Kiuru MSSAPI Release 5
Product Fact Sheet
v1.3

Product Description

The *Kiuru MSSAPI* SDK (Software Development Kit) helps you implement mobile signature services on the Application Provider's service. *Kiuru MSSAPI* is a software tool for accessing MSSP and its services. *Kiuru MSSAPI* provides Java interface and hides the complexity of creating Mobile Signature Service requests.

In addition to the ETSI M-COMM standard function set, *Kiuru MSSAPI* provides OASIS Digital Signature Services (DSS) interface for mobile signature message validation and the *Kiuru MReg* registration extensions as well as SAML2 assertions, SPML2 access and support for MSSP Metadata.

Introduction

A programmer uses *Kiuru MSSAPI* to write a client application for communicating with an MSSP. *Kiuru MSSAPI* creates MSS requests, handles SSL connections, and takes care of Additional Services and MSS responses. *Kiuru MSSAPI* uses common application development tools and methods. It is easy to integrate with software you need for application environments like Tomcat, WebSphere or Apache web servers. Java JAAS module can be used to integrate mobile signature services with modern server software, such as Identity Provider servers, without any software development.

Product Features

Programming Interfaces
- Java 6 and 7 compatible Java MSS API
- Apache Ant build file
- SOAP client and handlers
- Java implementation for all message XML elements

Sample Source Code
Sample applications can be used as a starting point for developing your own MSS web services.

Compiled Java Binaries and Libraries
MSS API includes compiled Java binaries and all libraries needed for compiling and running a client.

JavaDocs
Java documentation of the MSS API

XML Documents
Standard XML schemas are included for reference.
- ETSI MSS standard schemas
- FiCom 2.0 MSS extensions
- OASIS DSSv1.0 schema

Client Side Features
Java client is on a new SOAP engine. The SOAP client contains fixes for SOAP interoperability and thread safety. You can easily fine tune Java client's properties by using your own handlers. Methics' PasswordToken profile WS-Security support.

Software Building Tools
Building tools are used for building your own application. The following tools are included:
- An Ant script for building the MSS API Java reference client.
- Sources for sample clients

Standards Conformance

- ETSI TS 102 204 V1.1.4 (2003-08)
- OASIS DSS v1.0 (validation request)
- RCF 5280 PKIX
- RFC 2246 SSL/TLS support
- MSSP Metadata 1.0
- MSS Registration Extension (Kiuru MReg 1.0.1)
- OASIS SAML2 Assertions (attribute provider)

Software Requirements

Kiuru MSSAPI software requirements:
- 16 MB of disk space, Internet connection, Web browser
- Java 6 or 7 SDK

For More Information

See also Kiuru MSSP product fact sheets to find out how to build infrastructure for mobile signature services. For more information, call us at

    tel.   +358 (0)9 5840 0188
    e-mail   methics.sales@methics.fi

About Methics

Methics Ltd is a privately held company, which has developed PKI and wireless PKI products for application providers and operators and built unique security and performance testing tools for operators. The company focuses on security applications and digitizing customer relationship, processes and customer interaction.

Kiuru is a registered trademark of Methics Ltd in Finland and other countries.

Methics Ltd, Vuorikatu 16, FIN-00100 Helsinki
Business ID: 1778566-8
www.methics.fi