

Server SSL certificates checking while Websocket connection establishing

By default, Android SDK delegates SSL certificates checking to the system level while establishing secure Websocket connection to a server. On the system level, in its turn, server certificate is compared with system certificate storage content.

In this case, if the server uses self-signed certificate (for debugging purposes), this certificate will not pass the checking. Therefore since build [1.0.1.73](#) the session option `SessionOptions.trustAllCertificates` is added, `false` by default. To accept any certificates including self-signed ones, this option should be set to true

```
SessionOptions sessionOptions = new SessionOptions(url);
sessionOptions.trustAllCertificates(true);
```

Usage example:

[code](#)

```
private CheckBox mTrustAllCer;
...
mTrustAllCer = (CheckBox) findViewById(R.id.trust_all_certificates_default);
...
/**
 * The options for connection session are set.
 * WCS server URL is passed when SessionOptions object is created.
 * SurfaceViewRenderer to be used to display video from the camera is set
with method SessionOptions.setLocalRenderer().
 * SurfaceViewRenderer to be used to display preview stream video received
from the server is set with method SessionOptions.setRemoteRenderer().
 */
SessionOptions sessionOptions = new SessionOptions(url);
sessionOptions.setLocalRenderer(localRender);
sessionOptions.setRemoteRenderer(remoteRender);
sessionOptions.trustAllCertificates(mTrustAllCer.isChecked());
```

Warning

This must be used for testing purposes only. The application trusting any certificate will not pass Google Play (or any alternative store) moderation

