Installer - Bug #27826

Disk space check during mongo storage upgrade to wiredtiger failing and dropping database

09/11/2019 04:14 AM - Chris Roberts

Status:	Closed		
Priority:	High		
Assignee:	Chris Roberts		
Category:	foreman-installer script		
Target version:	1.24.0		
Difficulty:	easy	**Fixed in Releases:**	1.24.0
Triaged:	Yes	**Found in Releases:**	
Bugzilla link:	1715898	**Red Hat JIRA:**	
Pull request:	https://github.com/theforeman/foreman-installer/pull/388		

Description

Running:

satellite-installer --upgrade-mongo-storage-engine

When this happens:

2019-05-29T15:59:51.497-0400   Failed: error writing data for collection `pulp_database.units_rpm` to disk: error writing to file: write /var/tmp/mongodb_engine_upgrade/pulp_database/units_rpm.bson: no space left on device
mongodump --host localhost --out /var/tmp/mongodb_engine_upgrade failed! Check the output for error!

Then immediately followed by:

mv: error writing '/var/tmp/mongodb_backup/diagnostic.data/metrics.2019-05-28T14-59-39Z-00000': No space left on device
mv: failed to extend '/var/tmp/mongodb_backup/diagnostic.data/metrics.2019-05-28T14-59-39Z-00000': No space left on device
mv /var/lib/mongodb/* /var/tmp/mongodb_backup failed! Check the output for error!
sed -i.bak -e 's/mmapv1/wiredTiger/g' /etc/opt/rh/rh-mongodb34/mongod.conf finished successfully!
mv: cannot create regular file '/var/tmp/mongodb_backup/mongod.conf.bak': No space left on device
mv /etc/opt/rh/rh-mongodb34/mongod.conf.bak /var/tmp/mongodb_backup failed! Check the output for error!

Then:

mongorestore --host localhost --db=pulp_database --drop --quiet --dir=/var/tmp/mongodb_engine_upgrade/pulp_database failed!
Check the output for error!

Result is no database.

Expectations:

1. There should be a check and warning that space is required in /var/tmp/mongodb_backup to hold the database
2. A mongorestore with --drop should ONLY be attempted if the prior steps complete successfully

Where are you experiencing the behavior? What environment?

Satellite 6.5 upgrading to wiredtiger

Associated revisions

Revision 37767cf6 - 09/12/2019 12:53 AM - Chris Roberts

Fixes #27826 - Update Mongo upgrade recovery logic

History

#1 - 09/11/2019 04:16 AM - The Foreman Bot

- Status changed from New to Ready For Testing

- Pull request https://github.com/theforeman/foreman-installer/pull/388 added

#2 - 09/12/2019 12:53 AM - The Foreman Bot

- Fixed in Releases 1.24.0 added

#3 - 09/12/2019 12:55 AM - Chris Roberts

- Status changed from Ready For Testing to Closed

- Target version set to 1.24.0

- Triaged changed from No to Yes