



MESSAGE TEMPLATES

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Message Templates

[language](#) [message templates](#) [translations](#)

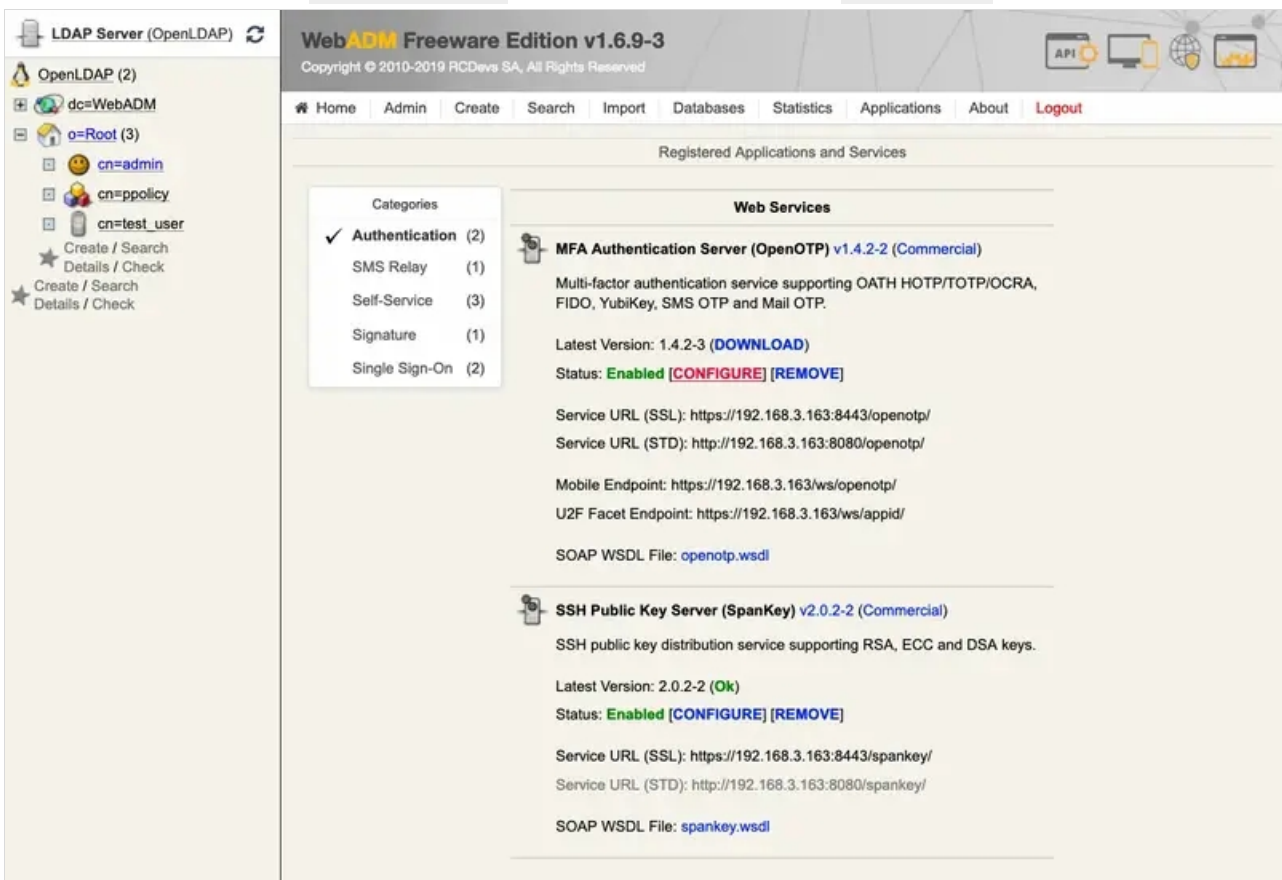
1. Overview

This guide will reveal where to look for the message templates, how-to modify the English message templates and how-to add another language.

