XMLRPC Plugin
Posted by battisti - 2010/02/05 20:13

We have the following problem:

Created a plugin that uses XMLRPC to return some information from sites such as: user list, list of required templates, etc..

This plugin works perfectly in a normal installation of joomla but within a site slave JMS happens that the methods make reference to the core installation of joomla and not to the slave site!

Has anyone used xmlrpc sites slaves JMS?

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Re: XMLRPC Plugin
Posted by edwin2win - 2010/02/06 01:03

Can you provide a detailled scenario on the way to reproduce the issue.

For the moment, we never received report on issues with XMLRPC.

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Re: XMLRPC Plugin
Posted by battisti - 2010/02/06 12:52

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i seed the sample files from sales@jms2win.com you have access with this mail?

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Re: XMLRPC Plugin
Posted by edwin2win - 2010/02/06 23:09

Email correctly received.
This will take a little time before we could provide you an answer. (Perhaps several days or week).

If this is urgent, we have billable support that can be ordered at
http://www.jms2win.com/download?page=shop.product_details&flypage=flypage.tpl&product_id=35&category_id=1

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Re:XMLRPC Plugin
Posted by MediaRegie - 2010/12/20 17:17

Hiya,

I noticed that the last reply to this topic was 10 Months, 2 Weeks ago.

I'm having the same issue. I installed a custom xmlrpc plugin on a test joomla (no JMS installation) and it worked fine. But in JMS the system.listMethods call only returns the system methods (all xmlrpc plugins are published):
system.listMethods
system.methodHelp
system.methodSignature
system.multicall
system.getCapabilities

In a normal joomla installation, when you publish the xmlrpc plugins, you get the following (if you publish all xmlrpc plugins):
joomla.searchSite
blogger.getUsersBlogs
blogger.getUserInfo
blogger.getPost
blogger.getRecentPosts
blogger.getTemplate
blogger.setTemplate
blogger.newPost
blogger.deletePost
blogger.editPost
system.listMethods
system.methodHelp
system.methodSignature
system.multicall
system.getCapabilities

Custom added plugins also show up in the 'normal' (not JMS) call. The assumption is that somehow in JMS, the call gets distorted by JMS.

Any ideas on how to fix this? Help would be greatly appreciated!

cheers,
SaM

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Re:XMLRPC Plugin

Posted by edwin2win - 2010/12/21 09:04

First verify the version of JMS Multisites that you are using.
Fix was delivered in JMS Multisites version 1.2.21.
http://www.jms2win.com/faq/change-history-v12x?start=20

You have to add the port in the list of domains of your slave site otherwise, it is assumed you are working on the master.
So add in your domain list something like www.domain.com:80 and domain.com:80
If you are working with https, use port 443.

The XMLRPC protocol adds the port in the URL and therefore must be present in the slave site definition to be recognized as a synonym of the slave site.

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Re:XMLRPC Plugin
Posted by MediaRegie - 2010/12/21 09:30

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thx for the reply, Edwin. Indeed I make the call using a port, like:

$c=new xmlrpc_client("my_folder_to_xmlrpc/xmlrpc/index.php", "myslavesite.com", 80);

However, adding www.myslavesite.com:80 or myslavesite.com:80 in the Domains list is not changing anything. Both www.myslavesite.com:80 and myslavesite.com:80 are forwarded properly to myslavesite.com when entering it in the browser. My version nr's:
Joomla Multi Sites version: 1.2.38
Patches definition version: 1.2.44

So, still getting only the system methods from the system.listMethods call. Calling the master site gives the same result. On the master, I also published the plugins and enabled web services.

Any ideas?

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Re:XMLRPC Plugin
Posted by edwin2win - 2010/12/21 14:58

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If it is calling the master, this is because the domain is not correctly defined in the slaave site or that domain info that reach the slave site does not match exactly what you expect.
Also check that you have the WWW and without WWW domain definition.

So you have to cross-check again.

If you want that we have a look on your server, this is still possible with our billable support that you can order at
http://www.jms2win.com/download?page=shop.product_details&flypage=flypage.tpl&product_id=35&category_id=1

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Re:XMLRPC Plugin
Posted by MediaRegie - 2010/12/21 16:34

I appreciate the help, and I have cross-checked again. Here's what I did:

I disabled the webservice on the master site, to be sure my call to the slave site did not accidentally reach the master site. I added the port number to the slave site in the Site Manager of JMS, I now have:
http://www.slavesite.nl
http://slavesite.nl
http://www.slavesite.nl:80
http://slavesite.nl:80

The system.listMethods call is initiated using the following:

```
include('path_to_my_lib/phpxmlrpc/xmlrpc.php');

$f=new xmlrpcmsg('system.listMethods');
$c=new xmlrpc_client("path_to_my_xmlrpc/index.php", "slavesite.nl", 80);
$c->setDebug(1);
$r=$c->send($f);
$v=$r->value();
if (!$r->faultCode()) {
  print "I got this value back
" .
  htmlentities($r->serialize()) . "n";
} else {
  print "Fault
";
  print "Code: " . htmlentities($r->faultCode()) . "
" .
  "Reason: '" . htmlentities($r->faultString()) . "'
";
}
```

Again, only the system methods are returned, although other joomla / blogger methods are also published.

