

## Smart Proxy - Feature #19480

### Support systemd's notify service type, call sd\_notify on startup

05/09/2017 05:23 AM - Dominic Cleal

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> Dominic Cleal	
<b>Category:</b> Core	
<b>Target version:</b>	
<b>Difficulty:</b>	<b>Fixed in Releases:</b>
<b>Triaged:</b>	<b>Found in Releases:</b>
<b>Bugzilla link:</b>	<b>Red Hat JIRA:</b>
<b>Pull request:</b> <a href="https://github.com/foreman/smart-proxy/pull/525">https://github.com/foreman/smart-proxy/pull/525</a>	
<b>Description</b>	
<p>The smart proxy launcher should support calling systemd's <a href="#">sd_notify API</a> (or the equivalent, writing to the Unix socket) when daemon mode is disabled and the service is listening for requests.</p> <p>This would allow it to support systemd's <a href="#">notify service type</a> where the service is started in the foreground and notifies the service manager that it's ready before marking the service as up.</p> <p>Using a notify/non-forking mode is preferable over daemonization as it simplifies setup, provides a more accurate service state (instead of marking the service up as soon as the fork occurs), and should allow systemd to capture stdout/err from the main server process.</p>	
<b>Related issues:</b>	
Related to Packaging - Bug #12463: The default settings of foreman-proxy conf...	<b>Resolved</b> 11/12/2015

#### Associated revisions

##### Revision 99e9e5bf - 05/09/2017 10:10 AM - Dominic Cleal

fixes #19480 - add systemd notify support

When started under systemd, the launcher now logs via the notify socket API when all configured WEBrick servers have started so the service state is reported accurately (rather than the daemonization point).

An example unit file is now shipped that uses a `--no-daemonize` argument to override the config file, so misconfiguration will not prevent the service from starting correctly.

#### History

##### #1 - 05/09/2017 07:10 AM - The Foreman Bot

- Status changed from Assigned to Ready For Testing
- Pull request <https://github.com/foreman/smart-proxy/pull/525> added

##### #2 - 05/09/2017 11:01 AM - Dominic Cleal

- Status changed from Ready For Testing to Closed
- % Done changed from 0 to 100

Applied in changeset [99e9e5bf5843ea1f05c62febc24bd0da919adc98](#).

##### #3 - 05/10/2017 04:29 AM - Dominic Cleal

- Related to Bug #12463: The default settings of foreman-proxy conflict with it's systemd service unit. added