Foreman - Bug #18365

foreman-answers.yaml from /usr/share stored instead of /etc/foreman-installer

02/02/2017 05:07 AM - Dominic Cleal

Status:	New		
Priority:	Normal		
Assignee:	Anurag Patel		
Category:	foreman-debug		
Target version:			
Difficulty:		**Fixed in Releases:**	
Triaged:		**Found in Releases:**	1.14.0
Bugzilla link:		**Red Hat JIRA:**	
Pull request:			

Description

Since Foreman 1.14, foreman-debug is storing an incorrect version of the file in the tarball at etc/foreman-installer/scenarios.d/foreman-answers.yaml.

Originals:

```
# ls -l /etc/foreman-installer/scenarios.d/foreman-answers*
-rw-------. 1 root root 14016 Feb  2 04:18 /etc/foreman-installer/scenarios.d/foreman-answers.yaml
-rw-------. 1 root root  2111 Jan 25 22:30 /etc/foreman-installer/scenarios.d/foreman-answers.yaml
.rpmnew
```

With nightly:

```
# ls -l /tmp/foreman-debug-Owysl/etc/foreman-installer/scenarios.d/foreman-answers*
-rw-r--r--. 1 root root 2111 Feb  2 05:00 /tmp/foreman-debug-Owysl/etc/foreman-installer/scenarios
.d/foreman-answers.yaml
-rw-r--r--. 1 root root 2111 Feb  2 05:00 /tmp/foreman-debug-Owysl/etc/foreman-installer/scenarios
.d/foreman-answers.yaml.rpmnew
```

With 1.13.4:

```
# ls -l /tmp/foreman-debug-g68Ro/etc/foreman-installer/scenarios.d/foreman-answers*
-rw-r--r--. 1 root root 13959 Feb  2 04:59 /tmp/foreman-debug-g68Ro/etc/foreman-installer/scenario
s.d/foreman-answers.yaml
-rw-r--r--. 1 root root  2111 Feb  2 04:59 /tmp/foreman-debug-g68Ro/etc/foreman-installer/scenario
s.d/foreman-answers.yaml.rpmnew
```

Debugging shows that the add_files() find command is probably traversing through /etc/foreman-installer/scenarios.d/foreman.migrations/.. as add_files is called with /etc/foreman-installer/scenarios.d/*/.* and foreman.migrations is a symlink to /usr/share/foreman-installer/config/foreman.migrations.

add_files then stores /usr/share/foreman-installer/config/foreman-answers.yaml, replacing the file of the same name.

Related issues:

Related to Foreman - Bug #17044: foreman-debug to collect whole newest (log)f...	**Closed**	09/24/2016

History

#1 - 02/02/2017 05:07 AM - Dominic Cleal

- Related to Bug #17044: foreman-debug to collect whole newest (log)files instead of tailing all (log)files added

#2 - 03/02/2017 04:15 AM - Dominic Cleal

- translation missing: en.field_release changed from 221 to 227

#3 - 04/03/2017 08:44 AM - Dominic Cleal

- translation missing: en.field_release deleted (227)

#4 - 05/19/2017 08:58 AM - Anurag Patel

- Assignee set to Anurag Patel

I was unable to replicate this issue. By looking at their sizes, it seems like not much has changed within.

```
[root@bb8 ~]# ls -l /etc/foreman-installer/scenarios.d/foreman-answers*
-rw-------. 1 root root 12956 Dec  6 21:29 /etc/foreman-installer/scenarios.d/foreman-answers.yaml
-rw-------. 1 root root  1780 Nov 25 21:16 /etc/foreman-installer/scenarios.d/foreman-answers.yaml.rpmnew
[root@bb8 ~]# ls -l /tmp/fd1/etc/foreman-installer/scenarios.d/foreman-answers*
-rw-r--r--. 1 root root 12840 Dec  6 21:29 /tmp/fd1/etc/foreman-installer/scenarios.d/foreman-answers.yaml
-rw-r--r--. 1 root root  1780 Nov 25 21:16 /tmp/fd1/etc/foreman-installer/scenarios.d/foreman-answers.yaml.rpm
new
[root@bb8 ~]#
```

