

Installer - Bug #37063

Add feature in katello-certs-check to verify if CA bundle has any certificates with trust rules

01/18/2024 05:48 PM - Joniel Pasqualetto

Status: Closed	
Priority: Normal	
Assignee:	
Category:	
Target version:	
Difficulty:	Fixed in Releases: 3.11.0
Triaged: No	Found in Releases:
Bugzilla link: 2259026	Red Hat JIRA:
Pull request: https://github.com/theforeman/foreman-installer/pull/909	
Description	
Description of problem:	
Trust rules on a certificate indicate what are the accepted uses for it. Some users may have a CA bundle where one of the certificates includes trust rules (maybe incorrectly).	
The default validation done by katello-certs-check does not complain about it. The bundle can be used without problems on Satellite 6.14+ but fails on 6.13 (at least, didn't check older versions).	
Also, when thinking about clients of Satellite, RHEL8+ can trust the bundle that contains trust rules but RHEL7 will have problems (when using libcurl) trusting that.	
So, accepting a bundle like this will potentially break the Satellite installation (foreman-proxy is the component failing on 6.13 when using it) and also break the access to Satellite for RHEL7 hosts.	
Version-Release number of selected component (if applicable):	
How reproducible:	
Steps to Reproduce:	
1. Have a CA certificate and add a trust rule to it:	
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<pre>openssl x509 -in ca_cert.pem -addtrust serverAuth -out ca_trust_rule.pem</pre>	
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2. Check with katello-certs-check and there will be no complaints about it.	
Actual results:	
katello-certs-check does not complaint about having a CA bundle in a format that may break satellite and/or client access to satellite	
Expected results:	
katello-certs-check should point that there is an issue with the bundle	
Additional info:	

Associated revisions

Revision 931b6fcd - 04/03/2024 05:27 PM - Joniel Pasqualetto

Fixes #37063 - Add feature in katello-certs-check to verify if CA bundle has any certificates with trust rules

- Add feature to verify if provided CA bundle has certificates with trust rules
- Add test case for the new feature

- Fix indentation on function check-ca-bundle-size

History

#1 - 01/18/2024 05:55 PM - The Foreman Bot

- Status changed from New to Ready For Testing
- Pull request <https://github.com/theforeman/foreman-installer/pull/909> added

#2 - 04/03/2024 05:27 PM - The Foreman Bot

- Fixed in Releases 3.11.0 added

#3 - 04/03/2024 06:00 PM - Joniel Pasqualetto

- Status changed from Ready For Testing to Closed

Applied in changeset [installer|931b6fcd9c583c9ede62373a09c7b4e9ca85b0c4.](#)