=== on the server ==== zoo repo is part of the product “test\_repo”

[root@mccvm182 ~]# katello -u admin -p admin package list --repo zoo\_repo --org HP\_LM\_Org --product test\_repo

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 Package List For Repo 3

 Id Name Filename

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 2cd78832-bb54-444a-afbf-d31a790bef27 penguin penguin-0.9.1-1.noarch.rpm

 d6df75e3-81da-45cb-ab62-00c10bbbeeba trout trout-0.12-1.noarch.rpm

 d55290bd-a229-420d-8049-979538ab7387 gorilla gorilla-0.62-1.noarch.rpm

 e8c5453a-ff3e-4e38-9f45-1074f6591aa3 elephant elephant-8.3-1.noarch.rpm

 0ed5b984-f6d9-41c3-8b53-5b77d75d6f1d giraffe giraffe-0.67-2.noarch.rpm

 2e84c603-9d3e-437a-a295-7101585456e5 cockateel cockateel-3.1-1.noarch.rpm

 0b26c71d-9f04-48ed-a5d8-4f450fb130ba frog frog-0.1-1.noarch.rpm

 4ac07a98-f7db-4e29-af81-74c3b6cf7fcb horse horse-0.22-2.noarch.rpm

 f8a0a591-f098-4c6d-bcc4-7837b1da5862 lion lion-0.4-1.noarch.rpm

 a03d4074-b364-4de0-8ff3-01eecfee52f0 tiger tiger-1.0-4.noarch.rpm

 4187d2da-6e29-4444-a784-096b16b44627 mouse mouse-0.1.12-1.noarch.rpm

 a68a9010-bb14-4072-80fb-510387be2b10 whale whale-0.2-1.noarch.rpm

 71ac044b-a8ae-43a9-9cb8-0b17aa11d1ff squirrel squirrel-0.1-1.noarch.rpm

 eb969be8-77f7-4447-91aa-781e0638e23f cow cow-2.2-3.noarch.rpm

 2183f49a-92ab-45d0-9e42-d7e2e11d6303 chimpanzee chimpanzee-0.21-1.noarch.rpm

 27d70788-5758-466f-8e74-5ed6205abaa8 duck duck-0.6-1.noarch.rpm

 8ddcad97-8b44-4fb0-b621-e6e68d6de12a dog dog-4.23-1.noarch.rpm

 674a9b94-f145-4ad7-87c7-4ae3c9eb8291 walrus walrus-5.21-1.noarch.rpm

 b1d5aba0-a418-4e3c-8a8a-a5e5d14da218 walrus walrus-0.71-1.noarch.rpm

 6b933f25-b855-4039-9979-db2c155371cd bear bear-4.1-1.noarch.rpm

 45f3a9e3-e1e6-49fd-b5c3-13a0723d79fa pike pike-2.2-1.noarch.rpm

 59a70a57-91c1-4d0e-a0fa-b0f6de3fee3f stork stork-0.12-2.noarch.rpm

 2bab6b98-e9a8-4484-b206-c53e7cee26da zebra zebra-0.1-2.noarch.rpm

 9e415332-90ee-456c-8af2-25f469933c9c wolf wolf-9.4-2.noarch.rpm

 c9bd1f0a-91e8-4f6c-9d34-2d8013e3f4a6 cat cat-1.0-1.noarch.rpm

 daae7d2f-c4ef-4cbb-bc63-c628bee999ce shark shark-0.1-1.noarch.rpm

 4f68875d-1cbe-4b76-86ba-140da6286b4d fox fox-1.1-2.noarch.rpm

 294d4228-cd97-4f15-9edf-522b18d88552 camel camel-0.1-1.noarch.rpm

 bd0b90be-e579-4f90-9a9a-78877c0c5a92 cheetah cheetah-1.25.3-5.noarch.rpm

 db094370-04a4-428d-8fc5-1eed4880fcfc crow crow-0.8-1.noarch.rpm

 76b22ea6-32de-4a76-85d6-6cb5da9982fa dolphin dolphin-3.10.232-1.noarch.rpm

 1622fb30-63f4-4fd9-8478-6d83e7a4fd95 kangaroo kangaroo-0.2-1.noarch.rpm

[root@mccvm182 ~]# katello -u admin -p admin package search --query='dog\*' --repo zoo\_repo --org HP\_LM\_Org --product test\_repo

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 Package List For Repo 3 and Query dog\*

 Id Name Filename

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 8ddcad97-8b44-4fb0-b621-e6e68d6de12a dog dog-4.23-1.noarch.rpm

=== on the client === client is subscribed to the test\_repo product which contains zoo\_repo

[root@mccvm179 yum.repos.d]# subscription-manager list --consumed

+-------------------------------------------+

 Consumed Subscriptions

+-------------------------------------------+

Subscription Name: test\_repo

Provides: test\_repo

SKU: 1345125668164

Contract: None

Account: None

Serial Number: 4678516267224277526

Active: True

Quantity Used: 1

Service Level:

Service Type:

Starts: 08/15/2012

Ends: 08/08/2042

Subscription Name: local\_repo

Provides: local\_repo

SKU: 1345128551424

Contract: None

Account: None

Serial Number: 4448226181230141646

Active: True

Quantity Used: 1

Service Level:

Service Type:

Starts: 08/15/2012

Ends: 08/08/2042

Attempt to install the “dog” package from the “test\_repo” fails with the following error on both the server and client:

=== on the server /var/log/pulp/pulp.log ===

2012-08-21 11:05:04,102 18326:140151376287488: gofer.rmi.policy:INFO: policy:139 sent (b32c88e2-64d8-43da-ae20-d4a240a01c7f):

