symlinks / hello world script question

Posted by chrisv - 2011/10/23 02:59

I'm trying the hello world script to see if symlinks are working. (Getting a fatal error failed opening required defines.php)...

so my main root is:
/var/www/vhosts/mysite.com/httpdocs

When putting hello.php in the above directory, it states symlinks are not present.

However, when I put the hello world script in /var/www/vhosts/mysite.com/httpdocs/multisites (the multisites subdirectory), then it says that symlinks work. It also says it works in the multisites/slave1 subdirectory

so...I'm not 100% sure how to proceed from here, but the mappings give me 500 server errors like the sym links aren't working...

Here's the result from the primary webstie directory:
The current path is "/var/www/vhosts/mysite.com/httpdocs"
Error : Unable to create the file /var/www/vhosts/mysite.com/httpdocs/symlink_file4ea57c1e492f3.txt
Probably you will need to used the Joomla FTP Layer and the Symbolic Links will be forbidden

(FTP layer is enabled)...

And the result from the slave subdirectory:
The current path is "/var/www/vhosts/mysite.com/httpdocs/multisites/slave1"
Symbolic Link is PRESENT

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Re: symlinks / hello world script question

Posted by edwin2win - 2011/10/25 09:10

I suspect that you are using Plesk environment.

If this is the case, you may encounter problem with Symbolic Link and mainly to use symbolic links with subdomains and domains.

The symbolic link works perfectly inside the current website.

In Plesk, when you want to use Symbolic Link in subdomains and domains, you have to change the default setup of the Plesk configuration for the domains and subdomains.
Plesk explain the the help appendix II how to modify the Plesk configuration with vhost.conf

Contact your server administrator to help you setup your Plesk server and have correct permission when working with subdomains and domains.

Otherwise, you will not be able to share the same joomla installation.

An alternative solution would be to use "parked domain" or "alias domain" to make several domains as synonym and sharing the same joomla installation.
This will not use the Symbolic Link.

Plesk server is not easy to setup.

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Re:symlinks / hello world script question

Posted by chrisv - 2011/10/25 21:58

Yes - I am running plesk...I'm not sure I fully understand what I (or my hosting company) needs to do...

I have the slave site in a subdirectory of the main site (and also have a domain alias setup that points to that directory)...even accessing that folder directly gives me the 500 error

What do I need to do in Plesk or have our site administrator do? Is there a tutorial or something somewhere explaining this in some detail? I'm sure the host will help if I can accurately tell them what I need them to do

Sorry for stupid questions, but just wanting to make sure I know what to do...

Thanks!

(Said differently, if I follow this procedure to setup/modify a vhost.conf file, what needs to be in the vhost.conf file itself?)

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Re:symlinks / hello world script question

Posted by edwin2win - 2011/10/27 08:22

The configuration of Plesk is specific to each hosting environment and there is no generic procedure for plesk.

Contact the administrator of your server that should have the skills to setup your server correctly and give you the permission between the domains and subdomains.

The administrator of the server has all the "root" access to analyze the server error log file and identify the reason of the "Internal Server Error" and also the problem relative to the permission.

You probably also encounter a problem related to the "open_basedir" that forbid the access to the directories.

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Re:symlinks / hello world script question

Posted by chrisv - 2011/10/27 15:17

Specifically The errors are as follows:

The plesk error log shows the following entries for the hello.php:
PHP Warning: fopen(/var/www/vhosts/mysite.com/httpdocs/symlink_file4ea955deaa2de.txt) : failed to open stream: Permission denied in /var/www/vhosts/mysite.com/httpdocs/hello.php on line 49

When trying to access the subdomain (http://mysite.com/multisites/Album_Rock), I get the following in the system error log:
PHP Warning:
require_once(/var/www/vhosts/mysite.com/httpdocs/multisites/Album_Rock/includes/defines.php) : failed to open stream: No such file or directory in
/var/www/vhosts/mysite.com/httpdocs/multisites/Album_Rock/index.php(11) : eval()'d code on line 19
PHP Fatal error: require_once() : Failed opening required
'/var/www/vhosts/mysite.com/httpdocs/multisites/Album_Rock/includes/defines.php' (include_path='.:') in
/var/www/vhosts/mysite.com/httpdocs/multisites/Album_Rock/index.php(11) : eval()'d code on line 19

The server people have given me full root signon/ssh, so changing things isn't a monumental task (they will do it, too), but I'm not sure what to change. I've changed httpdocs directory to be 757 and 777 from the default 755, but no changes to the above...

There isn't an open basedir error...seems to be an fopen error, which leads me to believe it's a permission issue(?), and the same user has access to the main httpdocs directory and the slave subdirectory (not using a subdomain)...The only difference I notice is it's a different server group for the server root httpdocs (psaserv) vs psacln group for the slave directory and all website content). I got an error when trying to change httpdocs to the psacln group

Any ideas?

