

GNU/Linux Administration - Bug #154

Error Connecting to New Virtualized Mail Server

08/01/2013 08:59 AM - Daniel Curtis

Status:	Closed	Start date:	08/01/2013
Priority:	Normal	Due date:	
Assignee:	Daniel Curtis	% Done:	100%
Category:	Mail Server	Estimated time:	0.30 hour
Target version:		Spent time:	3.00 hours
Description			
<p>I encountered a problem while migrating the physical in which I could not connect to the server using my mail client, Thunderbird. As the server is virtual and configured with a bare minimal OS there was no advanced logging facilities. So I installed rsyslog:</p>			
<pre>sudo apt-get install rsyslog</pre>			
<p>I found that Dovecot was not loading the mysql driver. So I looked to see if the package was installed:</p>			
<pre>dpkg -l dovecot-mysql</pre>			
<p>To find that the module was not installed, so I simply installed the package:</p>			
<pre>sudo apt-get install dovecot-mysql</pre>			
<p>This allowed normal connections to resume.</p>			

History

#1 - 08/01/2013 05:30 PM - Daniel Curtis

The problem kept happening, so I consulted the logfiles /var/log/syslog and /var/log/mail.err to find the following:

- /var/log/syslog

```
...
Aug 1 16:46:12 lxc-submail amavis3588: (03588-01) (!)connect_to_sql: unable to connect to DSN
'DBI:mysql:database=dbispconfig;host=127.0.0.1;port=3306': Can't connect to MySQL server on '127.0.0.1' (111)
Aug 1 16:46:12 lxc-submail amavis3588: (03588-01) (!)TROUBLE in process_request: connect_to_sql: unable to connect to any dataset at (eval
111) line 247.
Aug 1 16:46:12 lxc-submail amavis3588: (03588-01) (!)Requesting process rundown after fatal error
Aug 1 16:56:43 lxc-submail dovecot: lda: Fatal: Plugin 'sieve' not found from directory /usr/lib/dovecot/modules
Aug 1 17:01:14 lxc-submail postfix/trivial-rewrite4196: warning: connect to mysql server localhost: Can't connect to local MySQL server through
socket '/var/run/mysqld/mysqld.sock' (2)
Aug 1 17:01:14 lxc-submail postfix/trivial-rewrite4196: warning: mysql:/etc/postfix/mysql-virtual_relaydomains.cf: table lookup problem
...
```

- /var/log/mail.err

```
Aug 1 16:55:04 lxc-submail amavis3859: (03859-01) (!)TROUBLE in process_request: connect_to_sql: unable to connect to any dataset at (eval
111) line 247.
Aug 1 16:56:15 lxc-submail dovecot: lda: Fatal: Plugin 'sieve' not found from directory /usr/lib/dovecot/modules
```

The solution was actually a few things:

1. Install dovecot-sieve
2. Change postfix database location from 127.0.0.1 to localhost
3. Change amavis database location from 127.0.0.1 to localhost

1. Install dovecot-sieve

```
sudo apt-get install dovecot-sieve
```

2. Change postfix database location from 127.0.0.1 to localhost

```
perl -i -pe 's/hosts = 127.0.0.1$/hosts = localhost\n/' /etc/postfix/mysql-virtual_*.cf
/etc/init.d/postfix reload
```

3. Change amavis database location from 127.0.0.1 to localhost

- /etc/amavis/conf.d/50-user

```
@lookup_sql_dsn =
(['DBI:mysql:database=dbispconfig;host=localhost;port=3306', 'ispconfig', 'xxxxxxx'] );
```

#2 - 02/16/2015 02:23 PM - Daniel Curtis

- Project changed from 31 to GNU/Linux Administration

- Category set to Mail Server

- Private changed from Yes to No