

OpenNebula - Bug #5225

onedb upgrade errors (migrator scripts)

07/11/2017 08:05 AM - Stefan Kooman

Status:	Closed	Start date:	07/11/2017
Priority:	High	Due date:	
Assignee:	Javi Fontan	% Done:	0%
Category:	Core & System	Estimated time:	0.00 hour
Target version:	Release 5.4	Pull request:	
Resolution:	fixed		
Affected Versions:	Development		

Description

Trying to upgrade OpenNebula 5.2 to 5.4-RC1 I get the following errors:

```
||| Running migrators for shared tables
```

Database migrated from 5.2.0 to 5.3.80 (OpenNebula 5.3.80) by onedb command.

```
||| Running migrators for local tables
```

mysql2::Error: You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'sql MEDIUMTEXT, timestamp INTEGER)' at line 1

```
/var/lib/gems/2.3.0/gems/mysql2-0.4.6/lib/mysql2/client.rb:120:in `_query'  
/var/lib/gems/2.3.0/gems/mysql2-0.4.6/lib/mysql2/client.rb:120:in `block in query'  
/var/lib/gems/2.3.0/gems/mysql2-0.4.6/lib/mysql2/client.rb:119:in `handle_interrupt'  
/var/lib/gems/2.3.0/gems/mysql2-0.4.6/lib/mysql2/client.rb:119:in `query'  
/usr/lib/ruby/vendor_ruby/sequel/adapters/mysql2.rb:80:in `block in _execute'  
/usr/lib/ruby/vendor_ruby/sequel/database/logging.rb:35:in `log_yield'  
/usr/lib/ruby/vendor_ruby/sequel/adapters/mysql2.rb:80:in `_execute'  
/usr/lib/ruby/vendor_ruby/sequel/adapters/shared/mysql_prepared_statements.rb:36:in `block in execute'  
/usr/lib/ruby/vendor_ruby/sequel/database/connecting.rb:251:in `block in synchronize'  
/usr/lib/ruby/vendor_ruby/sequel/connection_pool/threaded.rb:105:in `hold'  
/usr/lib/ruby/vendor_ruby/sequel/database/connecting.rb:251:in `synchronize'  
/usr/lib/ruby/vendor_ruby/sequel/adapters/shared/mysql_prepared_statements.rb:36:in `execute'  
/usr/lib/ruby/vendor_ruby/sequel/adapters/mysql2.rb:59:in `execute_dui'  
/usr/lib/ruby/vendor_ruby/sequel/database/query.rb:45:in `execute_ddl'  
/usr/lib/ruby/vendor_ruby/sequel/database/query.rb:78:in `run'  
/usr/lib/one/ruby/onedb/database_schema.rb:98:in `create_table'  
/usr/lib/one/ruby/onedb/local/4.90.0_to_5.3.80.rb:185:in `feature_4809'  
/usr/lib/one/ruby/onedb/local/4.90.0_to_5.3.80.rb:49:in `up'  
/usr/lib/one/ruby/onedb/onedb.rb:232:in `apply_migrators'  
/usr/lib/one/ruby/onedb/onedb.rb:179:in `upgrade'  
/usr/bin/onedb:323:in `block (2 levels) in <main>'  
/usr/lib/one/ruby/cli/command_parser.rb:449:in `run'  
/usr/lib/one/ruby/cli/command_parser.rb:76:in `initialize'  
/usr/bin/onedb:228:in `new'  
/usr/bin/onedb:228:in `<main>'
```

This seems to be related to "sql-mode" in MySQL server. Disabling script:

```
#sql-mode =
```

STRICT_TRANS_TABLES,ERROR_FOR_DIVISION_BY_ZERO,NO_AUTO_CREATE_USER,NO_AUTO_VALUE_ON_ZERO,NO_ENGINE_SUBSTITUTION,NO_ZERO_DATE,NO_ZERO_IN_DATE,ONLY_FULL_GROUP_BY

Gives the following error message:

```
||| Running migrators for shared tables
```

Database migrated from 5.2.0 to 5.3.80 (OpenNebula 5.3.80) by onedb command.

```
||| Running migrators for local tables
```

