

Katello - Bug #6875

[RFE] Support for custom server certificates

08/01/2014 05:08 AM - Ivan Necas

Status: Closed	
Priority: High	
Assignee: Ivan Necas	
Category: Installer	
Target version: Katello 2.0	
Difficulty: hard	Fixed in Releases:
Triaged: Yes	Found in Releases:
Bugzilla link: 873753	Red Hat JIRA:
Pull request: https://github.com/Katello/katello-installer/pull/94	
Description	
Cloned from https://bugzilla.redhat.com/show_bug.cgi?id=873753	
Description of problem: System Engine generates its own CA Cert during install and uses it for the Web UI and signing other certs used for communication between pulp, candlepin, and AMQP.	
Issues with this, outlined at https://fedorahosted.org/katello/wiki/CertsRedesign , along with a lot more detail are:	
<pre>all server certs are signed by Candlepin CA Candlepin CA serves as both server cert and CA cert its key is not password protected its key is accessible by three system users certs are not trusted no multihome support</pre>	
Version-Release number of selected component (if applicable): System Engine 1.1 Beta	
Thus far https://bugzilla.redhat.com/show_bug.cgi?id=754728 to document the process for replacing the CA with a subordinate CA signed by our CA has not been completed, and I have been told that the process will not be supported until 2.0.	
How reproducible: Always	
Steps to Reproduce: 1. Install System Engine	
Actual results: See that the CA Cert created during install is used as the server cert and the CA Cert for signing other certs. Look for documentation on replacing the CA Cert with a subordinate CA signed by your organizations CA and see that there is none.	
Expected results: We should be able to replace the cert for the Web UI with a standard SSL cert signed by our CA. We should also have the option of replacing the CA Cert created during install with a subordinate CA cert signed by our CA Cert.	
Additional info:	
Related issues:	
Has duplicate Katello - Feature #5296: As a user, I would like to have the se...	Duplicate 04/21/2014

Associated revisions

Revision b9cdaea2 - 08/01/2014 05:12 AM - Ivan Necas

Refs #6875 - Update the modules to the changes in puppet-certs module

Revision b9cdaea2 - 08/01/2014 05:12 AM - Ivan Necas

Refs #6875 - Update the modules to the changes in puppet-certs module

Revision dff469d9 - 08/15/2014 09:54 AM - Ivan Necas

Refs #6875 - separate the default CA and server CA

Up until now, we used the default CA for both server and client certificates. This made practically impossible to issue the server certificates outside of the installer and pass it in as arguments.

By default, the server CA is the same as default CA, unless the `$server_ca_cert` is specified.

In the bootstrap rpm, we ship both server CA (for verifying the server) as well the default CA (for verifying the qpid by the gofer).

Revision e72e7a99 - 08/18/2014 08:41 AM - Ivan Necas

Refs #6875 - deploy the server cert for the pulp node to verify the parent

Revision 1f2c75a8 - 08/18/2014 08:43 AM - Ivan Necas

Refs #6875 - set the path to the server cert according to cert params

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Refs #6875 - set the path to the server cert according to cert params

Revision da188398 - 08/19/2014 06:42 AM - Ivan Necas

Merge pull request #12 from iNecas/issue/6875

Refs #6875 - Update the modules to the changes in puppet-certs module

Revision da188398 - 08/19/2014 06:42 AM - Ivan Necas

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Refs #6875 - Update the modules to the changes in puppet-certs module

Revision f9da521d - 08/19/2014 06:43 AM - Ivan Necas

Merge pull request #25 from iNecas/issue/6875

Refs #6875 - separate the default CA and server CA

Revision dd1f7dae - 08/19/2014 06:48 AM - Ivan Necas

Fixes #6875 - Ability to pass own server certs for apache and smart-proxy

Also ability to renew the sever or all certs

Revision e25877fd - 08/19/2014 06:55 AM - Ivan Necas

Refs #6875,#7115 - Update pulp,certs and capsule module

Revision 494ea150 - 08/19/2014 07:02 AM - Ivan Necas

Merge pull request #94 from iNecas/issue/6875

Fixes #6875 - Ability to pass own server certs for apache and smart-proxy

History

#1 - 08/01/2014 05:09 AM - Ivan Necas

- Status changed from New to Assigned

#2 - 08/01/2014 05:09 AM - Ivan Necas

- Category changed from Web UI to Installer

#3 - 08/01/2014 05:09 AM - Ivan Necas

- Target version set to 54

#4 - 08/04/2014 10:35 AM - Eric Helms

- *Difficulty set to hard*
- *Triaged changed from No to Yes*

#5 - 08/04/2014 11:38 AM - The Foreman Bot

- *Status changed from Assigned to Ready For Testing*
- *Pull request <https://github.com/Katello/katello-installer/pull/94> added*
- *Pull request deleted ()*

#6 - 08/18/2014 08:33 AM - Eric Helms

- *Target version changed from 54 to 55*

#7 - 08/18/2014 02:56 PM - Eric Helms

- *Has duplicate Feature #5296: As a user, I would like to have the server certificates used at install time be signed by a client CA. added*

#8 - 08/19/2014 08:02 AM - Ivan Necas

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

Applied in changeset [katello-installer|dd1f7daeafcd67a4d98c8d7165f883ec4a9e0e7a](#).

#9 - 08/22/2014 09:24 AM - Eric Helms

- *translation missing: en.field_release set to 13*