

## Installer - Bug #31783

### Postgresql not being installed, installer fails to start postgresql

02/01/2021 07:59 PM - Spencer Lines

<b>Status:</b> New	
<b>Priority:</b> High	
<b>Assignee:</b>	
<b>Category:</b>	
<b>Target version:</b>	
<b>Difficulty:</b>	<b>Fixed in Releases:</b>
<b>Triaged:</b> No	<b>Found in Releases:</b> 2.3.2
<b>Bugzilla link:</b>	<b>Red Hat JIRA:</b>
<b>Pull request:</b>	

#### Description

### Summary

Postgresql not being installed even with '--foreman-db-manage true', installer fails to start postgresql

### System Details

```
os => {
architecture => "x86_64",
distro => {
codename => "Core",
description => "CentOS Linux release 7.8.2003 (Core)",
id => "CentOS",
release => {
full => "7.8.2003",
major => "7",
minor => "8"
},
specification => ":core-4.1-amd64:core-4.1-noarch"
},
family => "RedHat",
hardware => "x86_64",
name => "CentOS",
release => {
full => "7.8.2003",
major => "7",
minor => "8"
},
selinux => {
config_mode => "permissive",
config_policy => "targeted",
current_mode => "permissive",
enabled => true,
enforced => false,
policy_version => "31"
}
}
```

```
1. yum repolist
  repo id           repo name                status
  epel/x86_64       Extra Packages for Enterprise Linux 7 - x86_64  13,517
  foreman/x86_64    Foreman 2.3              699
  foreman-plugins/x86_64  Foreman plugins 2.3      372
```

```
1. yum list foreman-installer
Installed Packages
```

## Shell command and output

```
1. foreman-installer \  
--enable-foreman-compute-ec2 \  
--enable-foreman-compute-libvirt \  
--enable-foreman-plugin-templates \  
--enable-puppet \  
--no-enable-foreman-proxy \  
--foreman-db-manage-rake true \  
--foreman-db-manage true \  
--foreman-initial-admin-password changeme \  
--foreman-oauth-active true \  
--foreman-oauth-consumer-key foo \  
--foreman-oauth-consumer-secret foo \  
--foreman-passenger true \  
--foreman-proxy-puppet false \  
--foreman-proxy-puppetca false \  
--foreman-telemetry-prometheus-enabled true \  
--foreman-version 2.3 \  
--foreman-websockets-encrypt true \  
--puppet-server false \  
--scenario foreman
```

```
2021-02-01 19:43:46 [NOTICE] [pre_migrations] Executing hooks in group pre_migrations  
2021-02-01 19:43:46 [NOTICE] [pre_migrations] All hooks in group pre_migrations finished  
2021-02-01 19:43:46 [NOTICE] [boot] Executing hooks in group boot  
2021-02-01 19:43:46 [NOTICE] [boot] All hooks in group boot finished  
2021-02-01 19:43:46 [NOTICE] [init] Executing hooks in group init  
2021-02-01 19:43:46 [NOTICE] [init] All hooks in group init finished  
2021-02-01 19:43:46 [NOTICE] [root] Loading default values from puppet modules...  
2021-02-01 19:44:00 [NOTICE] [root] ... finished  
2021-02-01 19:44:00 [NOTICE] [pre_values] Executing hooks in group pre_values  
2021-02-01 19:44:00 [NOTICE] [pre_values] All hooks in group pre_values finished  
2021-02-01 19:44:02 [NOTICE] [pre_validations] Executing hooks in group pre_validations  
2021-02-01 19:44:13 [NOTICE] [pre_validations] All hooks in group pre_validations finished  
2021-02-01 19:44:13 [NOTICE] [root] Running validation checks  
2021-02-01 19:44:13 [NOTICE] [pre_commit] Executing hooks in group pre_commit  
2021-02-01 19:44:17 [NOTICE] [pre_commit] All hooks in group pre_commit finished  
2021-02-01 19:44:17 [NOTICE] [pre] Executing hooks in group pre  
Failed to start services: Failed to start postgresql.service: Unit not found.
```

```
2021-02-01 19:44:18 [ERROR ] [root] Failed to start services: Failed to start postgresql.service: Unit not found.
```

## History

### #1 - 02/01/2021 08:22 PM - Spencer Lines

- Description updated

### #2 - 02/02/2021 12:28 PM - Ewoud Kohl van Wijngaarden

I suspect you somehow trigger our PostgreSQL 9.6 migration code. Specifically, [https://github.com/theforeman/foreman-installer/blob/033961ebfc0c43efe71398252862e7b41e908fc4/hooks/pre/30-el7\\_upgrade\\_postgresql.rb#L2](https://github.com/theforeman/foreman-installer/blob/033961ebfc0c43efe71398252862e7b41e908fc4/hooks/pre/30-el7_upgrade_postgresql.rb#L2) fails.

If `/var/opt/rh/rh-postgresql12/lib/pgsql/data` doesn't exist but `/var/lib/pgsql/data` does that's triggered. If the old data directory is empty, I'd suggest to remove it.

On a side note: `--foreman-version 2.3` is generally not needed. If undefined it defaults to 'installed' but can also be set to latest or an exact version. I'm not sure if 2.3 is really understood by yum. I fear it may prevent patch versions from being installed. I'd recommend to reset it with `--reset-foreman-version`. However, this shouldn't affect the error you see since that fails in pre.