2. Message Templates

2.1 OpenOTP

Log into the WebADM GUI, under [Applications](#), choose OpenOTP and click on [CONFIGURE](#).



The screenshot displays the WebADM Freeware Edition v1.6.9-3 interface. The left sidebar shows the LDAP Server (OpenLDAP) tree with nodes for OpenLDAP (2), dc=WebADM, o=Root (3), cn=admin, cn=ppolicy, and cn=test_user. The main content area is titled "Registered Applications and Services" and lists "Web Services". The "Authentication" category is selected, showing a list of services: MFA Authentication Server (OpenOTP) v1.4.2-2 (Commercial), SSH Public Key Server (SpanKey) v2.0.2-2 (Commercial), SMS Relay (1), Self-Service (3), Signature (1), and Single Sign-On (2). The MFA Authentication Server (OpenOTP) v1.4.2-2 (Commercial) service is expanded, showing details: Multi-factor authentication service supporting OATH HOTP/TOTP/OCRA, FIDO, YubiKey, SMS OTP and Mail OTP. Latest Version: 1.4.2-3 (DOWNLOAD). Status: Enabled [CONFIGURE] [REMOVE]. Service URL (SSL): https://192.168.3.163:8443/openotp/. Service URL (STD): http://192.168.3.163:8080/openotp/. Mobile Endpoint: https://192.168.3.163/ws/openotp/. U2F Facet Endpoint: https://192.168.3.163/ws/appid/. SOAP WSDL File: openotp.wsdl. The SSH Public Key Server (SpanKey) v2.0.2-2 (Commercial) service is also expanded, showing details: SSH public key distribution service supporting RSA, ECC and DSA keys. Latest Version: 2.0.2-2 (Ok). Status: Enabled [CONFIGURE] [REMOVE]. Service URL (SSL): https://192.168.3.163:8443/spankey/. Service URL (STD): http://192.168.3.163:8080/spankey/. SOAP WSDL File: spankey.wsdl.

Under [MAIL OTP](#), one can change the default [Email Subject](#).

LDAP Server (OpenLDAP)

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API

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MAIL OTP

Use Secure Email Yes No (default)
Encrypt OTP email with the user certificate public key (S-MIME).

Email Delivery Mode
Ondemand: A new OTP is sent when the user starts an authentication process.
Prefetch: The next OTP is sent after the user performed an authentication.

Email Subject

Note: Sender email should be configured with 'org_from' setting in WebADM config file.

OpenLDAP (2)
dc=WebADM
o=Root (3)
cn=admin
cn=ppolicy
cn=test_user
Create / Search
Details / Check
Create / Search
Details / Check

Scroll down to [Message Templates](#) to find the other message templates for OpenOTP.

LDAP Server (OpenLDAP)

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Message Templates

<input checked="" type="checkbox"/> Auth Failed Message	Invalid username or password	Localized
<input checked="" type="checkbox"/> Auth Cancel Message	Mobile authentication cancelled	Localized
<input checked="" type="checkbox"/> Auth Retry Message	Wrong password, please retry	Localized
<input checked="" type="checkbox"/> Auth Success Message	Authentication success	Localized
<input checked="" type="checkbox"/> SMS/MAIL OTP Message	<p>Hello %USERNAME%. Your access code for %CLIENT% is %OTP%.</p>	Localized

%USERNAME%: The user full name.
 %USERID%: The user login name.
 %USERDN%: The user LDAP DN.
 %DOMAIN%: The user domain name.
 %CLIENT%: The client system ID.
 %SOURCE%: The request source IP address.
 %OTP%: The one-time password value.
 %TYPE%: The one-time password method(s).
 %TIMEOUT%: The Challenge session timeout (in seconds).
 %EXPIRES%: The expiration date and time.
 %SERVICE%: The configured service name.

