Katello - Bug #23107

katello-restore is not properly restoring the incremental backup

04/03/2018 04:15 PM - Christine Fouant

Status:	Closed		
Priority:	High		
Assignee:	Christine Fouant		
Category:	Backup & Restore		
Target version:	Katello 3.7.0		
Difficulty:		**Fixed in Releases:**	
Triaged:		**Found in Releases:**	
Bugzilla link:	1497858	**Red Hat JIRA:**	
Pull request:	https://github.com/theforeman/foreman-packaging/pull/2311		

Description

Cloned from https://bugzilla.redhat.com/show_bug.cgi?id=1497858

Description of problem:
When restoring (using katello-restore) a full backup taken via katello-backup, the full backup is correctly restored. And according to the documentation, we should then re-run katello-restore for each incremental directory.

Looking at the katello-restore script logic, we can see that reset_katello is run every time. This would drop the database and make them unusable after restoring an incremental.

This issue is happening with the offline backup, which is the default behavior of katello-backup.

Version-Release number of selected component (if applicable):
6.2

How reproducible:
100%

Steps to Reproduce:
1. Take a full backup   # katello-backup /backup

2. Once the full backup is finished, run an incremental   # katello-backup /backup --incremental /backup/katello-backup-2017-10-02T14\:13\:51-04\:00/

3. Restore the full backup   # katello-restore /backup/katello-backup-2017-10-02T14\:13\:51-04\:00/

4. Restore the incremental backup   # katello-restore /backup/katello-backup-2017-10-02T14\:40\:29-04\:00/

Actual results:
Broken postgresql database.

FATAL: database "foreman" does not exist
DETAIL: The database subdirectory "base/41146" is missing.
Run `$ bin/rake db:create db:migrate` to create your database (ActiveRecord::NoDatabaseError)

Expected results:
Have the full backup and incremental to get restored correctly in a consistent state.

Additional info:
When decompressing the database archive manually (pgsql_data.tar.gz) one after the other, the postgresql database is restored to a working state.

History

#1 - 04/03/2018 04:17 PM - The Foreman Bot

- Status changed from New to Ready For Testing

- Pull request https://github.com/theforeman/foreman-packaging/pull/2311 added

#2 - 04/04/2018 05:35 PM - John Mitsch

- translation missing: en.field_release set to 338

#3 - 06/27/2018 05:34 PM - Eric Helms

- Status changed from Ready For Testing to Closed