Installer - Bug #27637

qpidd fails to start with ncat > 6.40

08/15/2019 05:22 PM - James Shewey

Status:	Resolved		
Priority:	Low		
Assignee:			
Category:	Foreman modules		
Target version:			
Difficulty:	easy	**Fixed in Releases:**	
Triaged:	No	**Found in Releases:**	1.22.0
Bugzilla link:		**Red Hat JIRA:**	
Pull request:			

Description

During installation/upgrade of foreman/katello, the file:

/usr/share/foreman-installer/modules/qpid/manifests/service.pp

Writes out the erb template found at:

/usr/share/foreman-installer/modules/qpid/templates/wait-for-port.conf.erb

To the location:

/etc/systemd/system/qpidd.service.d/wait-for-port.conf

This file causes the startup script for qpidd to wait for the port to show as open before marking the service as started by using ncat's -z switch using the command:

ExecStartPost=/bin/bash -c 'while ! nc -z 127.0.0.1 <%= scope['qpid::ssl_port'] %>; do sleep 1; done'

The issue however is that the "-z" switch has been deprecated in (at least) version 6.47 of ncat. Thus, another way to achieve this objective is needed. While this is not an issue for a default CentOS/RHEL 7 installation, the problem will presumably arise with RHEL/CentOS 8 and will show up for any who use the atomic repo.

To reproduce:

- Configure the Atomic repo as a source for yum: https://wiki.atomicorp.com/wiki/index.php/Atomic
- Run yum -y update nmap-ncat
- Attempt to restart qpidd or perform an upgrade or install of foreman

Related issues:

Related to Installer - Bug #30252: error Error reading socket: Encountered en...	**Closed**

History

#1 - 11/05/2019 06:14 PM - James Shewey

- Priority changed from Normal to Low

Looking at CentOS 8 with version 7.70 of ncat, the -z switch is available as "Zero-I/O mode, report connection status only" according to the manual, so this looks to be a problem only for those with Atomic configured.

#2 - 11/05/2019 09:14 PM - Ewoud Kohl van Wijngaarden

- Category set to Foreman modules

It looks like nc actually comes from nmap-ncat in Fedora. Perhaps this is available in Atomic?

#3 - 02/17/2020 09:16 AM - Kamil Maslowski

It can be easily fixed with:

```
ExecStartPost=/bin/bash -c 'while ! nc -w 1 127.0.0.1 <%= scope['qpid::ssl_port'] %> </dev/null; do sleep 1; d
one'
```

#4 - 02/20/2020 07:57 PM - Ewoud Kohl van Wijngaarden

The source is at https://github.com/theforeman/puppet-qpid/blob/master/templates/wait-for-port.conf.erb and a patch is highly welcome.

#5 - 11/17/2020 06:06 PM - Eric Helms

- Status changed from New to Resolved

#6 - 11/17/2020 06:06 PM - Eric Helms

- Related to Bug #30252: error Error reading socket: Encountered end of file [-5938] when starting qpidd service added

```
ExecStartPost=/bin/bash -c 'while ! nc -w 1 127.0.0.1 <%= scope['qpid::ssl_port'] %> </dev/null; do sleep 1; d
one'
```