

Katello - Bug #7029

sed error in postinstall script of bootstrap rpm causes "subscription-manager register" to error on RHEL 5.7 and 6.1 clients for Satellite 6

08/11/2014 05:26 PM - Justin Sherrill

Status:	Closed	
Priority:	Normal	
Assignee:	Justin Sherrill	
Category:	Client/Agent	
Target version:	Katello 2.0	
Difficulty:	easy	Fixed in Releases:
Triaged:	Yes	Found in Releases:
Bugzilla link:	1127011	Red Hat JIRA:
Pull request:	https://github.com/Katello/katello-installer/pull/102	

Description

Cloned from https://bugzilla.redhat.com/show_bug.cgi?id=1127011

Description of problem:

The bootstrap RPM from the satellite server (<http://sat6.example.com/pub/katello-ca-consumer-sat6.example.com-1.0-1.noarch.rpm>) contains a sed error that prevents older subscription-manager RPMs (pre 0.96) from registering (RHEL 6.1 and RHEL 5.7 are affected)

Version-Release number of selected component (if applicable):

Satellite 6.0.3

subscription-manager older than 96.6

How reproducible:

Always

Steps to Reproduce:

1. cold install 5.7 or 6.1
2. install bootstrap RPM from satellite server (<http://sat6.example.com/pub/katello-ca-consumer-sat6.example.com-1.0-1.noarch.rpm>)
3. subscription-manager register

Actual results:

- ```
1. yum -y --nogpgcheck install katello-ca-consumer-sat6.example.com-1.0-1.noarch.rpm
<<<snip>>>
```

```
=====
=====
Package Arch Version Repository Size
=====
=====
Installing:
katello-ca-consumer-sat6.example.com noarch 1.0-1 /katello-ca-consumer-sat6.example.com-1.0-1.noarch 5.2 k
```

Transaction Summary

```
=====
Install 1 Package(s)
Upgrade 0 Package(s)
```

<<<snip>>>

Running Transaction

```
Installing : katello-ca-consumer-sat6.example.com 1/1
sed: -e expression #1, char 27: unknown option to `s'
duration: 0(ms)
Installed products updated.
```

Installed:  
katello-ca-consumer-sat6.example.com.noarch 0:1.0-1

Complete!

- END \*\*\*

Which leads to different errors when doing "subscription-manager register"

- For RHEL 5:
  1. subscription-manager register  
Username: admin  
Password:  
RemoteServerException instance has no attribute 'args'
- For RHEL 6:  
[root@localhost ~]# subscription-manager register  
Username: admin  
Password:  
Remote server error. Please check the connection details, or see /var/log/rhsm/rhsm.log for more information.

From rhsm.log on RHEL 6

```
2014-08-05 21:13:46,113 [DEBUG] _request() @connection.py:209 - Making request: GET /subscription/
2014-08-05 21:13:46,150 [DEBUG] _request() @connection.py:218 - Response status: 404
2014-08-05 21:13:46,150 [ERROR] validateResponse() @connection.py:230 - No JSON object could be decoded
```

Looking at the postscript for katello-ca-consumer-sat6.example.com-1.0-1.noarch, we can see the prefix sed line has an error.

```
~~~~  
1. configure rhsm  
2. the config command was introduced in rhsm 0.96.6  
3. fallback left for older versions  
if test ${RHSM_VERSION0:0} -gt 0 -o ${RHSM_VERSION1:0} -gt 96 -o \(${RHSM_VERSION1:0} -eq 96 -a  
${RHSM_VERSION2:0}  
-gt 6 \); then  
subscription-manager config \  
-server.hostname="$KATELLO_SERVER" \  
-server.prefix="$PREFIX" \  
-server.port="$PORT" \  
-rhsm.repo_ca_cert="%ca_cert_dir$scandlepin-local.pem" \  
-rhsm.baseurl="$BASEURL"  
else  
sed -i "s/^hostname\s*=\s*/hostname = $KATELLO_SERVER/g" $CFG  
sed -i "s/^port\s*=\s*/port = $PORT/g" $CFG  
sed -i "s/^prefix\s*=\s*/prefix = $PREFIX/g" $CFG  
sed -i "s/^repo_ca_cert\s*=\s*/repo_ca_cert = $(ca_cert_dir)scandlepin-local.pem/g" $CFG  
sed -i "s|^baseurl\s*=\s*|^baseurl=$BASEURL|g" $CFG  
fi  
~~~~
```

Changing the sed line to this resolves the issue:

```
sed -i 's|^prefix\s*=\s*|^prefix = /katello/api/g' /etc/rhsm/rhsm.conf
```

1. sed -i 's|^prefix\s\*=\s\*/prefix = /katello/api/g' /etc/rhsm/rhsm.conf  
sed: -e expression #1, char 27: unknown option to `s'
2. sed -i 's|^prefix\s\*=\s\*|^prefix = /katello/api/g' /etc/rhsm/rhsm.conf #

Work around is to update /etc/rhsm/rhsm.conf and change prefix line from "/subscription" to "/katello/api" and then run subscription-manager again.

A note to upgrade the subscription-manager RPM to the newest version before registering a system is recommended in the user guide may help as the older version of subscription-manager doesn't support --org and required me to set the default org for the user that I was using.

[https://access.redhat.com/documentation/en-US/Red\\_Hat\\_Satellite/6.0/html-single/User\\_Guide/index.html#chap-Configuring\\_Hosts](https://access.redhat.com/documentation/en-US/Red_Hat_Satellite/6.0/html-single/User_Guide/index.html#chap-Configuring_Hosts)

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## Associated revisions

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### Revision 948db727 - 08/11/2014 05:30 PM - Justin Sherrill

fixes #7029 - fixing bootstrap of older rhsm clients

as values had "/"s in them

### Revision 30b541cc - 08/13/2014 10:33 AM - Justin Sherrill

Merge pull request #27 from jsherrill/7029

fixes #7029 - fixing bootstrap of older rhsm clients

### Revision 569eded8 - 08/14/2014 10:03 AM - Justin Sherrill

fixes #7029,7007 - updating pulp-certs module

### Revision 1d5c6cae - 08/15/2014 11:33 AM - Justin Sherrill

Merge pull request #102 from jsherrill/7029

fixes #7029,7007 - updating pulp-certs module

## History

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### #1 - 08/11/2014 05:28 PM - Justin Sherrill

- *Category set to 125*
- *Status changed from New to Assigned*
- *Target version set to 54*
- *translation missing: en.field\_release set to 13*
- *Difficulty set to easy*
- *Triaged changed from No to Yes*

### #2 - 08/14/2014 10:05 AM - The Foreman Bot

- *Status changed from Assigned to Ready For Testing*
- *Pull request <https://github.com/Katello/katello-installer/pull/102> added*
- *Pull request deleted ()*

### #3 - 08/15/2014 12:01 PM - Justin Sherrill

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

Applied in changeset [katello-installer|569eded895ef87feb19dd36134c5834d33e26562](#).