VHosts outside of JMS config disable JMS sites

Posted by jcass - 2010/11/08 16:18

I have a joomla turnkey linux appliance (ubuntu) that I have joomla and JMS installed and working.

Everything is working fine for the master site and 4 slave sites.

However, when I try to configure a virtual host in apache to be served outside of joomla/JMS, all my JMS slave sites stop working, which means they simply list directory contents of the master directory.

Here is what my joomla site's vhost file looks like:

```
ServerName web01.answerfirst.com
ServerAlias *.web01.answerfirst.com
UseCanonicalName Off
ServerAdmin  webmaster@answerfirst.com
DocumentRoot /usr/share/joomla15



SSLEngine on
SSLCertificateFile /etc/apache2/ssl.crt/web01.answerfirst.com.crt
SSLCertificateKeyFile /etc/apache2/ssl.key/web01.answerfirst.com.key
SSLCertificateChainFile /etc/apache2/ssl.crt/sf_bundle.crt
ServerAdmin webmaster@answerfirst.com
DocumentRoot /usr/share/joomla15



Options +FollowSymLinks
AllowOverride All
order allow,deny
allow from all
```

and this is what my virtual host (outside of joomla--now disabled) looks like:

```
DocumentRoot /usr/share/answerfirst.com
ServerName answerfirst.us
ServerAlias www.answerfirst.us

allow from all
Options +Indexes
```

Any suggestions on the changes I need to make so I can enable the second vhost and still have my slave sites working properly?

Thanks,
James

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Re: VHosts outside of JMS config disable JMS sites
Posted by edwin2win - 2010/11/08 19:44

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Sorry but personnaly, I don't see where is the mistake.

If I understand correctly the problem the
- web01.answerfirst.com
is no more available when
- answerfirst.us
is defined

Or this is the reverse.

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Re: VHosts outside of JMS config disable JMS sites
Posted by jcass - 2010/11/08 20:10

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web01.answerfirst.com is the vhost definition that points to my joomla installation.

answerfirst.us is a second vhost definition, that is outside of joomla/jms. If I enable the answerfirst.us vhost (a2ensite...) then all my slave sites configured under JMS stop working.

My goal is to be able to serve my joomla master site, all my slave sites, and any vhosts I have configured via apache that are outside of joomla/jms. Is this possible?

If it is possible, given the symptoms I'm having, where do I need to make a change? Apache or within JMS?

Thanks

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Re: VHosts outside of JMS config disable JMS sites
Posted by edwin2win - 2010/11/09 08:57

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Before analyzing the JMS configuration, the first thing that I would like to understand is if your apache configuration provide the correct information and that you reach your correct domains when everything is defined.

Based on what I have understood, it seems that your apache does not recognize the other domains.

To check that, just put a "hello.txt" file into the different document root with a different content (or simply different file name) and verify that your apache configuration is correct and reply for each domain or subdomain with the appropriate directory.

Once you will have the correct apache configuration, we could concentrate on the JMS Multisites setup and verify that domain name or subdomain name received are correct.

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Re: VHosts outside of JMS config disable JMS sites
Posted by jcass - 2010/11/09 16:02

Ok, I did that test. Whenever I enable the vhosts configured in apache (using a2ensite) then the ServerName matches the DocumentRoot. In addition, JMS slave sites (that do not have a vhost configured) will not come up, only showing the directory structure of the main joomla vhost DocumentRoot.

When the only vhost enabled is the main joomla vhost, then master JMS site and all the slave sites come up appropriately, and their DocumentRoot is the main joomla vhost DocumentRoot.

At least form these results, it looks to me like apache is working appropriately when the vhosts are enabled. Each ServerName comes up in it's assigned DocumentRoot.

To explain additional results, if I create a vhost definition in apache for each of the JMS slave sites, then the templates associated for each of those slave sites is incorrect.

Any thoughts?

James

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Re: VHosts outside of JMS config disable JMS sites
Posted by edwin2win - 2010/11/09 16:24

For me the result is not correct as you mentionned that when you define the main vhost all the domains are working.
Perhaps they are working but are sharing the same document root that is not the expected result.

The idea would be to have as many domain (or subdomain) with specific document root.
Later you could use the Symbolic Link to share the directories.

So based on the decription you give, the test fails.

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Re: VHosts outside of JMS config disable JMS sites
Posted by jcass - 2010/11/09 16:45

Ok, please correct me if I am wrong:

for every slave site in JMS, I need to have a vhost created in apache?

Each of these vhosts in apache should have a different DocumentRoot, but each of these should be a symbolic link to the master site's directory?

Anything else we need to do?

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Re: VHosts outside of JMS config disable JMS sites

Posted by edwin2win - 2010/11/09 22:22

YES this is better to have as many vhost as slave site that provide as many speicifc "document root" as slave site.
Such configuration will give you the possibilty to have specific images and templates directories.

So you have perfectly understood my expected result that will give you all the possible configuration that are available in JMS Multisites.

If you don't do that you will be limited in the creation of slave site with specific images and templates directory.

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Re: VHosts outside of JMS config disable JMS sites

Posted by jcass - 2010/11/09 23:08

Thanks Edwin. This is somewhat frustrating, because you actually helped us (through paid support) to configure JMS and our first few slave sites. I'm not sure why we would have had set it up this way if it is not the desired configuration.

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Re: VHosts outside of JMS config disable JMS sites

Posted by edwin2win - 2010/11/10 23:54

Sorry but I don't remember your specific case and I just reply to your question with the generic case - not a speciifc one that I don't remember.
Sorry but in general, 2 or 3 hours after I am doing something fo ra customer, I forget it because I have to reply to another customer and I can not remember each specific cases.

Perhaps there is a specific reason that I don't remember.

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