

# Software

## [Java] Bypass Checking Sertifikat SSL

```
package id.darodata.testing;

import java.io.BufferedWriter;
import java.io.File;
import java.io.FileWriter;
import java.io.InputStream;
import java.net.URL;
import java.security.SecureRandom;
import java.security.cert.X509Certificate;

import javax.net.ssl.HttpURLConnection;
import javax.net.ssl.SSLContext;
import javax.net.ssl.TrustManager;
import javax.net.ssl.X509TrustManager;

public class IgnoreInvalidSSL {

    private static TrustManager[] get_trust_mgr() {
        TrustManager[] certs = new TrustManager[] {
            new X509TrustManager() {
                public X509Certificate[] getAcceptedIssuers() { return null
; }
                public void checkClientTrusted(X509Certificate[] certs, Str
ing t) { }
                public void checkServerTrusted(X509Certificate[] certs, Str
ing t) { }
            }
        };
        return certs;
    }

    public static void main(String[] args) {

        try{
            String url = "https://test.darodata.id";
            URL urlc = new URL(url);
            java.lang.System.setProperty("https.protocols", "TLSv1.2");
            SSLContext ssl_ctx = SSLContext.getInstance("TLS");
            TrustManager[] trust_mgr = get_trust_mgr();
            ssl_ctx.init(null, // key manager
                trust_mgr, // trust manager
                new SecureRandom()); // random number ge
```

# Software

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        HttpURLConnection.setDefaultSSLContext(ssl_ctx
        .getSocketFactory());

    HttpURLConnection conn = (HttpURLConnection)urlc.openConnection();
    conn.setRequestProperty("User-Agent", "AppleWebKit/537.36");
    conn.setDoInput(true);
    conn.setDoOutput(true);
    InputStream is = conn.getInputStream();
    int read = -1;
    StringBuffer sb = new StringBuffer();
    File f = new File("D:\\test.txt");
    while((read = is.read()) > -1){
        sb.append((char)read);
    }
    FileWriter fw = new FileWriter(f);
    BufferedWriter bw = new BufferedWriter(fw);
    bw.write(sb.toString());
    bw.close();
    is.close();
} catch (Exception e) {
    e.printStackTrace();
}
}
```

Unique solution ID: #1011

Author: Sena Turana

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