

FreeNAS - Bug #39907

Fix Bacula plugin installation errors

07/27/2018 09:54 AM - Bonnie Follweiler

| | |
|---|----------------------------------|
| Status: Done | |
| Priority: No priority | |
| Assignee: Martin Wilke | |
| Category: Middleware | |
| Target version: 11.2-BETA3 | |
| Seen in: Master - FreeNAS Nightlies | Needs Merging: No |
| Severity: New | Needs Automation: No |
| Reason for Closing: | Support Suite Ticket: n/a |
| Reason for Blocked: | Hardware Configuration: |
| Needs QA: No | ChangeLog Required: No |
| Needs Doc: No | |
| Description | |
| This is in FreeNAS-11.2-MASTER-201807270859 (Build Date: Jul 27, 2018 12:10) | |
| I installed the plugin Bacula but during installation I got an error on my console screen (Screenshot provided) | |

History

#1 - 07/27/2018 09:55 AM - William Grzybowski

- Assignee changed from William Grzybowski to Martin Wilke

miwi, are you handling this plugin?

#2 - 07/31/2018 11:39 PM - Martin Wilke

- Status changed from Unscreened to In Progress

From the first look, it seems like DHCP failed, which also makes the database fail. I am going to retest.

#3 - 07/31/2018 11:54 PM - Martin Wilke

- Status changed from In Progress to Ready for Testing

Quick test

```
as followed iocage fetch -P -n ./bacula-server.json ip4_addr="igb0|10.20.20.246" boot=on
```

```
Fetching artifact...
Running post_install.sh
```

Command output:

```
postgresql_enable: -> YES
bacula_dir_enable: -> YES
bacula_fd_enable: -> YES
bacula_sd_enable: -> YES
```

The files belonging to this database system will be owned by user "pgsql".
This user must also own the server process.

The database cluster will be initialized with locale "C".
The default text search configuration will be set to "english".

Data page checksums are disabled.

```
creating directory /usr/local/pgsql/data ... ok
creating subdirectories ... ok
selecting default max_connections ... 100
selecting default shared_buffers ... 128MB
selecting dynamic shared memory implementation ... posix
creating configuration files ... ok
creating template1 database in /usr/local/pgsql/data/base/1 ... ok
initializing pg_authid ... ok
initializing dependencies ... ok
creating system views ... ok
loading system objects' descriptions ... ok
creating collations ... ok
creating conversions ... ok
creating dictionaries ... ok
setting privileges on built-in objects ... ok
creating information schema ... ok
loading PL/pgSQL server-side language ... ok
vacuuming database template1 ... ok
copying template1 to template0 ... ok
copying template1 to postgres ... ok
syncing data to disk ... ok
```

WARNING: enabling "trust" authentication for local connections
You can change this by editing pg_hba.conf or using the option -A, or
--auth-local and --auth-host, the next time you run initdb.

Success. You can now start the database server using:

```
/usr/local/bin/pg_ctl -D /usr/local/pgsql/data -l logfile start
```

```
LOG:  could not create IPv6 socket: Protocol not supported
LOG:  ending log output to stderr
HINT:  Future log output will go to log destination "syslog".
CREATE ROLE
CREATE DATABASE
ALTER ROLE
CREATE EXTENSION
LOG:  ending log output to stderr
HINT:  Future log output will go to log destination "syslog".
Starting bacula_dir.
Starting bacula_fd.
Starting bacula_sd.
Please save your Database Access in a safe place!
Database Name: bacula_production
Database User: bacula
Database Password: 3cJgZn3CxUXdlgu8
Documentation can be found at https://blog.bacula.org/documentation/documentation/.
The config files can be found at /usr/local/etc/bacula/.
```