Mysql2::Error: Table 'vmgroup_pool' already exists

```
/var/lib/gems/2.3.0/gems/mysql2-0.4.6/lib/mysql2/client.rb:120:in `_query'  
/var/lib/gems/2.3.0/gems/mysql2-0.4.6/lib/mysql2/client.rb:120:in `block in query'  
/var/lib/gems/2.3.0/gems/mysql2-0.4.6/lib/mysql2/client.rb:119:in `handle_interrupt'  
/var/lib/gems/2.3.0/gems/mysql2-0.4.6/lib/mysql2/client.rb:119:in `query'  
/usr/lib/ruby/vendor_ruby/sequel/adapters/mysql2.rb:80:in `block in _execute'  
/usr/lib/ruby/vendor_ruby/sequel/database/logging.rb:35:in `log_yield'  
/usr/lib/ruby/vendor_ruby/sequel/adapters/mysql2.rb:80:in `_execute'  
/usr/lib/ruby/vendor_ruby/sequel/adapters/shared/mysql_prepared_statements.rb:36:in `block in execute'  
/usr/lib/ruby/vendor_ruby/sequel/database/connecting.rb:251:in `block in synchronize'  
/usr/lib/ruby/vendor_ruby/sequel/connection_pool/threaded.rb:105:in `hold'  
/usr/lib/ruby/vendor_ruby/sequel/database/connecting.rb:251:in `synchronize'  
/usr/lib/ruby/vendor_ruby/sequel/adapters/shared/mysql_prepared_statements.rb:36:in `execute'  
/usr/lib/ruby/vendor_ruby/sequel/adapters/mysql2.rb:59:in `execute_dui'  
/usr/lib/ruby/vendor_ruby/sequel/database/query.rb:45:in `execute_ddl'  
/usr/lib/ruby/vendor_ruby/sequel/database/query.rb:78:in `run'  
/usr/lib/one/ruby/onedb/database_schema.rb:98:in `create_table'  
/usr/lib/one/ruby/onedb/local/4.90.0_to_5.3.80.rb:142:in `feature_2347'  
/usr/lib/one/ruby/onedb/local/4.90.0_to_5.3.80.rb:45:in `up'  
/usr/lib/one/ruby/onedb/onedb.rb:232:in `apply_migrators'  
/usr/lib/one/ruby/onedb/onedb.rb:179:in `upgrade'  
/usr/bin/onedb:323:in `block (2 levels) in <main>'  
/usr/lib/one/ruby/cli/command_parser.rb:449:in `run'  
/usr/lib/one/ruby/cli/command_parser.rb:76:in `initialize'  
/usr/bin/onedb:228:in `new'  
/usr/bin/onedb:228:in `<main>'
```

The database will be restored

Related issues:

Related to Bug # 4904: "onedb upgrade" and "onedb restore" do not correctly r...

Closed

11/07/2016

Associated revisions

Revision c4662c0b - 07/11/2017 02:14 PM - Javi Fontan

B #5225: bug in fsck cluster_vnc_bitmap

Revision 1448e1df - 07/11/2017 03:33 PM - Javi Fontan

B #5225: schema for logdb was not updated

Revision 8257b5b8 - 07/12/2017 03:11 PM - Javi Fontan

B #5225: delete tables before creating them

History

#1 - 07/11/2017 08:12 AM - Stefan Kooman

- File *ruby_list* added
- File *ruby_gem_list* added

Environment: Ubuntu 16.04.2 LTS, MySQL server 5.7.18-0ubuntu0.16.04.1, see for ruby related packages / gem list the attached files.

#2 - 07/11/2017 08:37 AM - Ruben S. Montero

- Category set to *Core & System*
- Status changed from *Pending* to *New*
- Assignee set to *Javi Fontan*
- Target version set to *Release 5.4*

#3 - 07/11/2017 10:31 AM - Javi Fontan

I am not able to replicate the first error. Have you enable strict mode manually?

We are already looking at the second error, it should be this one #4904.

