OpenNebula - Bug #4884
onedb fsck crash following migration from 4.14.1 to 5.2.0

10/27/2016 08:48 AM - Richard Stevenson

Status:	Closed		**Start date:**	10/27/2016
Priority:	Normal		**Due date:**	
Assignee:			**% Done:**	0%
Category:			**Estimated time:**	0.00 hour
Target version:				
Resolution:	duplicate		**Pull request:**	
Affected Versions:	OpenNebula 5.2			

Description

Following a onedb upgrade, onedb fsck fails with the following trace. Logs of full db upgrade also attached.

undefined method `content' for nil:NilClass
/usr/lib/one/ruby/onedb/fsck.rb:2640:in `get_image_from_name'
/usr/lib/one/ruby/onedb/fsck.rb:2607:in `block in get_disk_id'
/usr/share/gems/gems/nokogiri-1.6.1/lib/nokogiri/xml/node_set.rb:237:in `block in each'
/usr/share/gems/gems/nokogiri-1.6.1/lib/nokogiri/xml/node_set.rb:236:in `upto'
/usr/share/gems/gems/nokogiri-1.6.1/lib/nokogiri/xml/node_set.rb:236:in `each'
/usr/lib/one/ruby/onedb/fsck.rb:2602:in `each_with_index'
/usr/lib/one/ruby/onedb/fsck.rb:2602:in `get_disk_id'
/usr/lib/one/ruby/onedb/fsck.rb:2158:in `block (3 levels) in fsck'
/usr/lib/one/ruby/onedb/fsck.rb:2144:in `each'
/usr/lib/one/ruby/onedb/fsck.rb:2144:in `block (2 levels) in fsck'
/usr/local/share/gems/gems/sequel-4.22.0/lib/sequel/dataset/actions.rb:139:in `block in each'
/usr/local/share/gems/gems/sequel-4.22.0/lib/sequel/adapters/sqlite.rb:334:in `block (2 levels) in fetch_rows'
/usr/local/share/gems/gems/sqlite3-1.3.10/lib/sqlite3/resultset.rb:138:in `each'
/usr/local/share/gems/gems/sequel-4.22.0/lib/sequel/adapters/sqlite.rb:325:in `block in fetch_rows'
/usr/local/share/gems/gems/sqlite3-1.3.10/lib/sqlite3/database.rb:269:in `query'
/usr/local/share/gems/gems/sequel-4.22.0/lib/sequel/adapters/sqlite.rb:185:in `block (2 levels) in _execute'
/usr/local/share/gems/gems/sequel-4.22.0/lib/sequel/database/logging.rb:33:in `log_yield'
/usr/local/share/gems/gems/sequel-4.22.0/lib/sequel/adapters/sqlite.rb:185:in `block in _execute'
/usr/local/share/gems/gems/sequel-4.22.0/lib/sequel/database/connecting.rb:250:in `block in synchronize'
/usr/local/share/gems/gems/sequel-4.22.0/lib/sequel/connection_pool/threaded.rb:95:in `hold'
/usr/local/share/gems/gems/sequel-4.22.0/lib/sequel/database/connecting.rb:250:in `synchronize'
/usr/local/share/gems/gems/sequel-4.22.0/lib/sequel/adapters/sqlite.rb:178:in `_execute'
/usr/local/share/gems/gems/sequel-4.22.0/lib/sequel/adapters/sqlite.rb:128:in `execute'
/usr/local/share/gems/gems/sequel-4.22.0/lib/sequel/dataset/actions.rb:921:in `execute'
/usr/local/share/gems/gems/sequel-4.22.0/lib/sequel/adapters/sqlite.rb:319:in `fetch_rows'
/usr/local/share/gems/gems/sequel-4.22.0/lib/sequel/dataset/actions.rb:139:in `each'
/usr/lib/one/ruby/onedb/fsck.rb:2121:in `block in fsck'
/usr/local/share/gems/gems/sequel-4.22.0/lib/sequel/database/transactions.rb:134:in `_transaction'
/usr/local/share/gems/gems/sequel-4.22.0/lib/sequel/database/transactions.rb:108:in `block in transaction'
/usr/local/share/gems/gems/sequel-4.22.0/lib/sequel/database/connecting.rb:250:in `block in synchronize'
/usr/local/share/gems/gems/sequel-4.22.0/lib/sequel/connection_pool/threaded.rb:99:in `hold'
/usr/local/share/gems/gems/sequel-4.22.0/lib/sequel/database/connecting.rb:250:in `synchronize'
/usr/local/share/gems/gems/sequel-4.22.0/lib/sequel/database/transactions.rb:97:in `transaction'
/usr/lib/one/ruby/onedb/fsck.rb:2120:in `fsck'
/usr/lib/one/ruby/onedb/onedb.rb:280:in `fsck'
/bin/onedb:329:in `block (2 levels) in <main>'
/usr/lib/one/ruby/cli/command_parser.rb:449:in `call'

/usr/lib/one/ruby/cli/command_parser.rb:449:in `run'

/usr/lib/one/ruby/cli/command_parser.rb:76:in `initialize'

/bin/onedb:222:in `new'

/bin/onedb:222:in `<main>'

Related issues:

Duplicates Bug # 4895: onedb fsck breaks with volatile disks	**Closed**	**11/03/2016**

History

#1 - 10/27/2016 08:52 AM - Richard Stevenson

This could be a side effect of the gem installation failing prior to this step of the upgrade:

Fetching: bundler-1.13.6.gem (100%)

Successfully installed bundler-1.13.6

Parsing documentation for bundler-1.13.6

Installing ri documentation for bundler-1.13.6

1 gem installed

lsb_release command not found. If you are using a RedHat based

distribution install redhat-lsb

Select your distribution or press enter to continue without

installing dependencies.

0. Ubuntu/Debian

1. CentOS/RedHat/Scientific

1

Distribution "redhat" detected.

About to install these dependencies:

  - ruby-devel

  - make

Press enter to continue...

yum install ruby-devel make

Loaded plugins: fastestmirror

Loading mirror speeds from cached hostfile * base: centos.hyve.com * centosplus: centos.hyve.com * epel: mirrors.coreix.net * extras: centos.hyve.com

* updates: mirror.sov.uk.goscomb.net

Package ruby-devel-2.0.0.598-25.el7_1.x86_64 already installed and latest version

Package 1:make-3.82-21.el7.x86_64 already installed and latest version

Nothing to do

sh: bundler: command not found

Error installing gems

#2 - 10/27/2016 09:30 AM - Richard Stevenson

Tried again, this time with the 'rubygem-bundler' package installed from centos 7 base (1.7.8-3.el7). Still the same stack trace from onedb fsck.

#3 - 11/03/2016 06:39 PM - Javi Fontan

I've just fixed the fsck problem in this issue:

http://dev.opennebula.org/issues/4895

Do you still have problems with install_gems?

#4 - 08/29/2017 03:11 PM - Javi Fontan

- Duplicates Bug #4895: onedb fsck breaks with volatile disks added

#5 - 08/29/2017 03:11 PM - Javi Fontan

- Status changed from Pending to Closed

- Resolution set to duplicate

Files

onedb_failed_db_migration.txt	8.03 KB	10/27/2016	Richard Stevenson

http://dev.opennebula.org/issues/4895

Do you still have problems with install_gems?