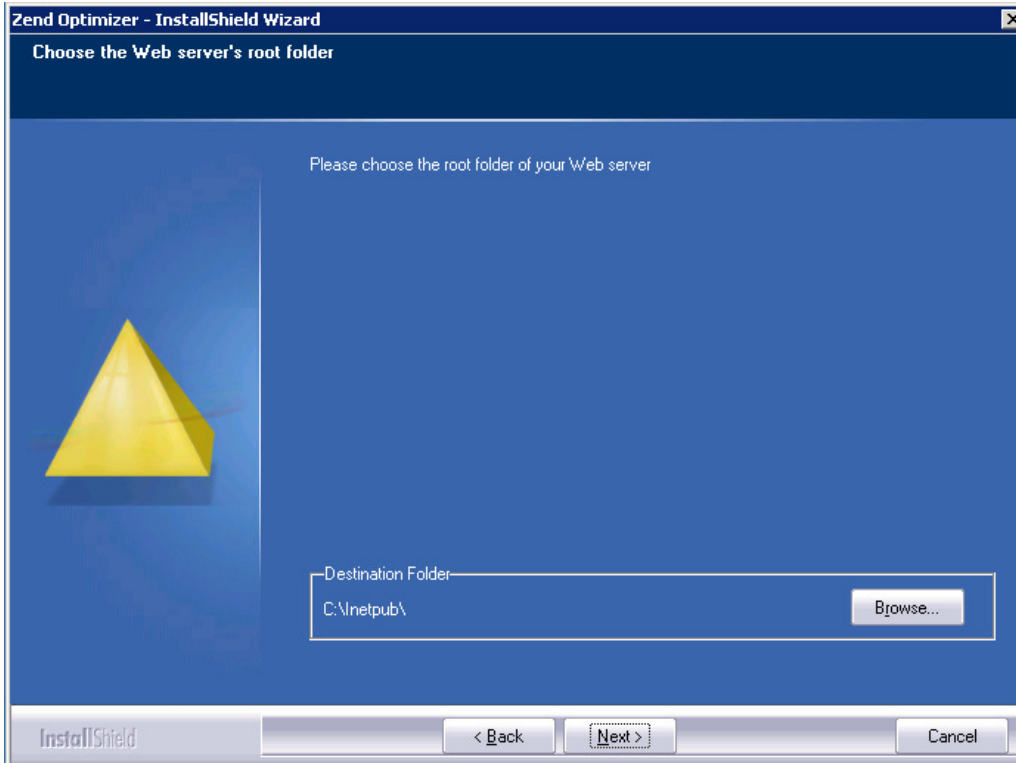
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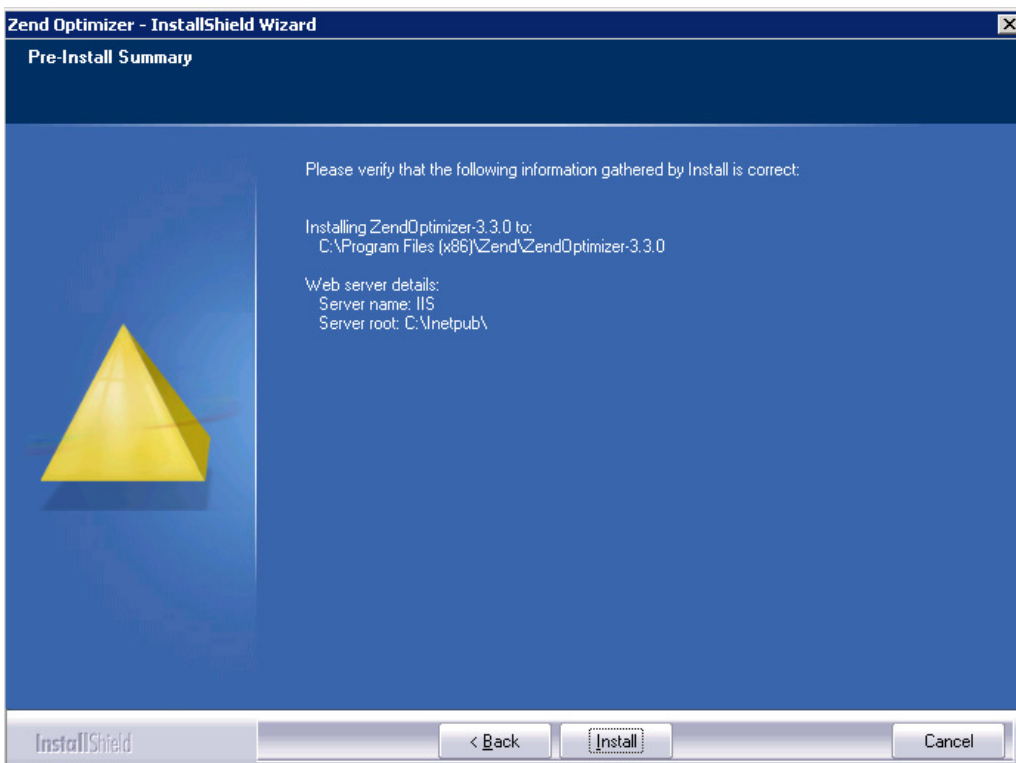
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7. Select the webroot of all the site, normally its **drive:**\inetpub