Here is the response from the slavesite:

```
---GOT---
HTTP/1.1 200 OK
Date: Tue, 21 Dec 2010 15:14:44 GMT
Server: Apache/2
X-Powered-By: PHP/5.2.14
Set-Cookie: c80730546823d3ee08fca1f58ad29fce=2ffde47ad896d887fb37d7ff69858d2a; path=/
P3P: CP="NOI ADM DEV PSAi COM NAV OUR OTRo STP IND DEM"
Vary: Accept-Encoding,User-Agent
Content-Encoding: gzip
Content-Length: 176
Connection: close
Content-Type: text/xml
```

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---END---

HEADER: date: Tue, 21 Dec 2010 15:14:44 GMT
HEADER: server: Apache/2
HEADER: x-powered-by: PHP/5.2.14
HEADER: set-cookie: c80730546823d3ee08fca1f58ad29fce=2ffde47ad896d887fb37d7ff69858d2a; path=/
HEADER: p3p: CP="NOI ADM DEV PSAi COM NAV OUR OTRo STP IND DEM"
HEADER: vary: Accept-Encoding,User-Agent
HEADER: content-encoding: gzip
HEADER: content-length: 176
HEADER: connection: close
HEADER: content-type: text/xml
COOKIE: c80730546823d3ee08fca1f58ad29fce=2ffde47ad896d887fb37d7ff69858d2a

---INFLATED RESPONSE------

system.listMethods
system.methodHelp
system.methodSignature
system.multicall
system.getCapabilities

---END---

---PARSED---
xmlrpcval::__set_state(array(
  'me' =>
  array (
    'array' =>
    array (
      0 =>
      xmlrpcval::__set_state(array(
        'me' =>
        array (
          'string' => 'system.listMethods',
        ),
        'mytype' => 1,
        '_php_class' => NULL,
      )),

```
    1 =>
    xmlrpcval::__set_state(array(
       'me' =>
      array (
        'string' => 'system.methodHelp',
      ),
       'mytype' => 1,
       '_php_class' => NULL,
    )),
    2 =>
    xmlrpcval::__set_state(array(
       'me' =>
      array (
        'string' => 'system.methodSignature',
      ),
       'mytype' => 1,
       '_php_class' => NULL,
    )),
    3 =>
    xmlrpcval::__set_state(array(
       'me' =>
      array (
        'string' => 'system.multicall',
      ),
       'mytype' => 1,
       '_php_class' => NULL,
    )),
    4 =>
    xmlrpcval::__set_state(array(
       'me' =>
      array (
        'string' => 'system.getCapabilities',
      ),
       'mytype' => 1,
       '_php_class' => NULL,
    )),
  ),
),
  'mytype' => 2,
  '_php_class' => NULL,
))
---END---
```

I got this value back

system.listMethods
system.methodHelp

system.methodSignature
system.multicall
system.getCapabilities

Exactly the same call to a non-JMS installation (singe Joomla installation) returns all the other methods as well.

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Re:XMLRPC Plugin
Posted by edwin2win - 2010/12/21 22:33

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The key elements is not what is sent or the reply received but what is received by JMS Multisites.

Please debug the receiving call in JMS Multisites to verify the host URL received.
If you want that we do it for you, here it is our billable support

http://www.jms2win.com/download?page=shop.product_details&flypage=flypage.tpl&product_id=35&category_id=1

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Re:XMLRPC Plugin
Posted by MediaRegie - 2010/12/22 12:15

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Hi Edwin,

thx for your reply. I may have found the solution, although I'm not quite sure what exactly is happening.

In the /xmlrpc/index.php file an error was thrown about array_merge (line 46). After printing the array $allCalls I noticed that the first key in the array was empty. Hence the problem, the array never got filled with all the methods. This is the latest version of xmlrpc btw.

I fixed it by adding on line 46 (above array_merge):

```
if( !is_array( $calls ) )
    $calls = array();
```

All the published xmlrpc methods are returned now.
I will do some more testing to see if this fixes the issue permanently.

FYI: I used the following php code to check the client request (to see if the right slavesite was called:

echo $_SERVER.$_SERVER;

The right call was made (www.slavesite.nl/xmlrpc/index.php), so maybe the problem has nothing to do with JMS.

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Re:XMLRPC Plugin

Posted by edwin2win - 2010/12/22 14:40

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I am glad to see you have identified the potential reason.
Thank you for this post that perhaps will help other customers.

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