

Android Certificate Warning Toast Removal

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If `/system/etc/security/cacerts.bks` exists on your device, refer to CAcert wiki, then continue
http://wiki.cacert.org/FAQ/ImportRootCert#Android_Phones_.26_Tablets

1. Method 1:

- a. Add certificate to Android Keychain
 - I. **Settings** → **Security** → **Install from Storage**
- b. Move certificate from userland to system trusted
 - I. **Android < 5.0**
 - A. Move new file
 - i. **From:** `/data/misc/keychain/cacertsadded/`
 - ii. **To:** `/system/etc/security/cacerts/`
 - II. **Android > 5.0**
 - A. Move new file
 - i. **From:** `/data/misc/user/0/cacerts-sadded/`
 - ii. **To:** `/system/etc/security/cacerts/`

2. Method 2:

- a. Save certificate with .pem extension
- b. Garnish subject of certificate:
 - I. `openssl x509 -inform PEM -subject_hash -in 0b112a89.0`
 - A. Should be similar to: `0b112a89`
- c. Save certificate as text:
 - I. `openssl x509 -inform PEM -text -in 0b112a89.0 > 0b112a89.0.txt`
- d. Swap PEM section and text:
 - I. `--BEGIN CERTIFICATE--` must be at top of file
- e. Rename file `0b112a89.0`
 - I. Replace with subject from *step b*
- f. Copy file to: `/system/etc/security/cacerts/`
- g. Set permissions:
 - I. `chmod 644 0b112a89.0`
- h. Certificate should be listed under:
 - I. **Settings** → **Security** → **Trusted Credentials - System**
 - A. If it's still under **User**:
 - i. Disable/Re-Enable certificate in Android Settings
 - i. This creates a file in `/data/misc/keychain/cacertsadded/`
 - ii. Move that file to `/system/etc/security/cacerts/`
 - iii. Delete original file from *step f*

Sources:

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