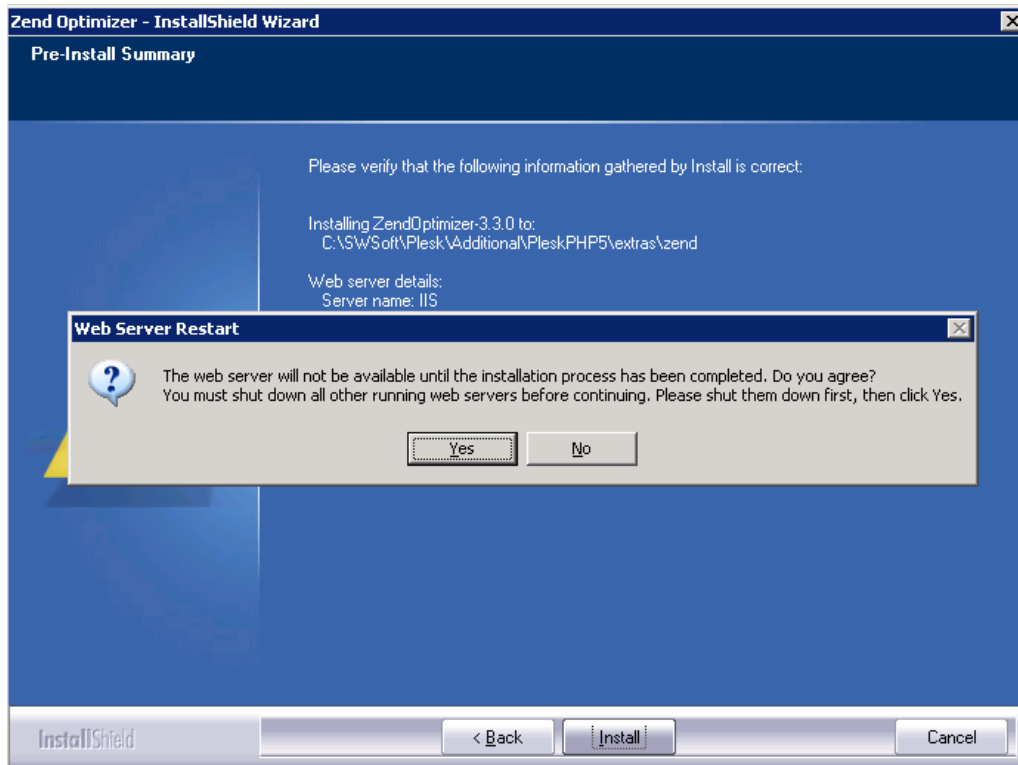


8. Click Next and it will show information you have select for the installation of Zend Optimizer.

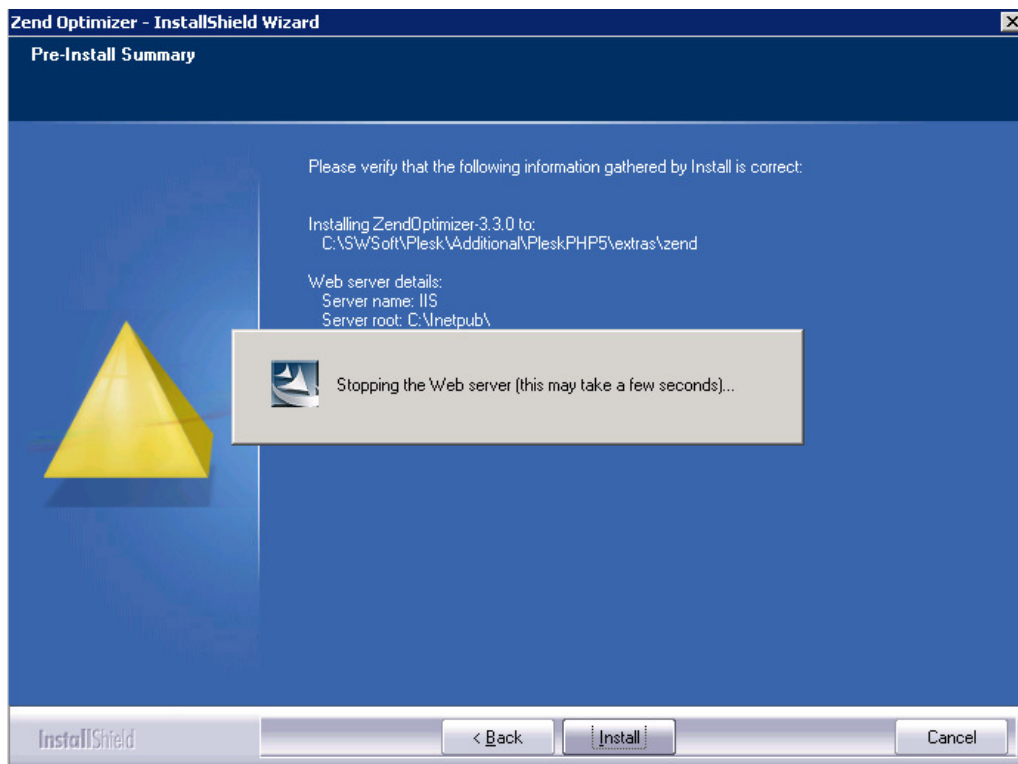




9. You will get a IIS warning, click on **"Yes"**



10. Click on install and it will start installing zend optimizer on your server.



Continued...

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**Windows System Admin.**

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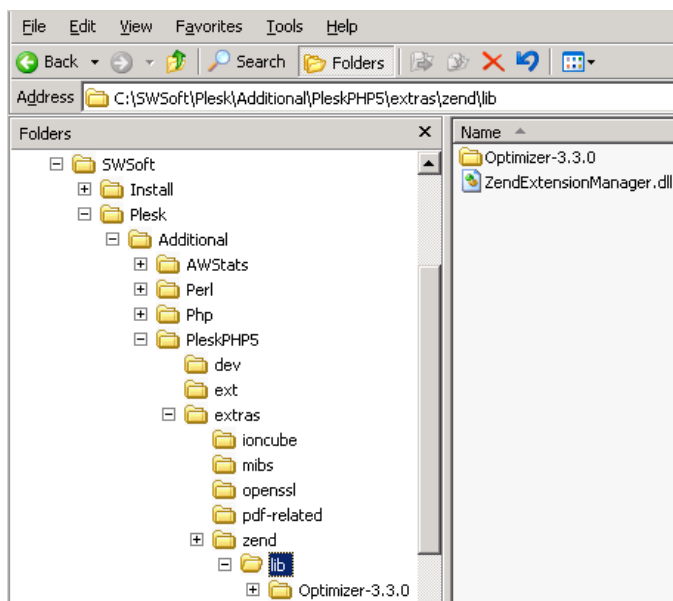
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**eUK-Martin**  
Windows System Administrator

Join Date: Nov 2005  
Location: Earth  
Posts: 450

11. Click Finish to finish the Zend Optimizer installation.
12. Check the Zend Optimizer library on the Plesk PHP path:



13. Now open php.ini for both PHP 4.x and PHP 5.x located at:

Code:

```
C:\WINDOWS\php.ini --- for 4.x
%plesk_dir%\Additional\PleskPHP5\php.ini -- for 5.x
```

14. Insert following lines at the end of the respective php.ini files:

#### For PHP 4.x

Code:

```
[ZEND]
zend_extension_ts = "%plesk_dir%\Additional\PleskPHP5\ext\lib
zend_extension_manager.optimizer_ts="%plesk_dir%\Additional\
```