After accessing the jail:

| USER | PID | %CPU | %MEM | VSZ | RSS | TT | STAT | STARTED | TIME | COMMAND |
|-------|-------|------|------|--------|-------|----|------|---------|---------|--|
| root | 82606 | 0.0 | 0.0 | 6420 | 2060 | - | SsJ | 06:48 | 0:00.00 | /usr/sbin/syslogd -c -ss |
| root | 82665 | 0.0 | 0.0 | 6464 | 2056 | - | IsJ | 06:48 | 0:00.00 | /usr/sbin/cron -J 15 -s |
| pgsql | 82862 | 0.0 | 0.0 | 162948 | 20304 | - | IsJ | 06:48 | 0:00.00 | postgres: checkpoint process (postgres) |
| pgsql | 82863 | 0.0 | 0.0 | 162948 | 20300 | - | SsJ | 06:48 | 0:00.01 | postgres: writer process (postgres) |
| pgsql | 82864 | 0.0 | 0.0 | 162948 | 20348 | - | SsJ | 06:48 | 0:00.00 | postgres: wal writer process (postgres) |
| pgsql | 82865 | 0.0 | 0.0 | 162948 | 20620 | - | SsJ | 06:48 | 0:00.00 | postgres: autovacuum launcher process (postgres) |
| pgsql | 82866 | 0.0 | 0.0 | 17924 | 9588 | - | SsJ | 06:48 | 0:00.01 | postgres: stats collector process (postgres) |
| root | 82882 | 0.0 | 0.0 | 14092 | 5592 | - | IsJ | 06:48 | 0:00.01 | /usr/local/sbin/bacula-fd -u root -g wheel -v -c /usr/local/etc/bacula/bacula-fd.conf |
| root | 82888 | 0.0 | 0.0 | 14260 | 6084 | - | IsJ | 06:48 | 0:00.01 | /usr/local/sbin/bacula-sd -u bacula -g bacula -v -c /usr/local/etc/bacula/bacula-sd.conf |
| pgsql | 82860 | 0.0 | 0.0 | 162948 | 20304 | 2 | SJ | 06:48 | 0:00.03 | /usr/local/bin/postgres -D /usr/local/pgsql/data |
| root | 82943 | 0.0 | 0.0 | 7488 | 3284 | 2 | SJ | 06:50 | 0:00.01 | /bin/csh -i |
| root | 82947 | 0.0 | 0.0 | 6992 | 2296 | 2 | R+J | 06:50 | 0:00.00 | ps aux |

Everything looks correct and works as expected. Please retest.

#4 - 08/01/2018 06:33 AM - Bonnie Follweiler

- File *bacula_again.jpeg* added
- Status changed from *Ready for Testing* to *Failed Testing*

I don't know if this makes a difference but I am installing from the new GUI.
I upgraded my minixl to FreeNAS-11.2-MASTER-201808010851
(Build Date: Aug 1, 2018 12:2)

#5 - 08/01/2018 06:40 AM - Dru Lavigne

- Target version changed from *Backlog* to *11.2-BETA3*

#6 - 08/01/2018 10:54 PM - Martin Wilke

Hi,

Here is a pull request which fix the database issue, and address the wrong permission for the bacula.log
<https://github.com/freenas/iocage-plugin-bacula-server/pull/4>

Please notes: below output can be safely ignored,

```
Aug  2 05:46:46 bacula-server postgres[18892]: [5-1] ERROR:  role "bacula" already exists
Aug  2 05:46:46 bacula-server postgres[18892]: [5-2] STATEMENT:  create user bacula ;
Aug  2 05:46:47 bacula-server bacula-dir: 02-Aug 05:46  Message delivery ERROR: fopen /var/log/bacula.log failed: ERR=Permission denied
```

#7 - 08/01/2018 10:55 PM - Martin Wilke

- Status changed from *Failed Testing* to *Ready for Testing*

#8 - 08/02/2018 09:43 AM - Dru Lavigne

- Subject changed from *When I install the Bacula plug in I get an "Fatal" error on my console* to *Fix Bacula plugin installation errors*
- Needs Doc changed from *Yes* to *No*
- Needs Merging changed from *Yes* to *No*

#9 - 08/29/2018 12:24 PM - Bonnie Follweiler

- Status changed from *Ready for Testing* to *Passed Testing*

Test Passed in FreeNAS-11.2-MASTER-201808290900

#10 - 08/29/2018 12:26 PM - Dru Lavigne

- Status changed from *Passed Testing* to *Done*
- Needs QA changed from *Yes* to *No*

Files

| | | | |
|-------------------|---------|------------|-------------------|
| bacula.jpg | 1.47 MB | 07/27/2018 | Bonnie Follweiler |
| bacula_again.jpeg | 1.7 MB | 08/01/2018 | Bonnie Follweiler |