

# Parallels<sup>®</sup> Helm

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## **Parallels Helm 4.1 PHP for Microsoft IIS 5 and 6 Module Guide**

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# Preface

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## Typographical Conventions

Before you start using this guide, it is important to understand the documentation conventions used in it.

The following kinds of formatting in the text identify special information.

<u>Formatting convention</u>	<u>Type of Information</u>	<u>Example</u>
<b>Special Bold</b>	Items you must select, such as menu options, command buttons, or items in a list.	Go to the <b>System</b> tab.
	Titles of chapters, sections, and subsections.	Read the <b>Basic Administration</b> chapter.
<i>Italics</i>	Used to emphasize the importance of a point, to introduce a term or to designate a command line placeholder, which is to be replaced with a real name or value.	The system supports the so called <i>wildcard character</i> search.
Monospace	The names of commands, files, directories, and domain names.	The license file is located in the <code>http://docs/common/licenses</code> directory.

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Preformatted	On-screen computer output in your command-line sessions; source code in XML, C++, or other programming languages.	<pre># ls -al /files total 14470</pre>
Preformatted Bold	What you type, contrasted with on-screen computer output.	<pre># cd /root/rpms/php</pre>
CAPITALS	Names of keys on the keyboard.	SHIFT, CTRL, ALT
KEY+KEY	Key combinations for which the user must press and hold down one key and then press another.	CTRL+P, ALT+F4

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## Feedback

If you have found a mistake in this guide, or if you have suggestions or ideas on how to improve this guide, please send your feedback using the online form at <http://www.parallels.com/en/support/usersdoc/>. Please include in your report the guide's title, chapter and section titles, and the fragment of text in which you have found an error.

## CHAPTER 2

# About Parallels Helm

Parallels Helm Web Hosting Control System is an extremely powerful hosting automation solution for Windows 2000 and Windows .NET servers. Parallels Helm is owned by Parallels, a global leader in virtualization and automation software. Web site: <http://www.parallels.com/en/products/helm/>

## CHAPTER 3

# About This Guide

This guide explains how to install and enable PHP for Microsoft IIS 5/6 within Parallels Helm.

## CHAPTER 4

# Installing PHP

Both PHP 4 and 5 can be downloaded via the following link: <http://www.php.net/>.

Please refer to the documentation available on the site for PHP installation and configuration advise should you require it. Default PHP install settings should allow PHP functionality provided the PHP paths match those within the Parallels Helm service. Details on how to do this are provided within this guide.

# Setting Up the PHP Module

- *To set up the PHP module in Parallels Helm:*
- 1 Run the Parallels Helm Configuration Tool, a link for which can be found either on the desktop or in the Tools sub-folder usually located here: `C:\Program Files\WebHost Automation\Helm4\Tools` or `C:\Program Files\Parallels\Helm4\Tools` for fresh Parallels Helm 4.1 installations.
- 2 Click the **Installed Modules** button on the left.
- 3 Scroll down the list of modules available and ensure that the **PHP Support** module is checked and that it is **Installed, Up to date**. If not, you can check the module, and then click the **Install/Uninstall Modules** button to install the module. Once installed, you can configure PHP within the Web service.

# Providing PHP Support

➤ *To set up PHP support in Parallels Helm:*

- 1 In Parallels Helm control panel, go to **Home > Helm System > Servers > [Your Server] > Services > [Your IIS 5/6 Web Service]**
- 2 Scroll down the web service, extend the **Microsoft IIS 5/6 PHP Extension**, and you will be presented with the following settings:
  - **Make PHP v4 available to users.** Enable checkbox to allow users to enable PHP4 on a website they host.
  - **PHP Version 4 Path.** Edit the path accordingly for your PHP4 executable in Windows. By default this is usually 'C:\php4\php.exe'
  - **Make PHP v5 available to users.** Enable checkbox to allow users to enable PHP5 on a website they host.
  - **PHP Version 5 Path.** Edit the path accordingly for your PHP5 executable in Windows. By default this is usually 'C:\php5\php-cgi.exe'
  - **File Extensions (comma separated).** A list of extensions you wish to use for PHP can be added here separated by a comma. The **php** extension is added by default.

Please note that the PHP4 and PHP5 paths must match the Web Service Extension settings within IIS. To check the extensions carry out the following:

1. Open IIS and extend the server name in the left hand pane. You will be presented with a number of folders which include **Application Pools, Web Sites** and **Web Service Extensions**.
2. Double click the **Web Service Extensions** folder and you will be presented with a list of extensions currently available. Ensure the PHP4 and/or PHP5 extensions are set to **Allowed**.
3. Right click the PHP4 web service extension and select properties. Click the **Required Files** tab. This will show a list of accessible files for PHP4. The file path must be exactly the same as the file path present within Parallels Helm.
4. To access the PHP5 file you can replicate the PHP4 steps within IIS but select PHP5 instead. Provided the PHP5 extension matches the PHP5 path within Parallels Helm in the IIS Web Service (for example, C:\php5\php-cgi.exe), PHP5 should function properly when enabled within Parallels Helm.

# Making PHP Available to Your Customers

If you would like to offer PHP installations to your resellers and users, you will need to increase the amount of installations available in their plans and packages. To do this:

- 1 In Parallels Helm, go to **Home > My Plans > [plan] > Resource Limits**.
- 2 When you first set up PHP in a plan (the **PHP Installations** field under the **Web** section of a Plan), the amount is set to **0** by default (*unlimited*). You need to change the limit amount to whatever you require.
- 3 Click **Save** to apply changes.

# Enabling PHP on a Web Site

Once PHP has been added to a customer's plans/packages it can be enabled on a customer's Web site.

➤ **To enable PHP on a Web site:**

- 1 Go to the domain within Parallels Helm: **Home > My Customers > [Customer] > Domains > [domain]**
- 2 Ensure that the **Microsoft IIS5/6 PHP Extension** has been enabled. If not, check the PHP extension checkbox.
- 3 Once the PHP service has been saved, you can now add the PHP extension to a Web site. Click the **Scripting Support** icon under the domain options. You will see the screen where you can configure support for different scripting languages available as extensions within Parallels Helm. Under **PHP Scripting Support**, select the PHP version that you wish to use on the site from the drop-down box for **Installed PHP version**.

# Enabling PHP During Domain Creation

PHP can be automatically enabled on newly created domains by setting up a provisioning method for these in the main plan template.

➤ **To enable PHP on a new domain:**

- 1 Go to **Home > My Plan Templates > [Template]**.
- 2 Scroll down to the **Provisioning Methods** section. Click **Add** and give the provisioning method a friendly name (for example, **Set up PHP 4 automatically**).
- 3 Select **(Web Extension) Set PHP Status** from the **Available Methods** drop-down box. A PHP installed parameter drop-down box should automatically appear. Here you can select the version you wish to set up automatically (Version 4 or 5). Once you are happy with the settings click **Save**.