#4 - 07/11/2017 11:31 AM - Stefan Kooman

@Javi: Yes, the first one is related to SQL strict mode:

This seems to be related to "sql-mode" in MySQL server. Disabling strict:

```
#sql-mode =
```

```
STRICT_TRANS_TABLES,ERROR_FOR_DIVISION_BY_ZERO,NO_AUTO_CREATE_USER,NO_AUTO_VALUE_ON_ZERO,NO_ENGINE_SUBSTITUTION,  
TUTION,NO_ZERO_DATE,NO_ZERO_IN_DATE,ONLY_FULL_GROUP_BY
```

If I drop tables "vmgroup_pool" and "logdb" after a "restore" I can succesfully upgrade. However, onedb fsck gives:

Cluster 100 has not the proper reserved VNC ports

mysql2::Error: Unknown column 'oid' in 'where clause'

```
/var/lib/gems/2.3.0/gems/mysql2-0.4.8/lib/mysql2/client.rb:120:in `_query'  
/var/lib/gems/2.3.0/gems/mysql2-0.4.8/lib/mysql2/client.rb:120:in `block in query'  
/var/lib/gems/2.3.0/gems/mysql2-0.4.8/lib/mysql2/client.rb:119:in `handle_interrupt'  
/var/lib/gems/2.3.0/gems/mysql2-0.4.8/lib/mysql2/client.rb:119:in `query'  
/usr/lib/ruby/vendor_ruby/sequel/adapters/mysql2.rb:80:in `block in _execute'  
/usr/lib/ruby/vendor_ruby/sequel/database/logging.rb:35:in `log_yield'  
/usr/lib/ruby/vendor_ruby/sequel/adapters/mysql2.rb:80:in `_execute'  
/usr/lib/ruby/vendor_ruby/sequel/adapters/shared/mysql2_prepared_statements.rb:36:in `block in execute'  
/usr/lib/ruby/vendor_ruby/sequel/database/connecting.rb:251:in `block in synchronize'
```

```
/usr/lib/ruby/vendor_ruby/sequel/connection_pool/threaded.rb:101:in `hold'  
/usr/lib/ruby/vendor_ruby/sequel/database/connecting.rb:251:in `synchronize'  
/usr/lib/ruby/vendor_ruby/sequel/adapters/shared/mysql_prepared_statements.rb:36:in `execute'  
/usr/lib/ruby/vendor_ruby/sequel/adapters/mysql2.rb:59:in `execute_dui'  
/usr/lib/ruby/vendor_ruby/sequel/dataset/actions.rb:963:in `execute_dui'  
/usr/lib/ruby/vendor_ruby/sequel/dataset/actions.rb:809:in `update'  
/usr/lib/one/ruby/onedb/fsck/cluster_vnc_bitmap.rb:35:in `block (2 levels) in fix_cluster_vnc_bitmap'  
/usr/lib/one/ruby/onedb/fsck/cluster_vnc_bitmap.rb:34:in `each'  
/usr/lib/one/ruby/onedb/fsck/cluster_vnc_bitmap.rb:34:in `block in fix_cluster_vnc_bitmap'  
/usr/lib/ruby/vendor_ruby/sequel/database/transactions.rb:136:in `_transaction'  
/usr/lib/ruby/vendor_ruby/sequel/database/transactions.rb:110:in `block in transaction'  
/usr/lib/ruby/vendor_ruby/sequel/database/connecting.rb:251:in `block in synchronize'  
/usr/lib/ruby/vendor_ruby/sequel/connection_pool/threaded.rb:105:in `hold'  
/usr/lib/ruby/vendor_ruby/sequel/database/connecting.rb:251:in `synchronize'  
/usr/lib/ruby/vendor_ruby/sequel/database/transactions.rb:99:in `transaction'  
/usr/lib/one/ruby/onedb/fsck/cluster_vnc_bitmap.rb:33:in `fix_cluster_vnc_bitmap'  
/usr/lib/one/ruby/onedb/fsck.rb:365:in `fsck'  
/usr/lib/one/ruby/onedb/onedb.rb:280:in `fsck'  
/usr/bin/onedb:397:in `block (2 levels) in <main>'  
/usr/lib/one/ruby/cli/command_parser.rb:449:in `run'  
/usr/lib/one/ruby/cli/command_parser.rb:76:in `initialize'  
/usr/bin/onedb:286:in `new'  
/usr/bin/onedb:286:in `<main>'
```

Error running fsck version 5.3.80

#5 - 07/12/2017 02:31 PM - Javi Fontan

- Related to Bug #4904: "onedb upgrade" and "onedb restore" do not correctly restore database added

#6 - 07/12/2017 03:16 PM - Javi Fontan

- Status changed from New to Closed

- Resolution set to fixed

Files

ruby_list	5.6 KB	07/11/2017	Stefan Kooman
ruby_gem_list	1.05 KB	07/11/2017	Stefan Kooman