# Multi-sites proposed architecture

Posted by kamalmn - 2012/09/05 11:15

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I'm using Godaddy UNIX platform for the hosting. Based on your proposed architecture and video tutorial's, this is what I'm going to do. Please let me know my understanding is right.

http://www.domain.com -> /var/chroot/home/content/xx/xxxxxxx/html

1. Create sub-domain directory
http://sub-domain.domain.com -> /var/chroot/home/content/xx/xxxxxxx/html/sub-domain

2. Install Joomla 2.5 all the extensions, plug-ins and JMS in the master sub-domain .
http://master.domain.com -> /var/chroot/home/content/xx/xxxxxxx/html/sub-domain/master

3. Create slave site in the master website thru back end using JMS and deploy it on the main domain. This is the primary website. Share the joomla , community builder and virtuemart user's
http://www.domain.com -> /var/chroot/home/content/xx/xxxxxxx/html/

4. Install the JMS extension for the master in the slave site to create templates , sites from both front end and back end .

5. Create slave 1 from slave site . This is a blank website with no default values .Create template called to create sites from the frontend

Slave site-> slave1->Template->slave1.1->Salve1.2

6. Repeat the step 5 to create more slave sites and Templates to create the sites. Shared user's will be seen in all the sites.

7. Use Multi-Sites partial user sharing module for the user sharing.

Visual representation of all the steps described above

1. http://master.domain.com === joomla2.5+ Extensions(JMS)+Plug-ins
2. http://www.domain.com === Slave site created in the master site
3. Master – > Slave

4. Slave –> Slave1 -> Template -> Slave1.1
   Slave –> Slave1 -> Template -> Slave1.2
   Slave –> Slave1 -> Template -> Slave1.3

   Slave –> Slave2 -> Template -> Slave2.1
   Slave –> Slave2 -> Template -> Slave2.2
   Slave –> Slave2 -> Template -> Slave2.3

   Slave –> Slave3 -> Template -> Slave3.1
   Slave –> Slave3 -> Template -> Slave3.2
   Slave –> Slave3 -> Template -> Slave3.3

Share the Joomla users and community builder user in the Slave site.

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## Re: Multi-sites proposed architecture

Posted by edwin2win - 2012/09/06 09:48

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On godaddy and shared hosting, the domains and subdomains must be defined under the html directory and therefore are also identified as subdirectory of the "primary domain".

As the /html correspond to the primary domain and that it is not possible to create the additional domain or subdomain in specific directory beside the '/html', I personnally suggest to use a "fake" primary domain that should not be public and put a htaccess or index.html that redirect to the public website. So that the /html directory could be considered as an empty site that just has no content except the directory for the real domain and subdomains. You can also use a "robot.txt" to forbid all indexation.

1) Based on our recommendation, the directory should be
sub-domain.domain.com ->
/var/chroot/home/content/xx/xxxxxxx/html/domains/domain.com/subdomains/sub-domain/public_html

2) Directory should be
master.domain.com ->
/var/chroot/home/content/xx/xxxxxxx/html/domains/domain.com/subdomains/master/public_html

3) correct

4) yes, if you need to create website from the front-end of a slave site, you need to install JMS in the slave site. Otherwise, JMS should never be installed in a slave site.

5) Yes you can create as many "template website" as you want and that will be used to create the other slave site.

6) yes

7) Yes, this is also possible.

8) Yes you can create such architecture.

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## Re: Multi-sites proposed architecture

Posted by megaswing - 2012/09/06 10:14

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Thanks edwin2win !!

Where should i put the(directory on disk) public facing(http://www.domain.com) "slave site " created from the master site?

http://www.domain.com-> "Salve site"

Is it
slave.domain.com ->
/var/chroot/home/content/xx/xxxxxxx/html/domains/domain.com/subdomains/slave/public_html

and put the redirect code in the /var/chroot/home/content/xx/xxxxxxx/html/index.html(contains code to redirect to "slave site")?

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## Re: Multi-sites proposed architecture
Posted by edwin2win - 2012/09/07 12:58

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When you just have a domain.com or www.domain.com, the location on the disk is

www.domain.com -> /var/chroot/home/content/xx/xxxxxxx/html/domains/domain.com/public_html

and in case of a subdomain
slave.domain.com ->
/var/chroot/home/content/xx/xxxxxxx/html/domains/domain.com/subdomains/slave/public_html

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## Re:Multi-sites proposed architecture
Posted by megaswing - 2012/09/18 09:02

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I installed joomla , extensions(JMS) in one directory. I created a template to create the slave site from the master site called "slave". But when i log-in into the slave site , i see all the extensions under component menu. I'm understanding is i have to re-isntall the extensions i want, in this case JMS?

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## Re:Multi-sites proposed architecture
Posted by megaswing - 2012/09/19 01:29

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After re-installing JMS this issue is gone. Looks like  moving master site folder with JMS install was  the problem.

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## Re:Multi-sites proposed architecture
Posted by edwin2win - 2012/09/22 10:29

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If you see all the extension when you try to login in the slave site, this is the symptom that you are NOT logged in the slave site but in your master.

When JMS is not installed or that the patches are not installed or that the slave site definition is not saved with success, by default, this is the master website that is displayed.
A tip is to set different site name for each website and verify when you login in the back-end that you have the correct site name. You can also verify the "global configuration" to verify that you are connected on the appropriate DB and table prefix.

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