

FreeBSD Administration - Bug #382

Problems Connecting Puppets to Puppet Master After Upgrade

05/01/2014 05:25 PM - Daniel Curtis

Status:	Closed	Start date:	05/01/2014
Priority:	Normal	Due date:	
Assignee:	Daniel Curtis	% Done:	100%
Category:	Automated Server Management	Estimated time:	0.50 hour
Target version:	FreeBSD 9	Spent time:	3.00 hours

Description

I recently migrated my puppet master node and when I joined a puppet node to the puppet master node I got an error that prevented anything from being pulled from the puppet master server. Here is the error I got:

```
err: /Stage[main]/Puppetclient/File[/etc/puppet/puppet.conf]: Could not evaluate: Error 400 on SERVER: Not authorized to call find on /file_metadata/files/etc/puppet/puppet.conf.client with {:links=>"manage"} Could not retrieve file metadata for puppet:///files/etc/puppet/puppet.conf.client: Error 400 on SERVER: Not authorized to call find on /file_metadata/files/etc/puppet/puppet.conf.client with {:links=>"manage"} at /usr/local/etc/puppet/manifests/classes/puppetClient.pp:15
```

As it turns out there is a known bug in puppet 3 that causes a breakage in the fileserver parser. luckily there was a workaround for this:

- In **fileserver.conf**:
Put the name of your mount point, the path, and an allow * directive.

```
[files]
  path /etc/puppet/files
  allow *
```

- In **auth.conf**:
Use a regular expression path to match both the file_metadata and file_content endpoints followed by the name of your custom mount point. Then, use any combination of allow and allow_ip directives to control access.

```
path ~ ^/file_(metadata|content)/files/
auth yes
allow /^(.+\.)?example.com$/
allow_ip 192.168.100.0/24
```

Effect:

This fully re-implements the previous behavior of the following fileserver.conf:

```
[files]
  path /etc/puppet/files
  allow *.example.com
  allow 192.168.100.0/24
```

It does this by:

- Allowing any request to fulfill fileserver.conf's requirements...
- ...but using auth.conf to ensure that only authorized requests ever reach fileserver.conf.

Once I made the changes, the errors went away and the puppet nodes started connecting to the puppet master in a normal manner.

Resources

History

#1 - 05/01/2014 09:39 PM - Daniel Curtis

- Status changed from *Resolved* to *Closed*

#2 - 02/15/2015 09:13 PM - Daniel Curtis

- Project changed from *90* to *FreeBSD Administration*

- Category set to *Automated Server Management*

- Target version set to *FreeBSD 9*