

Kiuru WebManager - Product Fact Sheet

v.2.1

Product Description

Kiuru WebManager is a Java based GUI for managing services on Kiuru MSSP. WebManager provides operations such as running user provisioning, registration, management, logging overview and AP account management. WebManager supplements the transnational CLI tool for MSSP operations.

WebManager makes the Kiuru MSSP service management easy. It converts the input on web to a SOAP request and sends the request to the MSSP. The MSSP processes the request, and returns a SOAP response. Connection to MSSP is established over the standard ETSI TS 102 204 SOAP interface. The interface uses the MReg messages for management operations MReg provides over 100 different secure management operations for mobile identity life cycle.

WebManager consists of frontend and backend servers. One backend server can handle multiple frontend servers and each frontend server can handle dedicated management operations.

Operations

Kiuru WebManager wraps up the following operations for Mobile ID service:

Registration Authority operations

- i. *Mobile User Management*: This operation group completes the user registration and activation. The activate operation sets the state of mobile user to Active, Inactive or Registered.
- ii. *AP Account Management*: This operation provides AP account management operations.

Log view

- i. *OTA Logs*: The Alauda OTA functionality at HomeMSSP logs SMSC communication events, and Kiuru WebManager provides GUI for reading these logs. OTA Logging can provide data view to SMSC accounts that communicate via SMPP.
- ii. *Audit Logs*: All WebManager transactions are logged in WebManager database. Logs can be filtered by registration agent.

Statistics

- i. *OTA stats*: Displays Alauda OTA statistics from each configured HMSSP instance.
- ii. *Home dashboard stats*: Home dashboard provides statistics of total users and performed signatures

Service Testing Signature

- i. Service Testing to ping phone and Get MobileUser details.

Key Features

Intuitive to use

The Kiuru WebManager is a simple tool which is easy to use. A user can execute each step independently and see the response and the results on a screen.

Easy to deploy

WebManager is easy to deploy. WebManager consists of:

- i) Frontend
- ii) Backend and
- iii) Database

The Frontend works with Docker Nginx with reverse proxy server and Vue.js.

Supported databases are PostgreSQL and Cassandra. The Backend is bundled together with Kiuru ME MSSP.

Various system roles

Kiuru WebManager provides an interface with different system roles for users based on customer needs. Default system roles are: i) Admin, ii) Registration user, iii) Validation user, iv) Auditor

Fast login options

Kiuru WebManager provides an interface to log into the system by either using Mobile ID or username/password.

Remote Subscriber Management

The Kiuru WebManager is available to the RA and BSS operations personnel to easily and quickly manage subscriber lifecycle without low-level administrative access to the MSSP platform.

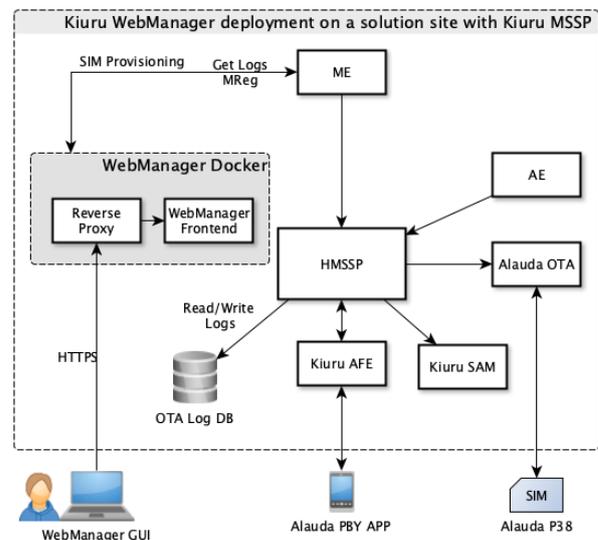
Standards

Server

JSR-000340 Servlet 3.1 (Apache Tomcat 8); RFC 4627, application/json Media Type for JavaScript; Object Notation (JSON);

Security

RFC 5246, RFC 7519: JSON Web Token (JWT), Transport Layer Security Protocol; WSSE, Web Services Security, RFC 3416 (SNMPv2c), UsernameToken Profile, OASIS Open,



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