

## Smart Proxy - Bug #10378

### smart-proxy service doesn't start on windows

05/05/2015 10:51 AM - Anonymous

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> Core	
<b>Target version:</b> 1.11.0	
<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/285">https://github.com/foreman/smart-proxy/pull/285</a>	
<b>Description</b> ... C:\AA\foreman\smart\bin>net start "smart proxy" The service is not responding to the control function.  More help is available by typing NET HELPMSG 2186. ...  No logs are created. I don't know what is happening at all :/	
<b>Related issues:</b>	
Related to Smart Proxy - Support #10098: Does anyone have an updated procedur...	<b>Resolved</b> <b>04/08/2015</b>
Related to Website - Feature #12006: RFE: Be more specific about smart-proxy ...	<b>Closed</b> <b>09/30/2015</b>

#### Associated revisions

##### Revision 8e19663f - 11/30/2015 09:00 AM - Dmitri Dolguikh

Fixes #10378: smart-proxy service starts on windows now

#### History

##### #1 - 05/19/2015 09:35 AM - Benjamin Papillon

With some trials and tests, we nailed the error to the use of bundler vs bundler\_ext.  
When using the former the service starts. when using bundle, ruby 1.9.3 complains about not finding its dependencies.

The work around :

- prerequisites : the smart proxy service should be registered with <smartproxy dir>\bin\smart-proxy-win-service
- In the smart proxy directory, copy gemfile to gemfile.in
- Install bundler\_ext gem

```
gem install bundler_ext
```

Here is the file I used as bin\smart-proxy-win-service  
Please be sure to update 1st line and logfile path.

```
#!c:\ruby193\bin\ruby.exe
$LOAD_PATH.unshift(*Dir[File.expand_path("../../lib", __FILE__), File.expand_path("../../modules", __FILE__)])

require 'rubygems'
require 'win32/daemon'
include Win32
require 'smart_proxy'

begin
  class SmartDaemon < Daemon
    include ::Proxy::Log
    def service_init
```

```

    logger.info("Service is initializing")
end

def service_main(*args)
  logger.info("Service is running")
  # Start the foreman daemon
  Proxy::Launcher.new.launch

  # the daemon is about to exit.
  logger.info("Service is terminating")
end

# This event triggers when the service receives a signal to stop.
#
# NOTE: Older versions of this code used an explicit exit! call
# to force the Ruby interpreter to exit. Don't do that. It is no
# longer required and, in fact, may cause issues.
#
def service_stop
  logger.info("Received stop signal")
end

# This event triggers when the service receives a signal to pause.
#
def service_pause
  logger.info("Received pause signal")
end

# This event triggers when the service receives a signal to resume
# from a paused state.
#
def service_resume
  logger.info("Received resume signal")
end

# Create an instance of the Daemon and put it into a loop. I borrowed the
# method name 'mainloop' from Tk, btw.
#
SmartDaemon.mainloop
rescue Exception => e
  logger.error("Daemon failure: #{e}  #{e.backtrace}")
  raise
end

```

## #2 - 05/19/2015 10:15 AM - Benjamin Papillon

- Related to Support #10098: Does anyone have an updated procedure to install smart proxy on a Windows Server 2008 R2 OS? added

## #3 - 05/21/2015 12:57 PM - The Foreman Bot

- Status changed from New to Ready For Testing

- Pull request <https://github.com/foreman/smart-proxy/pull/285> added

- Pull request deleted ()

## #4 - 10/13/2015 08:18 AM - Anonymous

- Is duplicate of Bug #8793: Smart-proxy does not run as a service on Windows added

## #5 - 10/13/2015 08:20 AM - Anonymous

- Is duplicate of deleted (Bug #8793: Smart-proxy does not run as a service on Windows)

## #6 - 11/20/2015 11:55 AM - The Foreman Bot

- Assignee set to Anonymous

## #7 - 11/30/2015 09:01 AM - Dominic Cleal

- Category set to Core

- translation missing: en.field\_release set to 104

## #8 - 11/30/2015 09:36 AM - Dominic Cleal

- Related to Feature #12006: RFE: Be more specific about smart-proxy installation in windows added

#### #9 - 11/30/2015 10:02 AM - Anonymous

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [8e19663fa0d964c6cbb408663f25b9bd16420db5](#).

#### #10 - 12/23/2015 04:26 PM - Zak Herner

I'm unable to get this to work. I've tried the steps above with gemfile.in and installing bundler\_ext without any luck. I've tried a lot of things, ruby 1.9.3, 2.1.7 and 2.2.3 along with smart-proxy 1.7, 1.9, 1.10 and develop and no combination worked with smart-proxy-win-service.

From the win-service.log that gets created it has the following:

```
I, [2015-12-23T14:18:27.130041 #6992] INFO -- : Service is initializing
E, [2015-12-23T14:18:30.145679 #6992] ERROR -- : Daemon failure: Service_Main thread exited abnormally
D:/foreman/Ruby22/lib/ruby/gems/2.2.0/gems/win32-service-0.8.7/lib/win32/daemon.rb:282:in `mainloop'
D:/foreman/Ruby22/lib/ruby/gems/2.2.0/gems/win32-service-0.8.7/lib/win32/daemon.rb:217:in `mainloop'
./bin/smart-proxy-win-service:39:in `<main>'
```

smart-proxy-win-service from the command line does not work but regular smart-proxy does work for me. I think it would be ideal to use smart-proxy-win-service but the option that worked for me was to use nssm.

#### #11 - 12/23/2015 05:09 PM - Anonymous

The fix has been merged, bundler\_ext and the workaround mentioned above isn't needed. Please follow installation docs for Windows (can be found here: <http://theforeman.org/manuals/1.10/index.html>) and see if it works for you.

#### #12 - 12/24/2015 01:20 PM - Zak Herner

Dmitri Dolguikh wrote:

The fix has been merged, bundler\_ext and the workaround mentioned above isn't needed. Please follow installation docs for Windows (can be found here: <http://theforeman.org/manuals/1.10/index.html>) and see if it works for you.

I was using the above doc to do the install and didn't have any luck. I'm installing on a new Win2K12 server, I also have the same issue on my Win7 workstation.

#### #13 - 01/18/2016 02:43 AM - James Camping

Zak Herner wrote:

Dmitri Dolguikh wrote:

The fix has been merged, bundler\_ext and the workaround mentioned above isn't needed. Please follow installation docs for Windows (can be found here: <http://theforeman.org/manuals/1.10/index.html>) and see if it works for you.

I was using the above doc to do the install and didn't have any luck. I'm installing on a new Win2K12 server, I also have the same issue on my Win7 workstation.

Try running "ruby bin\smart-proxy-win-service" In my case I had to change line 12 to specify a log file as an absolute path. After that the ruby service worked without issue.

#### #14 - 01/19/2016 03:08 AM - Dominic Cleal

- translation missing: en.field\_release changed from 104 to 71

Non-trivial to backport, bumping to 1.11.0.