

LSE LinOTP

RADIUS authentication with One Time Passwords (OTP) at Linux backend

RADIUS (Remote Authentication Dial In User Service) is an open standard (RFC2865) for authenticating users. For the first time **LSE LinOTP** enables you to authenticate users with the Aladdin eToken NG-OTP at a completely Linux based backend. A RADIUS server is running at a sensitive location in your network, since it manages the access to your network resources from the internet. Here you can gain maximum security by using the eToken NG-OTP implementing the open algorithm HMAC-OTP (RFC4226) and by using mostly open software in the **LSE LinOTP** backend.

Components

LSE LinOTP integrates into FreeRADIUS and OpenLDAP seamlessly. The central component of **LSE LinOTP** is the FreeRADIUS module, which - based on the HMAC-OTP algorithm - calculates the next OTP value. The Aladdin eToken NG-OTP are initialized with an administrative component, that can be automated easily and thus be integrated into your existing processes.

Functionality

The user authenticates with its username and password and the OTP value at e.g. a website or a VPN connection. This RADIUS client forwards the credentials and the authentication request to the RADIUS server. The RADIUS server - in fact the radius module of **LSE LinOTP** - requests the HMAC Key of the corresponding user from the LDAP and calculates the next OTP value. The RADIUS server responds to the request accordingly.

Licenses

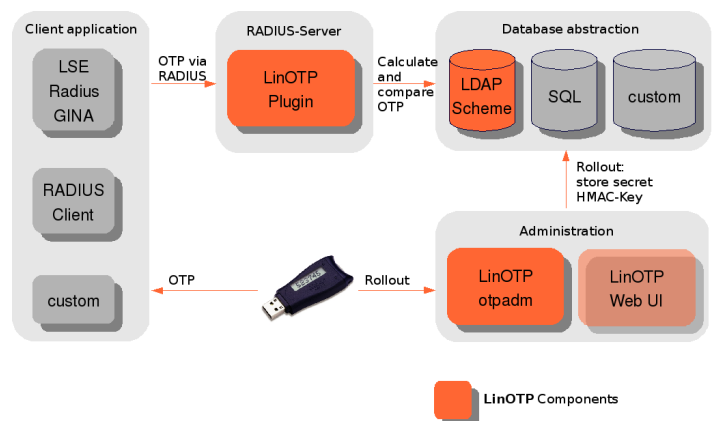
The run time components of **LSE LinOTP** (the FreeRADIUS module and the connector library) are licensed under the GPLv2. The administrative component for initializing the eToken NG-OTP, the documentation and scripts are to be licensed from LSE. Please ask for our prices.

Expandability

Based on the GPLv2 you got the possibility to enhance the functionality of the FreeRADIUS module for authentication, by implementing new aspects or you may conduct your own audits and code reviews on the software.

An Overview to LSE LinOTP

- Completely Linux-based
- Based on FreeRADIUS 1.3/2.0
- Runtime components GPLv2
- Implements HMAC-OTP
- Supports Aladdin eTokenNG-OTP, Aladdin eToken PASS, Safeword Alpine, LSE MobileOTP
- Supports OpenLDAP
- Database abstraction layer



LSE Leading Security Experts GmbH
Robert-Koch-Straße 9
D-64331 Weiterstadt, Germany
+49 (0) 6151/9067-0
<http://www.lsexperts.de>
info@lsexperts.de

LSE is a company of

max 21
Unternehmensgruppe