Foreman Maintain - Bug #30234

Upgrade from 6.3 to 6.4, PostgreSQL is removed during the upgrade process.

06/29/2020 07:01 AM - Kavita Gaikwad

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Kavita Gaikwad</td>
</tr>
<tr>
<td>Category:</td>
<td></td>
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<tr>
<td>Target version:</td>
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<td>Difficulty:</td>
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<td>Pull request:</td>
<td><a href="https://github.com/theforeman/foreman_maintain/pull/366">https://github.com/theforeman/foreman_maintain/pull/366</a></td>
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<tr>
<td>Triaged:</td>
<td>No</td>
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<td>Bugzilla link:</td>
<td>1669498</td>
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<tr>
<td>Fixed in Releases:</td>
<td></td>
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<td>Found in Releases:</td>
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Description
Cloned from https://bugzilla.redhat.com/show_bug.cgi?id=1669498

Description of problem:
Upgrading from 6.3 to 6.4, PostgreSQL is removed by foreman-maintain if the 'clean_requirements_on_remove' is enabled on yum.conf

Version-Release number of selected component (if applicable):
6.3.5

How reproducible:
Upgrade Satellite 6.3.5 to 6.4.x

Steps to Reproduce:
1. On the /etc/yum.conf add the option 'clean_requirements_on_remove=1'
2. Try to upgrade the Satellite using the foreman-maintain
3. It will fail as PostgreSQL is removed

Actual results:
The PostgreSQL is removed and the upgrade fails.

Expected results:
The PostgreSQL would not be removed during the upgrade.

