***How To:***

* If the file */system/etc/security/cacerts.bks* exists on your device, refer to this tutorial:
  + *http://wiki.cacert.org/FAQ/ImportRootCert#Android\_Phones*

**Method 1:**

1. Add certificate to Android Keychain
   * Settings – Security – Install from Storage
2. Move the new file
   * **From:** */data/misc/keychain/cacertsadded/*
   * **To:** */system/etc/security/cacerts/*

**Method 2:**

1. Save your certificate in the *PEM* format
2. Get the subject of the certificate:
   * *openssl x509 inform PEM <subject\_hash in Certificate File>*
     + It should be in a format similar to: *0b112a89*
3. Save the certificate into a text file with
   * *openssl x509 inform PEM <text in CERTIFICATE.FILE> > yourcert.txt*
4. Switch the PEM section and the text:
   * "*BEGIN CERTIFICATE[...]*” *must* be at beginning of file
5. Rename file to: *0b112a89.0* *(****replace*** *with the* ***subject*** *from* ***step 2****)*
6. Copy file to: */system/etc/security/cacerts/*
   * Make sure permissions are set to 0644 (rw-r-r)
     + chmod 0644 <certificate name>
7. Certificate should now show under trusted certificate list
8. If the above doesn't work:
   * Disable/enable the certificate in Android Settings,
     + This creates a file in */data/misc/keychain/cacertsadded/*
   * Move that file to /system/etc/security/cacerts/ and delete your original file from **step 6**

*Source:*

* *http://stackoverflow.com/a/18390177/819367*
* *http://forum.xda-developers.com/google-nexus-5/help/howto-install-custom-cert-network-t2533550*