

Katello - Bug #7175

capsule-installer option dispute / Could not add the lifecycle environment

08/20/2014 09:52 AM - Justin Sherrill

| | |
|---|---------------------------|
| Status: Closed | |
| Priority: Normal | |
| Assignee: Justin Sherrill | |
| Category: Foreman Proxy Content | |
| Target version: Katello 2.0 | |
| Difficulty: easy | Fixed in Releases: |
| Triaged: Yes | Found in Releases: |
| Bugzilla link: 1121207 | Red Hat JIRA: |
| Pull request: https://github.com/Katello/katello/pull/4596 | |
| Description | |
| Cloned from https://bugzilla.redhat.com/show_bug.cgi?id=1121207 Title: Adding Lifecycle Environments to a Red Hat Satellite Capsule Server | |
| Describe the issue: capsule-certs-generate output says use --register-in-foreman "true", but Installation Guide 5.3.2.b.2 says --register-in-foreman "false"? | |
| Suggestions for improvement: I don't know what's correct. | |
| Additional information: in the next step I fail with Could not add the lifecycle environment to the capsule: Task d2feb860-bc85-43de-9ef4-7d114d01809a: RuntimeError: Could not find node distributor for repository | |
| Notes: on my capsule server: | |
| subscription-manager unregister subscription-manager clean subscription-manager register --org="priority_health" --environment="Library" --release=6.5 admin / changeme | |
| subscription-manager subscribe --pool=8ab2829946f7a4e10146f83f150700f3 (rhel lic) | |
| subscription-manager subscribe --pool=8ab2829946f7a4e10146f83875150052 (capsule6 beta) | |
| subscription-manager repos --disable "" subscription-manager repos --enable rhel-6-server-rpms subscription-manager repos --enable rhel-server-rhsc1-6-beta-rpms subscription-manager repos --enable rhel-server-6-satellite-capsule-6-beta-rpms | |
| yum info katello-installer yum install katello-installer Complete! | |
| Generate a Satellite Capsule Server certificate On the Satellite Server!!! | |
| On the Satellite6 server: [root@satellite6 ~]# | |
| capsule-certs-generate --capsule-fqdn satellite6-cap2.internal.priority-health.com --certs-tar ~/satellite6-cap2.internal.priority-health.com-certs.tar | |
| Installing | Done [100%] [.....] |
| Success! | |

To finish the installation, follow these steps:

1. Ensure that the capsule-installer is available on the system.
The capsule-installer comes from the katello-installer package and should be acquired through the means that are appropriate to your deployment.
2. Copy /root/satellite6-cap2.internal.priority-health.com-certs.tar to the system satellite6-cap2.internal.priority-health.com
3. Run the following commands on the capsule (possibly with the customized parameters, see capsule-installer --help and documentation for more info on setting up additional services):

```
rpm -Uvh http://satellite6.internal.priority-health.com/pub/katello-ca-consumer-latest.noarch.rpm
subscription-manager register --org "ACME_Corporation"
```

```
capsule-installer --parent-fqdn "satellite6.internal.priority-health.com" \
--register-in-foreman "true" \
--foreman-oauth-key "ktGSVhLrafgzmFtYBmNQqeCc5tpAkJ9L" \
--foreman-oauth-secret "RGaECf24jsXYeGDVHnVZNFCJZW8C5LKq" \
--pulp-oauth-secret "rMYr2gqpD5KEe5qJ9uT4gmMYYfEKTwwY" \
--certs-tar "/root/satellite6-cap2.internal.priority-health.com-certs.tar" \
--puppet "true" \
--puppetca "true" \
--pulp "true"
```

The full log is at /var/log/katello-installer/capsule-certs-generate.log
[root@satellite6 ~]#

Copy tar file to capsule server:
scp satellite6* root@satellite6-cap2:/root

Now on Satellite6-cap2 do:

The Install manual says to do: (error in subscription-manager cmd)

1. rpm -Uvh <http://sat6host.example.redhat.com/pub/katello-ca-consumerlatest.noarch.rpm>
2. subscription-manager register --org register --org "ACME_Corporation" --env [environment]/[content_view_name] -----<drop this>
HOWEVER, I have already completed this prior is order to get repo access from the satellite server & katello-install from History:
19 yum -y --nogpgcheck install
<http://satellite6.internal.priority-health.com/pub/katello-ca-consumer-satellite6.internal.priority-health.com-1.0-1.noarch.rpm>
20 subscription-manager register --org="priority_health" --environment="Library" --release=6.5
So I'll just continue... I want to do ii. listed below from the Install Guide:

ii. Option 2 - Satellite Capsule Server as a Content Node:

```
capsule-installer --parent-fqdn "satellite6.internal.priority-health.com" \
--register-in-foreman "false" \
--pulp-oauth-secret "rMYr2gqpD5KEe5qJ9uT4gmMYYfEKTwwY" \
--certs-tar "/root/satellite6-cap2.internal.priority-health.com-certs.tar" \
--puppet "true" \
--puppetca "true" \
--pulp "true"
```

```
Installing      Done [100%] [.....]
Success! * Capsule is running at https://satellite6-cap2.internal.priority-health.com:9090
The full log is at /var/log/katello-installer/capsule-installer.log
```

Now, when I continue with 5.4. Adding Lifecycle Environments,

in Satellite6 do:

```
[root@satellite6 ~]# hammer capsule list
---|-----|-----
ID | NAME | URL
---|-----|-----
1 | satellite6.internal.priority-health.com | https://satellite6.internal.priority-health.com:9090
---|-----|-----
```

```
[root@satellite6 ~]#
```

My capsule is missing.

