

Kiuru Admin Release 5

Product Fact Sheet

v.1.3

Product Description

Secure management of mobile identity life cycle is a key part of the digital economy. *Kiuru Admin* is a secure tool for managing mobile users, SIM cards and Application Providers of the Mobile Signature Service.

Kiuru Admin server enables a secure service management portal for different user roles. You can control the service management rights for each role and server set-up. Kiuru Admin portal can be installed in a preferred location independent of the MSSPs, and it has both web and command-line interfaces.

Kiuru Admin connects to a Kiuru MSSP over ETSI TS 102 204 SOAP interface and uses the MReg and SPML2 interfaces for management operations. Allowed operations and parameters for each role are defined in an XML configuration file. Each role runs UseCase definitions which provide configurable management operation flows and flow control. This is also how Kiuru Admin can act as an application firewall.

Key Features

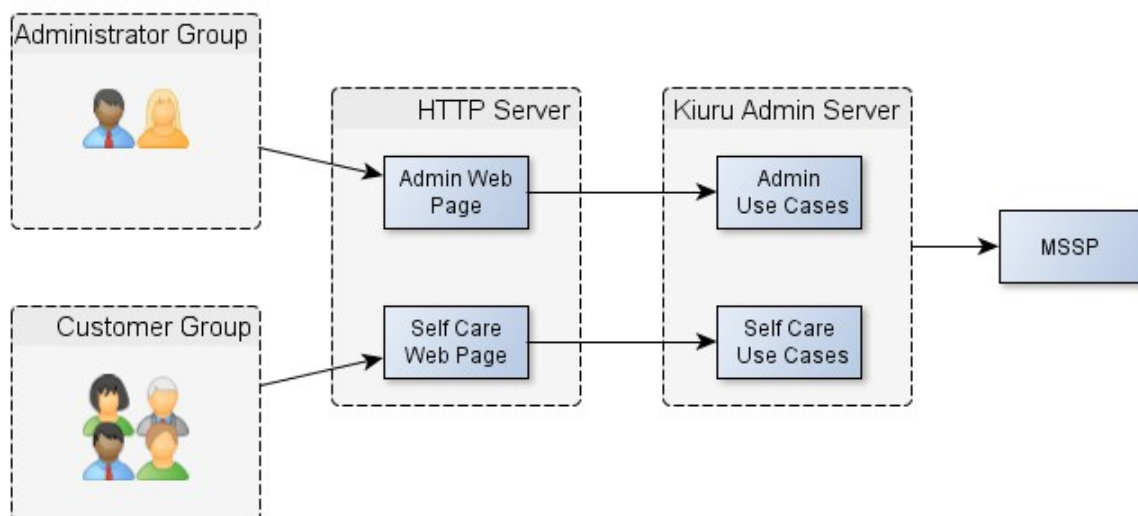
Application Firewall

Kiuru Admin has a configurable XML interface module which allows Kiuru Admin to run only allowed registration operations and parameters depending on the user role. This interface can be used to run various SOAP protocols such as MReg, SPML2 etc.

Programmable UseCases

Administration tasks are defined as configurable *UseCases*. A *UseCase* may consist of a single operation or multiple sequential operations. *UseCase* parameters can contain default values and the return values can be passed between operations.

UseCases can be customized for different roles.



Role-Based Service Management

Kiuru Admin serves multiple roles. *UseCases* can be defined per role. This way, the UseCase designer can make a decision in which situations the role can add/modify/delete a specific parameter or value. Additionally the MSSP server logs all operations and authenticates the client/user by using standard mutual SSL authentication and WSSE.

REST

Kiuru Admin Server provides a RESTful JSON interface for executing *UseCases* and managing their life-cycle.

Standards

Server

JSR-000315 Servlet 3.0 (Apache Tomcat 7);
RFC 4627, application/json Media Type for JavaScript;
Object Notation (JSON) ;
Fielding, R., "Architectural Styles and the Design of Network-based Software Architectures", 2000;

Security

RFC 5246, Transport Layer Security Protocol;
WSSE, Web Services Security, UsernameToken Profile, OASIS Open;

Mobile Signature Service

ETSI TS 102 204 V1.1.4 (2003-08);

About Methics

Methics Oy is a privately held consulting company specialized in subscriber management and data communication infrastructure development for security, service management and business intelligence. The company offers Java technology based software products under Kiuru-trademark. Kiuru products provide open standard based services for service provisioning and mobile signature services.