Additional info:
Below an output from a reproducer.
Note: The PostgreSQL is removed during the 'yum upgrade step'

~~~
[root@sat632 ~]# foreman-maintain upgrade run --target-version 6.4 --whitelist="disk-performance"
Running Checks before upgrading to Satellite 6.4
====================================================================================================
Check for verifying syntax for ISP DHCP configurations: [SKIPPED]
DHCP feature is not enabled
====================================================================================================
Check whether all services are running: [OK]
====================================================================================================
Check whether all services are running using hammer ping: [OK]
====================================================================================================
Check for paused tasks: [OK]
====================================================================================================
03/26/2022
Check to validate candlepin database: [OK]

Check if EPEL repository enabled on system: Checking for presence of EPEL repository [OK]

Check for running tasks: [OK]

Check for old tasks in paused/stopped state: [OK]

Check for pending tasks which are safe to delete: [OK]

Check for tasks in planning state: [OK]

Check for recommended disk speed of pulp, mongod, pgsql dir.: [SKIPPED]

Check whether reports have correct associations: [OK]

Verify puppet and provide upgrade guide for it:
- current puppet version: [OK]

Validate availability of repositories:
- Validating availability of repositories for 6.4 [OK]

The pre-upgrade checks indicate that the system is ready for upgrade.
It's recommended to perform a backup at this stage.

Running Procedures before migrating to Satellite 6.4

Turn on maintenance mode: [OK]

disable active sync plans: Total 0 sync plans are now disabled. [OK]

Stop applicable services:
Stopping the following service(s):
  mongod, postgresql, qdrouterd, qpidd, squid, pulp_celerybeat, pulp_resource_manager, pulp_streamer, pulp_workers, smart_proxy_dynflow_core, tomcat, foreman-tasks, httpd, puppetserver, foreman-proxy | stopping foreman-proxy
  Redirecting to /bin/systemctl stop foreman-proxy.service
  / stopping puppetserver
  Redirecting to /bin/systemctl stop puppetserver.service
  - stopping httpd
  Redirecting to /bin/systemctl stop httpd.service
  / stopping foreman-tasks
  Redirecting to /bin/systemctl stop foreman-tasks.service
  \ stopping tomcat
  Redirecting to /bin/systemctl stop tomcat.service | stopping smart_proxy_dynflow_core
  Redirecting to /bin/systemctl stop smart_proxy_dynflow_core.service
  / stopping pulp_workers
  Redirecting to /bin/systemctl stop pulp_workers.service
  - stopping pulp_streamer
  Redirecting to /bin/systemctl stop pulp_streamer.service | stopping pulp_resource_manager
  Redirecting to /bin/systemctl stop pulp_resource_manager.service | stopping pulp_celerybeat
  Redirecting to /bin/systemctl stop pulp_celerybeat.service
  - stopping squid
  Redirecting to /bin/systemctl stop squid.service | stopping qpidd
  Redirecting to /bin/systemctl stop qpidd.service
  / stopping qdrouterd
  Redirecting to /bin/systemctl stop qdrouterd.service | stopping postgresql
  Redirecting to /bin/systemctl stop postgresql.service | stopping mongod
  Redirecting to /bin/systemctl stop mongod.service
  / All services stopped [OK]

Running Migration scripts to Satellite 6.4

Setup repositories: Configuring repositories for 6.4 [OK]
Update package(s):  
Loaded plugins: product-id, search-disabled-repos, subscription-manager
https://cdn.redhat.com/content/dist/rhel/server/7/7Server/x86_64/ansible/2.6/os/repodata/repomd.xml: [Errno 12] Timeout on after 30001 milliseconds
Trying other mirror.
https://cdn.redhat.com/content/dist/rhel/server/7/7Server/x86_64/ansible/2.6/os/repodata/repomd.xml: [Errno 12] Timeout on after 30001 milliseconds
Trying other mirror.
https://cdn.redhat.com/content/dist/rhel/server/7/7Server/x86_64/ansible/2.6/os/repodata/repomd.xml: [Errno 12] Timeout on after 30001 milliseconds
Trying other mirror.
```
rhel-7-server-ansible-2.6-rpms                                                                                                                                         | 4.1 kB  00:00:00
rhel-7-server-rpms                                                                                                                                                     | 3.5 kB  00:00:00
rhel-7-server-satellite-6.4-rpms                                                                                                                                       | 3.8 kB  00:00:00
rhel-7-server-satellite-maintenance-6-rpms                                                                                                                             | 3.8 kB  00:00:00
rhel-7-server-satellite-tools-6.4-rpms                                                                                                                                 | 3.8 kB
rhel-server-rhscl-7-rpms                                                                                                                                               | 3.5 kB  00:00:00
(1/18): rhel-7-server-ansible-2.6-rpms/x86_64/updateinfo                                                                                                               |  12  kB  00:00:00
(2/18): rhel-7-server-rpms/7Server/x86_64/group                                                                                                                        | 856 kB  00:00:00
(3/18): rhel-7-server-ansible-2.6-rpms/x86_64/primary_db                                                                                                               |  15  kB  00:00:01
(4/18): rhel-7-server-satellite-6.4-rpms/x86_64/group                                                                                                                  |  5.5 kB  00:00:00
(5/18): rhel-7-server-rpms/7Server/x86_64/updateinfo                                                                                                                   |  3.1 MB  00:00:02
(6/18): rhel-7-server-satellite-6.4-rpms/x86_64/updateinfo                                                                                                             |  36  kB  00:00:01
(7/18): rhel-7-server-satellite-6.4-rpms/x86_64/primary_db                                                                                                             | 202 kB  00:00:00
(8/18): rhel-7-server-satellite-maintenance-6-rpms/x86_64/group                                                                                                        | 104 B  00:00:00
(9/18): rhel-7-server-satellite-maintenance-6-rpms/x86_64/updateinfo                                                                                                   | 7.9 kB  00:00:00
```
== ommited output ==

tfm-rubygem-polyglot noarch 0.3.5-2.el7sa
| 6.9 k
| 1.0.0-1.el7sa
| 7.3 k
| 0.4.4.1-5.el
| 85 k

Updating for dependencies:

python-pulp-rpm-common
| 2.16.4.1-5.el
| 74 k
| 1.2.1-2.el7sa
| 18 k

Removing for dependencies:

 insn postgresql-server
| 9.2.24-1.el7
| 16 M

Transaction Summary
====================================================================================================
==========================================================================================
Install   12 Packages (114 Dependent packages)
Upgrade  243 Packages ( 2 Dependent packages)

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Remove (1 Dependent package)

Total download size: 411 M

Downloading packages:
- No Presto metadata available for rhel-7-server-rpms
- No Presto metadata available for rhel-7-server-satellite-maintenance-6-rpms
- No Presto metadata available for rhel-7-server-satellite-6.4-rpms

^C

Exiting on user cancel

[FAIL]
Failed executing yum update, exit status 1


The following steps ended up in failing state:

[packages-update]

Resolve the failed steps and rerun the command. In case the failures are false positives, use --whitelist="packages-update"

Associated revisions
Revision a976ff5d - 09/11/2020 09:57 AM - Kavita Gaikwad
Fixes #30234 - validate yum.conf options as part of pre-upgrade (#366)

History
#1 - 07/03/2020 06:52 AM - The Foreman Bot
- Status changed from New to Ready For Testing
- Pull request https://github.com/theforeman/foreman_maintain/pull/366 added

#2 - 09/11/2020 10:01 AM - Kavita Gaikwad
- Status changed from Ready For Testing to Closed

Applied in changeset foreman_maintain/a976ff5dbdf7212cfdd5fd1feed79768a31c9eba.