So I looked back at the output from capsule-certs-generate, and it specified this for of the command which

I reran on the capsule server:

```
capsule-installer --parent-fqdn "satellite6.internal.priority-health.com"\  
                  --register-in-foreman "true"\  
                  --foreman-oauth-key "ktGSVhLrafgzMftYBmNQqeCc5tpAkJ9L"\  
                  --foreman-oauth-secret "RGaECf24jsXYeGDVHnVZNFCJZW8C5LKq"\  
                  --pulp-oauth-secret "rMYr2gqpD5KEe5qJ9uT4gmMYyfEKTvvY"\  
                  --certs-tar "/root/satellite6-cap2.internal.priority-health.com-cer  
ts.tar"\  
                  --puppet "true"\  
                  --puppetca "true"\  
                  --pulp "true"
```

Again, it completed successfully.

Now I see

```
[root@satellite6 ~]# hammer capsule list
```

```
--|-----|-----  
ID | NAME | URL  
--|-----|-----  
2 | satellite6-cap2.internal.priority-health.com | https://satellite6-cap2.internal.priority-health.com:9090  
1 | satellite6.internal.priority-health.com | https://satellite6.internal.priority-health.com:9090  
--|-----|-----
```

```
[root@satellite6 ~]# hammer capsule content available-lifecycle-environments --id 1
```

No data.

```
[root@satellite6 ~]# hammer capsule content available-lifecycle-environments --id 2
```

```
--|-----|-----  
ID | NAME | ORGANIZATION  
--|-----|-----  
4 | dev | priority health  
3 | Library | spectrum health  
5 | test | priority health  
1 | Library | ACME_Corporation  
6 | prod | priority health  
2 | Library | priority health  
--|-----|-----
```

```
[root@satellite6 ~]#
```

I don't know why --id 1 has No data. That is the capsule running on the primary satellite6 server.

```
[root@satellite6 ~]# hammer capsule content add-lifecycle-environment --id 2 --environment-id 1
```

Lifecycle environment successfully added to the capsule

```
[root@satellite6 ~]# hammer capsule content add-lifecycle-environment --id 2 --environment-id 2
```

Could not add the lifecycle environment to the capsule:

```
Task d2feb860-bc85-43de-9ef4-7d114d01809a: RuntimeError: Could not find node distributor for repository  
priority_health-Red_Hat_Enterprise_Linux_Server-Red_Hat_Enterprise_Linux_6_Server_ISOs_x86_64_6_5; RuntimeError: Could  
not find node distributor for repository  
priority_health-Red_Hat_Enterprise_Linux_Server-Red_Hat_Enterprise_Linux_6_Server_ISOs_x86_64_6Server; RuntimeError:  
Could not find node distributor for repository  
priority_health-Red_Hat_Satellite_6_Beta-Red_Hat_Satellite_6_0_Beta_for_RHEL_6_Server_ISOs_x86_64; RuntimeError: Could  
not find node distributor for repository  
priority_health-Red_Hat_Satellite_Capsule_6_Beta-Red_Hat_Satellite_Capsule_6_0_Beta_for_RHEL_6_Server_ISOs_x86_64
```

```
[root@satellite6 ~]# hammer capsule content add-lifecycle-environment --id 2 --environment-id 3
```

Lifecycle environment successfully added to the capsule

```
[root@satellite6 ~]# hammer capsule content add-lifecycle-environment --id 2 --environment-id 4
```

Lifecycle environment successfully added to the capsule

```
[root@satellite6 ~]# hammer capsule content add-lifecycle-environment --id 2 --environment-id 5
```

Lifecycle environment successfully added to the capsule

```
[root@satellite6 ~]# hammer capsule content add-lifecycle-environment --id 2 --environment-id 6
```

Lifecycle environment successfully added to the capsule

```
[root@satellite6 ~]#
```

Thanks,

Associated revisions

Revision fbc828c7 - 08/22/2014 10:37 AM - Justin Sherrill

fixes #7175 - do not treat iso repos as capsule syncable

Revision ac201dbd - 08/22/2014 11:23 AM - Justin Sherrill

Merge pull request #4596 from jlsherrill/7175

fixes #7175 - do not treat iso repos as capsule syncable

History

#1 - 08/20/2014 10:04 AM - Justin Sherrill

- Target version set to 55
- translation missing: en.field_release set to 13
- Difficulty set to easy
- Triaged changed from No to Yes

#2 - 08/20/2014 01:43 PM - The Foreman Bot

- Status changed from New to Ready For Testing
- Pull request <https://github.com/Katello/katello/pull/4596> added
- Pull request deleted ()

#3 - 08/22/2014 12:01 PM - Justin Sherrill

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

Applied in changeset [katello|fbc828c7fe7a424d9d445bbb34e632861f2f4338](#).