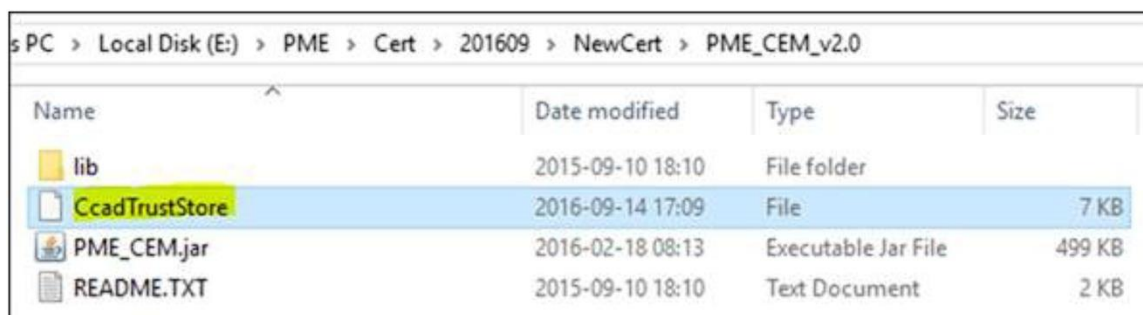


Cisco Converged Encryption Manager (CEM) Required Update to Support SHA-256 Certificates

PB738000

Background

ARRIS Technical Bulletin (Sept 2016) stated that Arris Encryption Renewal System [ERS] server would be using only SHA-256 certificates from October 24, 2016. All applications that communicate with the ERS server must use the new SHA-256 certificates. The Cisco CEM product interfaces with the Arris ERS server to deliver Video Encryption license certificates for Privacy Mode Encryption (PME) that is performed by the Cisco RFGW-10 or cBR-8 platforms. The CEM application uses the certificates in the 'CcadTrustStore' file to establish a connection with the ERS Server.



Name	Date modified	Type	Size
lib	2015-09-10 18:10	File folder	
CcadTrustStore	2016-09-14 17:09	File	7 KB
PME_CEM.jar	2016-02-18 08:13	Executable Jar File	499 KB
README.TXT	2015-09-10 18:10	Text Document	2 KB

Recommendation

All customers who use the CEM application should download the CEM_v2.0 image with the updated trust store file at

<https://software.cisco.com/download/release.html?i=ly&mdfid=286283913&softwareid=286285521&release=2.0&os=>

Alternatively, in order to make the CEM application use the updated 'CcadTrustStore' file while establishing connections with the ERS, the following steps have to be done:

1. Close the CEM application.
2. Replace the CcadTrustStore file in the directory with the one (size 7 KB) in the zip file.
3. Start the CEM application.

Other Information

The ARRIS technical bulletin referencing this change to new SHA-256 certificates can be found here: ATB16-039 SHA-256 Certificate Migration for CAS Products.




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