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Re:symlinks / hello world script question

Posted by edwin2win - 2011/10/28 11:04

First error (hello 49) shows clearly that you are not the owner of the files and folders and that the temporary file can not be created.

The second error also report that you can not open file and this is again probably related to a problem of file and folder ownership.

I suppose that your server does not have the "suPHP" apache module installed that help manage the files and folder ownership correctly.

You probably have different files and folders ownership in your different directories and that you don't

have the permission to acces the file and folders.

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Re:symlinks / hello world script question

Posted by chrisv - 2011/11/04 14:06

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suPHP will be a difficult/complicated install considering the current server setup, or so my host says...Would prefer to not have to try to setup mod_suphp if there are other work arounds due to the number of domains that would impact...

That being said, can I use this without symlinks?

Would a solution be to do a full blown Joomla installation in a subdirectory or subdomain, while sharing the users tables?

Thanks,
Chris

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Re:symlinks / hello world script question

Posted by edwin2win - 2011/11/05 10:26

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First suPHP and the symbolic links are different things.

suPHP is a module that allows managing correctly the ownership of the files and folders and avoid that all the users on the server are runing under the "apache" owner.

Symbolic Link can works without suPHP if your server is configured to accept the Symbolic Link and allow to follow the Symbolic Link.
You can test if the Symbolic Link can potentially work on your server with the "hello world" application.
See the tutorial video 4 to 7.
http://www.jms2win.com/en/tutorial#jms12x-7

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Re:symlinks / hello world script question

Posted by chrisv - 2011/11/05 21:54

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man..this feels like groundhog day...

Ok...I've setup a multisite in the Album_Rock sub-directory.

The hello.php seems to work in the slave site:
http://lifejive.com/multisites/Album_Rock/hello.php
That says symlinks are present.

But not in the main site:
http://lifejive.com/hello.php

So...This is where the slave site should work:
http://lifejive.com/multisites/Album_Rock/

When I access that directory/slave site, I get a 500 error message, and this in the error log::
PHP Warning:
require_once(/var/www/vhosts/lifejive.com/httpdocs/multisites/Album_Rock/includes/defines.php) : failed to open stream: No such file or directory in
/var/www/vhosts/lifejive.com/httpdocs/multisites/Album_Rock/index.php(11) : eval()'d code on line 19
PHP Fatal error: require_once() : Failed opening required
'/var/www/vhosts/lifejive.com/httpdocs/multisites/Album_Rock/includes/defines.php' (include_path='.:') in
/var/www/vhosts/lifejive.com/httpdocs/multisites/Album_Rock/index.php(11) : eval()'d code on line 19

when I posed this before, you told me I had to install mod_suphp for symlinks (or this script) to work based on the errors I'd received (and posted earlier in the thread)...

So...do I or don't I need mod_suphp? I thought you said I did, but now are saying I don't? Sorry to ask stupid questions - I'm just confused here and feel like I'm getting conflicting advice...Will this script work with Plesk without mod_suphp? I've given some examples of errors throughout this thread.

Thanks!
Chris

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Re:symlinks / hello world script question
Posted by edwin2win - 2011/11/06 14:10

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The error reported let me suppose that you don't have the same owernship and group for the "index.php" that would explain why the index.php file can not be open.

You have to verify that you are have the permission to access the file.

The objective of suPHP is to have correct ownership for all the files and folder.
In your case, as you don't have suPHP installed, you have to manage the ownership of the files and folders manually to make them consistent between each other.

Contact the administrator of your server to setup the ownership correctly and make them consistent between all the files and folders.
Perhaps the administration should have to configure your apache virtual host with user and group that corresond to your FTP user and group.

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Re:symlinks / hello world script question
Posted by chrisv - 2011/11/07 01:16

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All files / folders have the same user and group, including the httpdocs folder. I've even chmod'd httpdocs to be 777

All files in the main directory have owner:groups as follows: hendrix:psacln, so I"m not sure what the issue is. When accessing lifejive.com/hello.php, it appears to work, but when I access the multisite install, it still gives the 500 error...

PHP Warning:
require_once(/var/www/vhosts/lifejive.com/httpdocs/multisites/Album_Rock/includes/defines.php) : failed to open stream: No such file or directory in
/var/www/vhosts/lifejive.com/httpdocs/multisites/Album_Rock/index.php(11) : eval()'d code on line 19
PHP Fatal error: require_once() : Failed opening required
'/var/www/vhosts/lifejive.com/httpdocs/multisites/Album_Rock/includes/defines.php' (include_path='.:') in
/var/www/vhosts/lifejive.com/httpdocs/multisites/Album_Rock/index.php(11) : eval()'d code on line 19

Any ideas?

Thanks!

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Re:symlinks / hello world script question

Posted by edwin2win - 2011/11/07 08:33

Whe you read the error message, it is reported that the file or directory can not be open.

So check that the path exists and if it exists, verify that you have the correct permission. You probably don't have the correct permission.
Contact the administrator of your server to help you identifying the permission restriction that is persent in your server and that forbid the access to the files and directories.

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