The sample foreman-answers file present in /usr/share/foreman-installer/config remains a smaller size example.

```
[root@bb8 ~]# ls -l /usr/share/foreman-installer/config/foreman-answers*
-rw-r--r--. 1 root root 1780 Jan 26 12:37 /usr/share/foreman-installer/config/foreman-answers.yaml
[root@bb8 ~]#
```

By doing a diff too, the only thing that changes between the two files is string filtering applied by foreman-debug.

```
[root@bb8 ~]# diff /etc/foreman-installer/scenarios.d/foreman-answers.yaml /tmp/fd1/etc/foreman-installer/scen
arios.d/foreman-answers.yaml
40c40
<     db_password: <removed-by-gnurag>
---
>     db_password: +FILTERED+
70,71c70,71
<     oauth_consumer_key: <removed-by-gnurag>
<     oauth_consumer_secret: <removed-by-gnurag>
---
>     oauth_consumer_key: +FILTERED+
>     oauth_consumer_secret: +FILTERED+
76c76
<     admin_password: <removed-by-gnurag>
---
>     admin_password: +FILTERED+
235,236c235,236
<     oauth_consumer_key: <removed-by-gnurag>
<     oauth_consumer_secret: <removed-by-gnurag>
---
>     oauth_consumer_key: +FILTERED+
>     oauth_consumer_secret: +FILTERED+
[root@bb8 ~]#
```

I suspect something may have changed in foreman-debug's **add_files** function because of which it isn't traversing **..** directory.

#5 - 05/19/2017 09:13 AM - Dominic Cleal

This remains reproducible on two separate nightly package installations (at fcb0e4b):

```
# ls -l /usr/share/foreman-installer/config/foreman-answers.yaml /etc/foreman-installer/scenarios.d/foreman-an
swers.yaml
-rw-------. 1 root root 14347 May 15 09:28 /etc/foreman-installer/scenarios.d/foreman-answers.yaml
-rw-r--r--. 1 root root  2158 May 14 23:52 /usr/share/foreman-installer/config/foreman-answers.yaml
# ll foreman-debug-Ey0R6/etc/foreman-installer/scenarios.d/foreman-answers.yaml
-rw-r--r--. 1 root root 2158 May 14 23:52 foreman-debug-Ey0R6/etc/foreman-installer/scenarios.d/foreman-answer
s.yaml
```

#6 - 05/19/2017 11:33 PM - Anurag Patel

Dominic Cleal wrote:

> This remains reproducible on two separate nightly package installations (at fcb0e4b):
>
> [...]

I was trying out from latest develop, also tested it out from fcb0e4bbe90d4c35fe1810d8e0cfd3bea3302324 - it worked as expected for me:

```
$ sudo ./script/foreman-debug -v -g -a -d /tmp/fd2
```

Would it be possible to gist the installed foreman-debug script?

#7 - 05/22/2017 04:59 AM - Dominic Cleal

- File foreman-debug added

- File foreman-debug.out added

Attached the unaltered script from the package and the output of the command you listed above, which shows the inclusion of /etc/foreman-installer/scenarios.d/foreman.migrations/../foreman-answers.yaml as per the description.

```
-rw-r--r-- 1 root root 2158 May 19 03:26 /tmp/fd2/etc/foreman-installer/scenarios.d/foreman-answers.yaml
```

#8 - 06/03/2017 10:33 PM - Anurag Patel

Dominic Cleal wrote:

> Attached the unaltered script from the package and the output of the command you listed above, which shows the inclusion of /etc/foreman-installer/scenarios.d/foreman.migrations/../foreman-answers.yaml as per the description.
>
> [...]

Thanks Dominic. I wasn't able to quickly verify this earlier because in my case foreman-debug was copying symlink/.. file first, and the correct file afterward. But the debug mode confirms this as a bug.

Any suggestion on fixing this? Would skipping **..** in any of the directory listing loop help, or would it have side effects?

Files

foreman-debug	12.2 KB	05/22/2017	Dominic Cleal
foreman-debug.out	18.1 KB	05/22/2017	Dominic Cleal