{

 "classname": "Packages",

 "kws": {},

 "args": [

 [

 "dog"

 ],

 false

 ],

 "method": "install",

 "cntr": [

 [],

 {

 "importkeys": false

 }

 ]

}

2012-08-21 11:05:25,050 18326:140151376287488: pulp.server.tasking.task:ERROR: task:472 Task failed: Task 96331a40-eba1-11e1-a901-005056bc23ae: ConsumerApi.\_\_installpackages(b32c88e2-64d8-43da-ae20-d4a240a01c7f, ['dog'], )

Traceback (most recent call last):

 File "/usr/lib/python2.7/site-packages/pulp/server/tasking/task.py", line 418, in run

 result = self.callable(\*self.args, \*\*self.kwargs)

 File "/usr/lib/python2.7/site-packages/pulp/server/api/consumer.py", line 448, in \_\_installpackages

 return packages.install(names, reboot)

 File "/usr/lib/python2.7/site-packages/gofer/rmi/stub.py", line 72, in \_\_call\_\_

 return self.stub.\_send(request, opts)

 File "/usr/lib/python2.7/site-packages/gofer/rmi/stub.py", line 133, in \_send

 return self.\_\_send(request, options)

 File "/usr/lib/python2.7/site-packages/gofer/rmi/stub.py", line 164, in \_\_send

 any=opts.any)

 File "/usr/lib/python2.7/site-packages/gofer/rmi/policy.py", line 144, in send

 return self.\_\_getreply(sn, reader)

 File "/usr/lib/python2.7/site-packages/gofer/rmi/policy.py", line 181, in \_\_getreply

 return self.\_\_onreply(envelope)

 File "/usr/lib/python2.7/site-packages/gofer/rmi/policy.py", line 197, in \_\_onreply

 raise RemoteException.instance(reply)

InstallError: No package(s) available to install

=== on the client /var/log/gofer/agent.log ===

2012-08-21 11:05:05,732 [INFO][worker-0] dispatch() @ dispatcher.py:530 - dispatching:{

 "args": [

 [

 "dog"

 ],

 false

 ],

 "auth": {

 "secret": "16b1893f178dd2b4e5e5a885317781e53cbb1441fdffc5f801620eb9257d5760",

 "pam": null,

 "uuid": "b32c88e2-64d8-43da-ae20-d4a240a01c7f"

 },

 "classname": "Packages",

 "kws": {},

 "cntr": [

 [],

 {

 "importkeys": false

 }

 ],

 "method": "install"

}

2012-08-21 11:05:26,578 [ERROR][worker-0] \_\_call\_\_() @ dispatcher.py:488 - No package(s) available to install

Traceback (most recent call last):

 File "/usr/lib/python2.7/site-packages/gofer/rmi/dispatcher.py", line 485, in \_\_call\_\_

 retval = method(\*args, \*\*keywords)

 File "/usr/lib/gofer/plugins/katelloplugin.py", line 175, in install

 installed = p.install(names)

 File "/usr/lib64/gofer/plugins/package.py", line 176, in install

 yb.install(pattern=info)

 File "/usr/lib/python2.7/site-packages/yum/\_\_init\_\_.py", line 4157, in install

 raise Errors.InstallError, \_('No package(s) available to install')

InstallError: No package(s) available to install

2012-08-21 11:05:26,620 [INFO][worker-0] sendreply() @ rmi.py:158 - 3f999c95-7512-4ada-901c-788a1eacb177 processed in: 20.933 (seconds)

=== on client system, running “yum repolist” does not update redhat.repo file with subscribed repos configuration ===

[root@mccvm179 yum.repos.d]# subscription-manager list --consumed

+-------------------------------------------+

 Consumed Subscriptions

+-------------------------------------------+

Subscription Name: test\_repo

Provides: test\_repo

SKU: 1345125668164

Contract: None

Account: None

Serial Number: 4678516267224277526

Active: True

Quantity Used: 1

Service Level:

Service Type:

Starts: 08/15/2012

Ends: 08/08/2042

Subscription Name: local\_repo

Provides: local\_repo

SKU: 1345128551424

Contract: None

Account: None

Serial Number: 4448226181230141646

Active: True

Quantity Used: 1

Service Level:

Service Type:

Starts: 08/15/2012

Ends: 08/08/2042

[root@mccvm179 yum.repos.d]# subscription-manager refresh

All local data refreshed

[root@mccvm179 yum.repos.d]# yum repolist

Loaded plugins: langpacks, presto, product-id, refresh-packagekit, subscription-manager

This system is receiving updates from Red Hat Subscription Management.

repo id repo name status

fedora Fedora 16 - x86\_64 25,098

fedora-katello integrates together a series of open source systems management tools 1

fedora-subscription-manager Tools and libraries for Red Hat subscription management. 13

pulp-v1-stable Pulp v1 20

updates Fedora 16 - x86\_64 - Updates 9,990

repolist: 35,122

[root@mccvm179 yum.repos.d]# ls -l /etc/yum.repos.d/redhat.repo

-rw-r--r-- 1 root root 190 Aug 21 11:12 /etc/yum.repos.d/redhat.repo

[root@mccvm179 yum.repos.d]# cat /etc/yum.repos.d/redhat.repo

#

# Certificate-Based Repositories

# Managed by (rhsm) subscription-manager

#

# If this file is empty and this system is subscribed consider

# a "yum repolist" to refresh available repos

#

[root@mccvm179 yum.repos.d]#

[root@mccvm179 yum.repos.d]# yum install dog

Loaded plugins: langpacks, presto, product-id, refresh-packagekit, subscription-manager

This system is receiving updates from Red Hat Subscription Management.

No package dog available.

Error: Nothing to do