#### For PHP 5.x

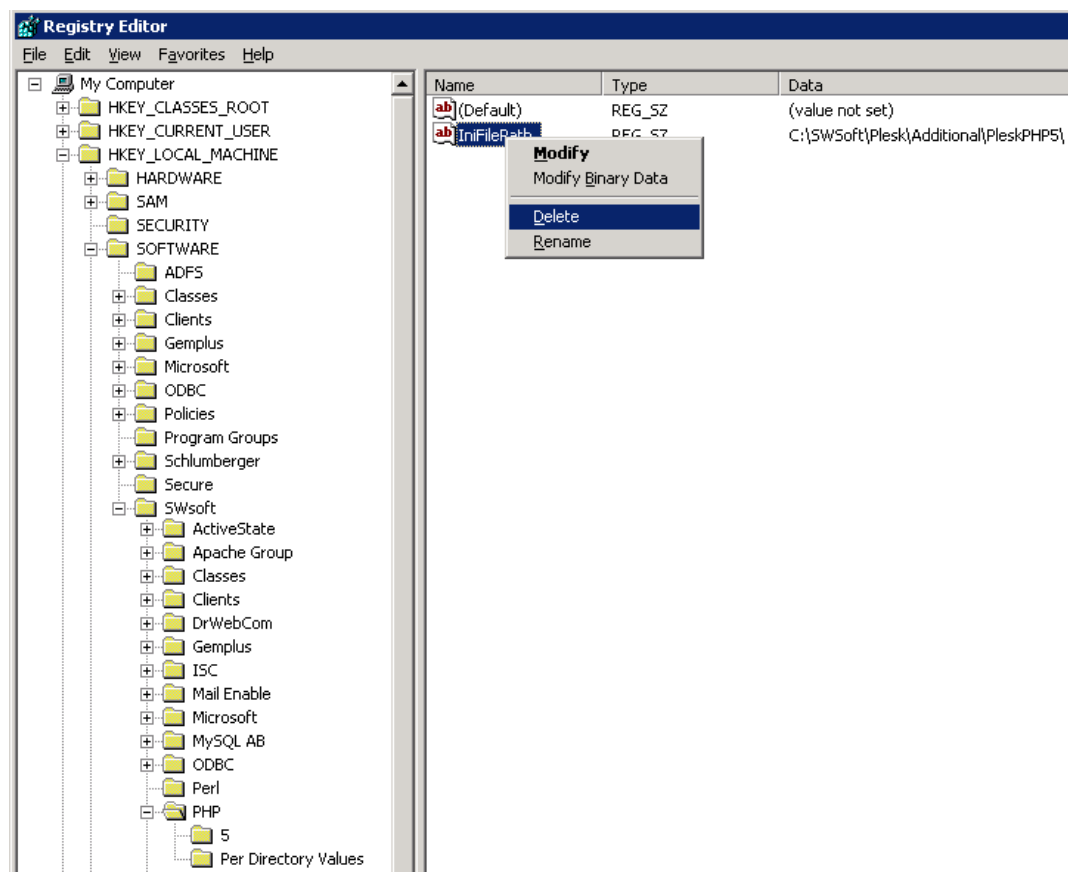
Code:

```
[ZEND]
zend_extension_ts = "%plesk_dir%\Additional\PleskPHP5\extras
zend_extension_manager.optimizer_ts="%plesk_dir%\Additional\
```

Please make sure to change "%plesk\_dir%" with the actual path on the server

#### IMPORTANT:

Open regedit and deleted the key **HKEY\_LOCAL\_MACHINE\SOFTWARE\PHP\IniFilePath**



DO NOT delete the key at **HKEY\_LOCAL\_MACHINE\SOFTWARE\PHP\5\IniFilePath**.

#### 15. Restarted IIS:

```

C:\WINDOWS\system32\cmd.exe

C:\>iisreset /restart

Attempting stop...
Internet services successfully stopped
Attempting start...
Internet services successfully restarted

C:\>_

```

16. You can check Zend Optimizer library in the phpinfo page on your website: Create a file info.php with the code below in the httpdocs folder:

Code:

```

<?php
phpinfo();
?>

```

17. browse the file with [http://domain\\_name/info.php](http://domain_name/info.php)

18. You should see this entry below on the php info page:

## Zend Optimizer

Optimization Pass 1	enabled
Optimization Pass 2	enabled
Optimization Pass 3	enabled
Optimization Pass 4	enabled
Optimization Pass 9	enabled
Zend Loader	enabled
License Path	no value
Obfuscation level	3

**And you are Done... !!!**

**Martin**  
**Windows System Admin.**

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24-08-2008, 06:14

[#6 \(permalink\)](#)



Join Date: Nov 2005  
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### Zend and IonCube installation together.

You can use the above steps for the individual installation of IonCube Loader and Zend Optimizer. However if you want both of them running at the same time then:

1. First install Ioncube Loader with the steps above.
2. Then install Zend optimizer but when you insert the lines in php.ini file, just make sure that you have them in this fashion:


Code:

```
[ZEND]
zend_extension_ts = D:\SWsoft\Plesk\Additional\Php\Extension
zend_extension_ts = "D:\SWsoft\Plesk\Additional\PleskPHP5\ex
zend_extension_manager.optimizer_ts="D:\SWsoft\Plesk\Additio
```

Make sure that you have correct file name for IonCube Loader in the respective php.ini files.

Once you have them you will can see them in the phpinfo page as below:

This program makes use of the Zend Scripting Language Engine:  
 Zend Engine v2.2.0, Copyright (c) 1998-2007 Zend Technologies  
 with the ionCube PHP Loader v3.1.32, Copyright (c) 2002-2007, by ionCube Ltd., and  
 with Zend Extension Manager v1.2.0, Copyright (c) 2003-2007, by Zend Technologies  
 with Zend Optimizer v3.3.3, Copyright (c) 1998-2007, by Zend Technologies



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**Windows System Admin.**

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