

GNU/Linux Administration - Bug #305

Problem Connecting to XMPP Server After Container Migration

01/15/2014 06:51 PM - Daniel Curtis

Status:	Closed	Start date:	01/15/2014
Priority:	Normal	Due date:	
Assignee:	Daniel Curtis	% Done:	100%
Category:	XMPP Server	Estimated time:	0.50 hour
Target version:		Spent time:	1.00 hour

Description

I encountered a problem after I moved the Unified Communications server to a new VPS hosting server using:

```
ssh old-vps.example.com
rsync -avhz -n /var/lib/lxc/container -e ssh root@new-vps.example.com:/var/lib/lxc/
```

Note: Remove the -n flag to enable the actual transfer, not a dry-run.

The first problem was that I had not updated the network information in the containers configuration at `/var/lib/lxc/container/config`. Even though this would normally be the issue, it did not solve the problem.

I received an error while starting prosody:

```
Error: Error loading included /etc/prosody/conf.d/localhost.cfg.lua: /etc/prosody/conf.d/localhost.cfg.lua: Permission denied
```

I noticed that the ownership of a few files and folders did not match the correct ones from the previous container:

```
ls -l /etc/prosody

drwxr-x--- 2 root ntp 4096 Dec 11 17:03 certs
drwxr-xr-- 2 root ntp 4096 Jan 15 17:05 conf.avail
drwxr-xr-- 2 root ntp 4096 Jan 15 17:07 conf.d
-rw-r--r 1 root root 353 Sep 27 2012 migrator.cfg.lua
-rw-r--r 1 root prosody 8096 Dec 11 17:02 prosody.cfg.lua
-rw-r--r 1 root root 292 Jul 30 2009 README
```

I fixed this by running:

```
chgrp prosody /etc/prosody/certs/
chgrp prosody /etc/prosody/conf.*
```

I then noticed that there were no records in `/var/lib/prosody`, so I went to add a user. Only to get an error:

```
prosodyctl adduser someuser@example.com
```

```
datamanager error Unable to write to accounts storage ('/var/lib/prosody/example%2ecom/accounts/someuser.dat:
Permission denied') for user: someuser@example.com
Error saving to storage
```

This happened because `/var/lib/prosody` had bad ownership as well, to fix this I ran:

```
chown prosody.prosody /var/lib/prosody
```

I added the user one more time, and restarted the server for good measure:

```
prosodyctl adduser someuser@example.com
service prosody restart
```

This restored the functionality of the XMPP service.

History

#1 - 02/07/2014 12:05 PM - Daniel Curtis

- Status changed from Resolved to Closed

#2 - 02/16/2015 02:09 PM - Daniel Curtis

- Project changed from 42 to GNU/Linux Administration

- Category set to XMPP Server