OSTree Support - Task #912

Importer needs to support additional configuration properties

04/23/2015 06:41 PM - jortel@redhat.com

Status:	CLOSED - CURRENTRELEASE	**Start date:**	
Priority:	High	**Due date:**	
Assignee:	jortel@redhat.com	**% Done:**	100%
Category:		**Estimated time:**	0:00 hour
Sprint/Milestone:			
Platform Release:		**Tags:**	Pulp 2
Target Release - OSTree:	1.0.0	**Sprint:**	May 2015
Groomed:	Yes	**Quarter:**	
Sprint Candidate:	Yes		

Description

The importer needs to support the following additional configuration properties:

Standard:

- KEY_SSL_CA_CERT = 'ssl_ca_cert'
- KEY_SSL_VALIDATION = 'ssl_validation'
- KEY_SSL_CLIENT_CERT = 'ssl_client_cert'
- KEY_SSL_CLIENT_KEY = 'ssl_client_key'

Custom:

- KEY_GPG = 'gpg_key'

Values are set in the remote options on remote-add.
(see: man ostree.repo-config):

```
    tls-client-cert-path = KEY_SSL_CLIENT_CERT
        Path to file for client-side certificate, to present when making requests to this repos
itory.

    tls-client-key-path = KEY_SSL_CLIENT_KEY
        Path to file containing client-side certificate key, to present when making requests to
 this repository.

    tls-ca-path = KEY_SSL_CA_CERT
        Path to file containing trusted anchors instead of the system CA database.

    tls-permissive = (not KEY_SSL_VALIDATION)
        A boolean value, defaults to false. By default, server TLS certificates will be checked
 against the system certificate store. If this variable is
        set, any certificate will be accepted.
    gpg-verify = (KEY_GPG is not None)
        A boolean value, defaults to true. Controls whether or not OSTree will require commits
to be signed by a known GPG key. For more information, see
        the ostree(1) manual under GPG.
```

The GPG key will need to be stored as keyring files in /usr/share/ostree/trusted.gpg.d
When a GPG key is specifed, gpg-verify=1 must be specified in the remote options.

Notes:

- Pulp stores the GPG keys in the DB.
- Find out if libostree can be handed the keys directly. If not, let's see if libostree can be changed to support a different file location.

Related issues:	
Blocks OSTree Support - Story #911: As a user, I want the CLI to support addi...	**CLOSED - CURRENTRELEASE**

Associated revisions

Revision 54e7c49a - 06/19/2015 07:10 PM - jortel@redhat.com

ref #912 - support ssl and gpg options.

History

#1 - 05/01/2015 08:49 PM - mhrivnak

- Tags Sprint Candidate added

#2 - 05/04/2015 09:56 PM - bmbouter

- Sprint Candidate set to Yes

- Tags deleted (Sprint Candidate)

#3 - 05/08/2015 08:07 PM - bmbouter

- Groomed set to No

#4 - 05/08/2015 08:30 PM - jortel@redhat.com

- Description updated

#5 - 05/08/2015 08:31 PM - mhrivnak

- Priority changed from Normal to High

- Groomed changed from No to Yes

#6 - 05/08/2015 08:59 PM - mhrivnak

- Blocks Story #911: As a user, I want the CLI to support additional settings used to sync with the remote. added

#7 - 05/13/2015 09:28 PM - jortel@redhat.com

- Status changed from NEW to ASSIGNED

- Assignee set to jortel@redhat.com

- Sprint/Milestone set to 16

#8 - 05/13/2015 11:07 PM - jortel@redhat.com

- % Done changed from 0 to 30

#9 - 05/13/2015 11:21 PM - jortel@redhat.com

We also need to support:

```
# Hostname or IP of the proxy server
KEY_PROXY_HOST = 'proxy_host'

# Port used to contact the proxy server
KEY_PROXY_PORT = 'proxy_port'

# Username for an authenticated proxy server
KEY_PROXY_USER = 'proxy_username'

# Password for an authenticated proxy server
KEY_PROXY_PASS = 'proxy_password'
```

Mapped to a remote configuration:

```
     proxy
         A string value, if given should be a URL for a HTTP proxy to use for access to this repository.
```

#10 - 05/14/2015 10:11 PM - jortel@redhat.com

The atomic project has just merged this PR: https://github.com/GNOME/ostree/pull/107 which supports managing GPG keyrings for each remote and is stored in the ostree repository directory.

The PR is the resolution to: https://bugzilla.gnome.org/show_bug.cgi?id=729592.

Not sure when it will land in a packaged release.

#11 - 05/26/2015 06:24 PM - jortel@redhat.com

- % Done changed from 30 to 40

Submitted patch to libostree (upstream): https://github.com/GNOME/ostree/pull/115

#12 - 05/26/2015 06:38 PM - jortel@redhat.com

- % Done changed from 40 to 70

#13 - 05/28/2015 04:42 PM - jortel@redhat.com

PR https://github.com/GNOME/ostree/pull/115 accepted and merged upstream.

Troubleshooting an issue with the ostree team. I don't think that ostree should still be looking in /usr/share/ostree/trusted.gpg.d for keyrings when there is a remote specific keyring defined. The directory not-found is also an issue.

```
$ sudo -u apache ostree --repo=content remote gpg-import jeff -k /tmp/j.asc
Imported 1 GPG key to remote "jeff"

$ sudo -u apache ostree --repo=content pull jeff rhel-atomic-host/7/x86_64/standard

error: Reading keyring directory '/usr/share/ostree/trusted.gpg.d' No such file or directory
```

#14 - 05/28/2015 06:08 PM - jortel@redhat.com

Filed BZ: https://bugzilla.gnome.org/show_bug.cgi?id=750049 on advice from Matthew Barnes (OSTree Development Team).

#15 - 05/29/2015 09:55 PM - jortel@redhat.com

Issues signing a commit:

```
$ sudo rpm-ostree compose sign --key=30170657 --rev=rhel-atomic-host/7/x86_64/standard --repo=.
error: Failed to execute child process "rpm-sign" (No such file or directory)
```

Filed: https://bugzilla.gnome.org/show_bug.cgi?id=750119

#16 - 06/02/2015 06:14 PM - jortel@redhat.com

Looks like

```
rpm-ostree compose sign
```

has been deprecated. Using

```
ostree gpg-sign
```

instead.

Bug: https://bugzilla.gnome.org/show_bug.cgi?id=750119 closed on recommendation of OSTree team.

#17 - 06/12/2015 12:32 AM - jortel@redhat.com

Getting a SIGABRT on subsequent PULL operations after a failed PULL related to GPG validation. This results in termination of the pulp worker.

Filed upstream: https://bugzilla.gnome.org/show_bug.cgi?id=750813

#18 - 08/04/2015 03:10 PM - jortel@redhat.com

- Status changed from ASSIGNED to MODIFIED

#19 - 02/11/2016 09:03 PM - rbarlow

- Status changed from MODIFIED to CLOSED - CURRENTRELEASE

- % Done changed from 70 to 100

- Target Release - OSTree set to 1.0.0

#20 - 03/08/2018 07:18 PM - bmbouter

- Sprint set to May 2015

#21 - 03/08/2018 07:18 PM - bmbouter

- Sprint/Milestone deleted (16)

#22 - 04/15/2019 10:50 PM - bmbouter

- Tags Pulp 2 added