

Installer - Bug #27315

Postgres encoding issue

07/17/2019 06:59 AM - Giuseppe Sforza

Status: New	
Priority: Normal	
Assignee:	
Category:	
Target version:	
Difficulty:	Fixed in Releases:
Triaged: No	Found in Releases:
Bugzilla link:	Red Hat JIRA:
Pull request:	
Description	
Hi there,	
I encountered an issue with the foreman-installer and the Postgresql instance it installs automatically. After setting up a new Ubuntu 18.04 netinstall with no further configuration, I tried to install Foreman via the foreman-installer and got the following errors:	
<pre>/Stage[main]/Postgresql::Server::Reload/Exec[postgresql_reload]: Failed to call refresh: invalid byte sequence in US-ASCII /Stage[main]/Postgresql::Server::Reload/Exec[postgresql_reload]: invalid byte sequence in US-ASCII /opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/type/exec.rb:518:in `split' /opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/type/exec.rb:518:in `check' /opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/type/exec.rb:592:in `block (2 levels) in check_all_attributes' /opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/type/exec.rb:591:in `each' /opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/type/exec.rb:591:in `block in check_all_attributes' /opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/type/exec.rb:586:in `each' /opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/type/exec.rb:586:in `check_all_attributes' /opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/type/exec.rb:618:in `refresh' /opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/transaction/event_manager.rb:147:in `process_callback' /opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/transaction/event_manager.rb:34:in `block in process_events' /opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/transaction/event_manager.rb:119:in `block in queued_events' /opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/transaction/event_manager.rb:118:in `each' /opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/transaction/event_manager.rb:118:in `queued_events' /opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/transaction/event_manager.rb:33:in `process_events' /opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/transaction.rb:284:in `eval_resource' /opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/transaction.rb:187:in `call' /opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/transaction.rb:187:in `block (2 levels) in evaluate' /opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/util.rb:518:in `block in thinmark' /opt/puppetlabs/puppet/lib/ruby/2.5.0/benchmark.rb:308:in `realtime' /opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/util.rb:517:in `thinmark' /opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/transaction.rb:187:in `block in evaluate' /opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/graph/relationship_graph.rb:121:in `traverse' /opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/transaction.rb:174:in `evaluate' /opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/resource/catalog.rb:239:in `block (2 levels) in apply' /opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/util.rb:518:in `block in thinmark' /opt/puppetlabs/puppet/lib/ruby/2.5.0/benchmark.rb:308:in `realtime' /opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/util.rb:517:in `thinmark' /opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/resource/catalog.rb:238:in `block in apply' /opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/util/log.rb:161:in `with_destination'</pre>	

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/opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/transaction/report.rb:146:in `as_logging_destination'  
/opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/resource/catalog.rb:237:in `apply'  
/opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/configurer.rb:192:in `block (2 levels) in apply_catalog'  
/opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/util.rb:518:in `block in thinmark'  
/opt/puppetlabs/puppet/lib/ruby/2.5.0/benchmark.rb:308:in `realtime'  
/opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/util.rb:517:in `thinmark'  
/opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/configurer.rb:191:in `block in apply_catalog'  
/opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/util.rb:231:in `block in benchmark'  
/opt/puppetlabs/puppet/lib/ruby/2.5.0/benchmark.rb:308:in `realtime'  
/opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/util.rb:230:in `benchmark'  
/opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/configurer.rb:190:in `apply_catalog'  
/opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/configurer.rb:376:in `run_internal'  
/opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/configurer.rb:240:in `block in run'  
/opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/context.rb:65:in `override'  
/opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet.rb:266:in `override'  
/opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/configurer.rb:217:in `run'  
/opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/application/apply.rb:343:in `apply_catalog'  
/opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/application/apply.rb:260:in `block (2 levels) in main'  
/opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/context.rb:65:in `override'  
/opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet.rb:266:in `override'  
/opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/application/apply.rb:243:in `block in main'  
/opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/context.rb:65:in `override'  
/opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet.rb:266:in `override'  
/opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/application/apply.rb:207:in `main'  
/opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/application/apply.rb:177:in `run_command'  
/opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/application.rb:382:in `block in run'  
/opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/util.rb:684:in `exit_on_fail'  
/opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/application.rb:382:in `run'  
/opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/util/command_line.rb:139:in `run'  
/opt/puppetlabs/puppet/lib/ruby/vendor_ruby/puppet/util/command_line.rb:77:in `execute'  
/opt/puppetlabs/puppet/bin/puppet:5:in `'
```

```
$ locale -a
```

```
C  
C.UTF-8  
POSIX  
en_AG  
en_AG.utf8  
en_AU.utf8  
en_BW.utf8  
en_CA.utf8  
en_DK.utf8  
en_GB.utf8  
en_HK.utf8  
en_IE.utf8  
en_IL  
en_IL.utf8  
en_IN  
en_IN.utf8  
en_NG  
en_NG.utf8  
en_NZ.utf8  
en_PH.utf8  
en_SG.utf8  
en_US.utf8  
en_ZA.utf8  
en_ZM  
en_ZM.utf8  
en_ZW.utf8
```

```
$ localectl
```

```
System Locale: LANG=en_US.UTF-8  
                LANGUAGE=en_US:en  
VC Keymap: n/a
```

```
X11 Layout: de
X11 Model: pc105
X11 Variant: nodeadkeys
```

I validated this issue by creating multiple different instances all with the same outcome. After manually creating a database specifically with UTF-8 encoding it worked flawlessly. The default encoding which the postgresql package on Ubuntu 18.04 uses is US-ASCII, it seems. I guess this 'issue' might get fixed by just explicitly telling the foreman-installer to create a UTF-8 database.

History

#1 - 07/22/2019 03:57 PM - Lukas Zapletal

- *Project changed from Foreman to Installer*

#2 - 11/17/2020 05:19 PM - Ewoud Kohl van Wijngaarden

Apologies for missing this for so long. Is this still an issue? We should enforce the en_US.UTF-8 locale so I'm surprised this is an issue.