Smart Proxy - Bug #12889

foreman-proxy fails with implicit conversion error message if sudo is not installed

12/20/2015 11:29 AM - Tomas Agartz

Status:	Rejected			
Priority:	Low			
Assignee:				
Category:	Puppet			
Target version:				
Difficulty:	trivial		**Fixed in Releases:**	
Triaged:			**Found in Releases:**	1.9.3
Bugzilla link:			**Red Hat JIRA:**	
Pull request:				

Description

Note: Debian does not install sudo by default if you do not select "system utilities", and foreman-installer does not install it either.

When clicking the "certificates" on the Infrastructure -> Smart Proxies page, nothing happens in the web browser.
In the log, the following error can be found:

```
2015-12-20T16:32:14 [app] [W] ProxyAPI operation FAILED
 | ProxyAPI::ProxyException: ERF12-5356 [ProxyAPI::ProxyException]: Unable to get PuppetCA certifi
cates ([RestClient::NotAcceptable]: 406 Not Acceptable) for proxy https://foreman.agartz.net:8443/
puppet/ca
```

Running the smart-proxy under strace reveals the following:

```
stat("/usr/bin/puppet", {st_mode=S_IFREG|0755, st_size=253, ...}) = 0
write(8, "D, [2015-12-20T16:32:14.900899 #10972] DEBUG -- : Found puppetca at /usr/bin/puppet\n",
84) = 84
stat("/usr/bin/sudo", 0x7fd9c62f0fe0)   = -1 ENOENT (No such file or directory)
stat("/usr/sbin/sudo", 0x7fd9c62f0fe0)  = -1 ENOENT (No such file or directory)
stat("/usr/local/bin/sudo", 0x7fd9c62f0fe0) = -1 ENOENT (No such file or directory)
stat("/usr/local/sbin/sudo", 0x7fd9c62f0fe0) = -1 ENOENT (No such file or directory)
stat("/sbin/sudo", 0x7fd9c62f0fe0)      = -1 ENOENT (No such file or directory)
stat("/bin/sudo", 0x7fd9c62f0fe0)       = -1 ENOENT (No such file or directory)
write(8, "E, [2015-12-20T16:32:14.901864 #10972] ERROR -- : Failed to list certificates: no implic
it conversion of false into String\n", 123) = 123
```

"apt-get install sudo" resolved the issue for me.

History

#1 - 12/20/2015 02:58 PM - Tomas Agartz

(checking tasksel in debian 8.2 and the "system utilities" or whatever the name used to be doesn't even exit any more it seems)

#2 - 12/21/2015 09:18 AM - Dominic Cleal

- Subject changed from foreman-proxy fails with incorrect error message if sudo is not installed to foreman-proxy fails with implicit conversion error message if sudo is not installed

- Category set to Puppet

Could you provide the log from the smart proxy itself? The strace is hard to read, and a copy of the log with debugging enabled (under /etc/foreman-proxy/settings.yml, log_level) would be clearer.

#3 - 12/21/2015 10:55 AM - Tomas Agartz

Even with log_leve set to DEBUG, there is nothing more interesting in the proxy log:

```
D, [2015-12-21T16:23:39.359569 #7070] DEBUG -- : verifying remote client 1.2.3.4 against trusted_hosts ["forem
an.example.com"]
```

```
D, [2015-12-21T16:23:39.365554 #7070] DEBUG -- : Found puppetca at /usr/bin/puppet
E, [2015-12-21T16:23:39.366366 #7070] ERROR -- : Failed to list certificates: no implicit conversion of false
into String
5.6.7.8 - - [21/Dec/2015 16:23:39] "GET /puppet/ca HTTP/1.1" 406 72 0.0094
```

What the strace says is that the proxy first looks for the puppet binary and finds it. It then searches for the sudo binary in several places and when it does not find it, it prints an error message.

There are two separate issues here, I guess:

1: The error message is wrong, it should say that sudo wasn't found, not "no implicit conversion of false into String"
2: the forman-proxy package should depend on the sudo package on Debian (Currently, sudo is listed as Recommends, not as Depends)

#4 - 12/21/2015 10:57 AM - Dominic Cleal

Tomas Agartz wrote:

> 2: the forman-proxy package should depend on the sudo package on Debian (Currently, sudo is listed as Recommends, not as Depends)

This is deliberate, since the Puppet CA module is just one of the many optional things it can do. sudo isn't required for say, the DNS management module.

#5 - 05/20/2017 07:52 AM - Anonymous

- Status changed from New to Rejected

works as designed.