

# 1 SmartPhone development guides

---

Security-related adaptations are needed for the client side: smartphone (Cordova) and other systems (Java, UT8). Java function calls the IAM and gets the Token ID. This Token ID will be added in the header to make any call to the MoveUs platform services.

```
public static void login() throws Exception{
    /*
     * This fix is for SSL https connection. All-trusting host name verifier.
     */
    TrustManager[] trustAllCerts = new TrustManager[] {
        new X509TrustManager() {
            public java.security.cert.X509Certificate[] getAcceptedIssuers() {
                return null;
            }
            public void checkServerTrusted(X509Certificate[] certs, String
                authType) { }
        }
    };
    SSLContext sc = SSLContext.getInstance("SSL");
    sc.init(null, trustAllCerts, new java.security.SecureRandom());
    HttpURLConnection.setDefaultSSLConnectionFactory(sc.getSocketFactory());
    // Create all-trusting host name verifier
    HostnameVerifier allHostsValid = new HostnameVerifier() {
        public boolean verify(String hostname, SSLSession session) {
            return true;
        }
    };
    // Install the all-trusting host verifier
    HttpURLConnection.setDefaultHostnameVerifier(allHostsValid);
    /*
     * end of the fix
     */
    URL url = new URL(iamhost+"iam/json/authenticate");
    HttpURLConnection connection = (HttpURLConnection) url.openConnection();
    connection.setRequestMethod("POST");
    connection.setRequestProperty("X-OpenAM-Username", "moveus-server-test");
    connection.setRequestProperty("X-OpenAM-Password", "Welcome1");
    connection.setRequestProperty("Accept", "application/json");
    String output;
    String strXML;
    StringBuilder builder = new StringBuilder();
    BufferedReader br = new BufferedReader(new
        InputStreamReader((connection.getInputStream())));

    while ((output = br.readLine()) != null) {
        builder.append(output);
    }
    strXML=builder.toString();
    System.out.println(strXML);
    connection.disconnect();
}
```

From the browser, the data in the header goes directly to a parameter called moveusID.

The tokenID would be the "iPlanetDirectoryPro" parameter in the Cookie.