

## Security Solutions

# OpenOTP™ LDAP Bridge

PROVIDES MFA OVER  
THE STANDARD LDAP

- What is LDAP Bridge?
- How does it work?

OpenOTP LDAP Bridge (LDProxy) provides multi-factor authentication with OTP or push over the standard LDAP protocol. With LDAP Bridge you can also, **integrate a large variety of third-party products and systems with multi-factor authentication**, even if these systems only support LDAP as authentication back-end.

To achieve this, LDProxy acts as the **LDAP server for your applications receiving authentication requests (LDAP bind)**.

The main use-case of LDProxy is to integrate Enterprise applications that only support LDAP as an external authentication mechanism. LDProxy includes configurations to distinguish which authentication requests are delegated to the OpenOTP server and which are forwarded directly to your LDAP back-end. It's able to forward the LDAP requests from your applications to an LDAP back-end, allowing you to keep your existing LDAP integration unchanged..

**LDAP Bridge supports single-factor authentication with a password, OTP, or push.** The OpenOTP authentication policies are very flexible and can be configured on a per-client basis. Moreover, authentication policies can be defined based on various factors such as applications, users, groups, dates, time, etc.

## MAIN KEY FEATURES LDAP integrations support most OpenOTP features

- ✓ 100% compatible with LDAP client applications
- ✓ Robust implementation built with OpenLDAP
- ✓ Distinguishes system accounts and user accounts (OTP)
- ✓ LDAP+OTP is supported with password concatenation
- ✓ Transparently forwards LDAP requests to the LDAP back-end
- ✓ Authentication policies per client application or group of users
- ✓ High availability with cluster of multiple LDAP bridges
- ✓ High performances with hundreds of requests per second
- ✓ Bridges all the OpenOTP functionalities (Tokens, Yubikey, SMSOTP, MailOTP..)

## LDAP INTEGRATIONS

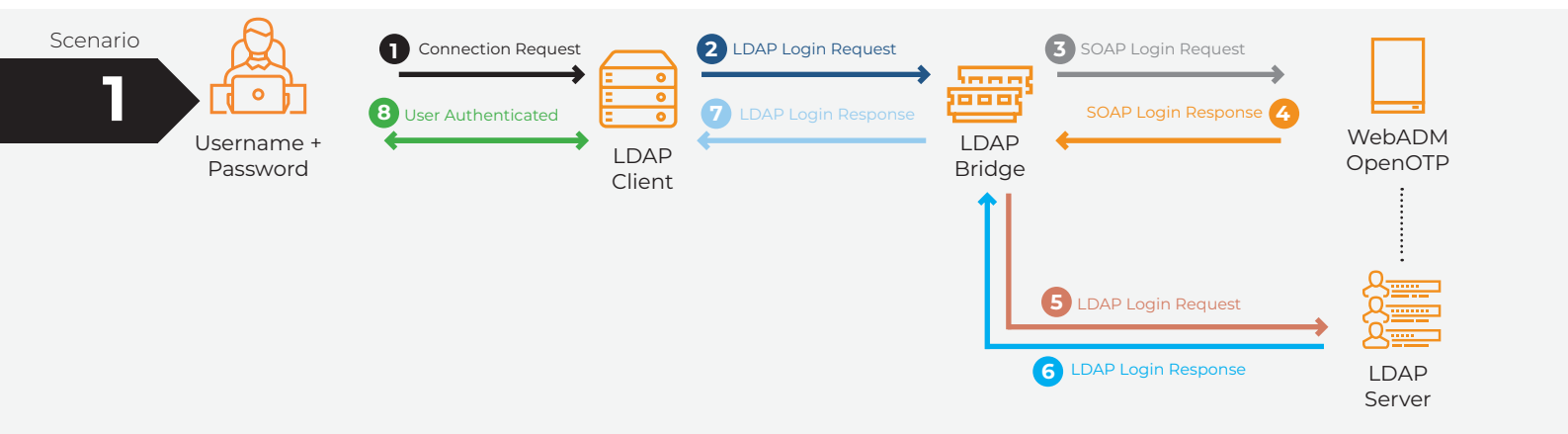
LDAP Bridge provides an LDAP interface to OpenOTP. It is included in your OpenOTP license at no extra charge.

LDAP is the most widely supported authentication protocol adopted by all major Enterprise products on the market from HP, IBM, Oracle, BMC...

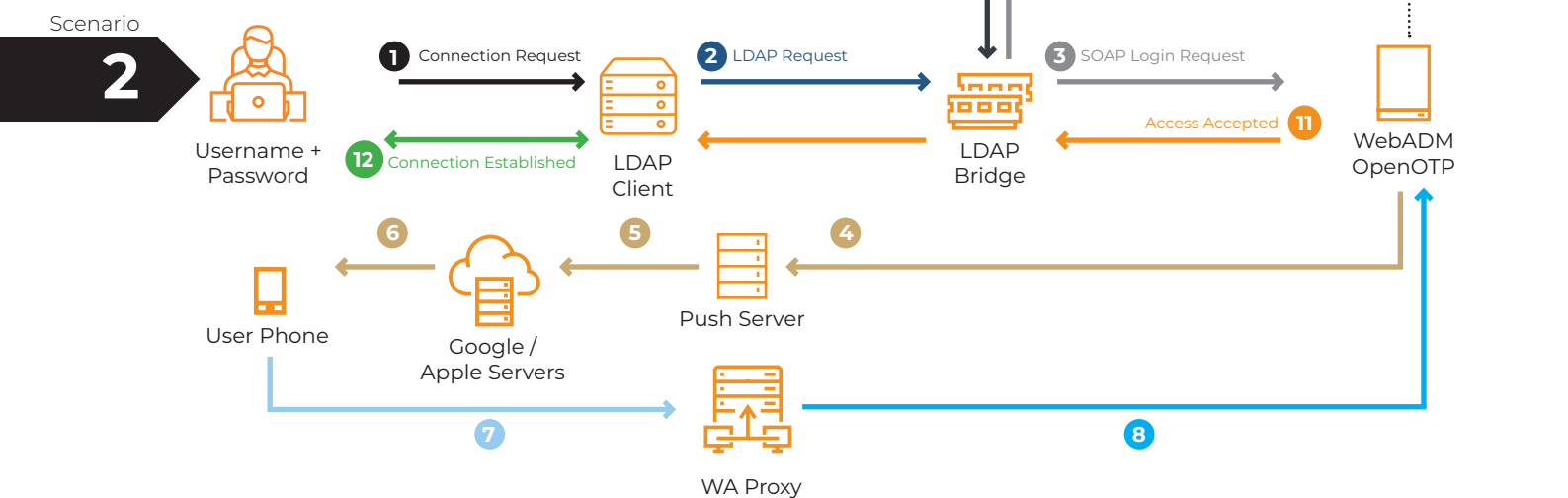
## ARCHITECTURE DIAGRAMS

The diagrams below describe typical authentication flow with LDAP Bridge. Scenario one shows a username + password + OTP authentication process. Scenario two replaces the OTP with One-Tap login with Approve/Deny on OpenOTP mobile token:

### Authentication with OpenOTP through LDAP Bridge using password and OTP



### Authentication with OpenOTP through LDAP Bridge password and Push Token



**RCDevs**  
Security Solutions

RCDevs is an award-winning security company specialized in next-generation two-factor authentication. RCDevs is building its growing reputation with high-quality security software and excellent customer satisfaction.

### MULTIPLE AWARD-WINNING

RCDevs received the Sesames Award for the Best Innovation Discovery, the Commendation Award at SC Magazine for the Best SME Security Solution.

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