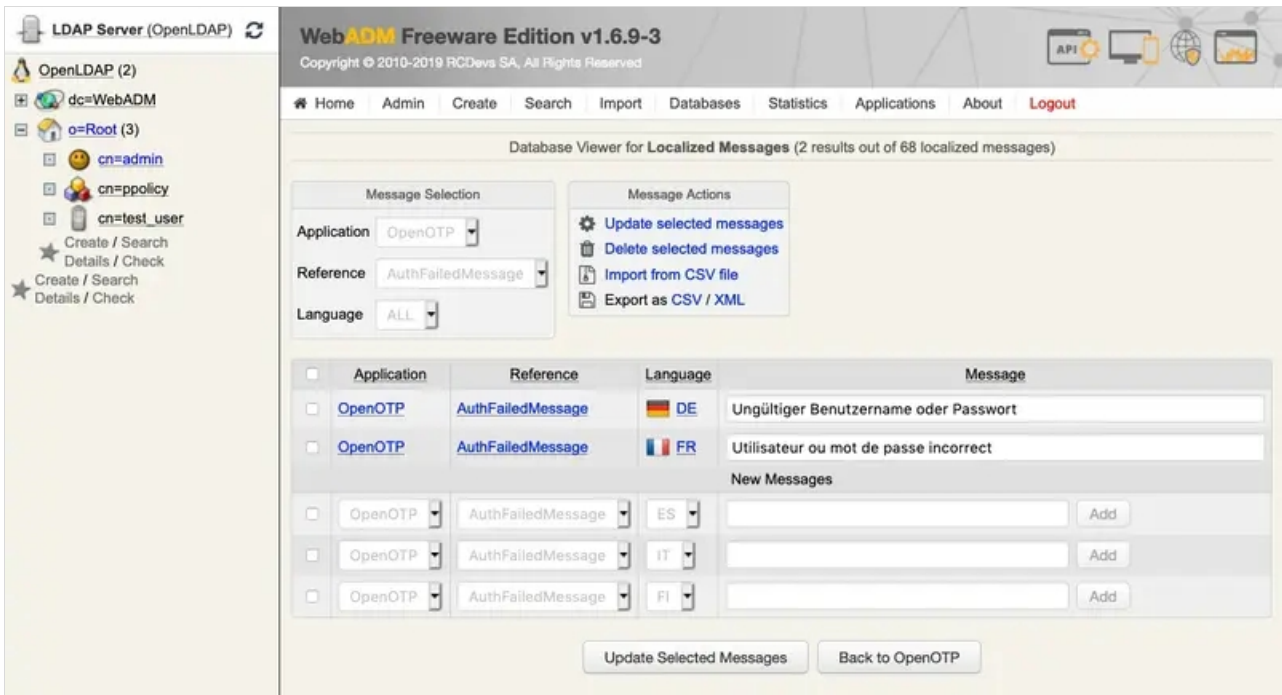
<input checked="" type="checkbox"/> Mobile Push Message	New login request from %CLIENT% at %SERVICE%	Localized
<input checked="" type="checkbox"/> Mobile MSS Message	New login request from %CLIENT% at %SERVICE%	Localized
<input checked="" type="checkbox"/> Challenge Message	Enter your %TYPE% password	Localized

See OTP Message above for available variables.

<input checked="" type="checkbox"/> Invalid Request Message	Invalid authentication request	Localized
<input checked="" type="checkbox"/> Invalid Account Message	Account missing required data	Localized
<input checked="" type="checkbox"/> Account Blocked Message	Your account has been blocked	Localized
<input checked="" type="checkbox"/> Account Locked Message	Account currently in use	Localized
<input checked="" type="checkbox"/> Password Expired Message	Your LDAP password expired or must be changed	Localized
<input checked="" type="checkbox"/> Token Expired Message	Your Token has expired and must be re-registered	Localized
<input checked="" type="checkbox"/> No Session Message	Session not started or timedout	Localized
<input checked="" type="checkbox"/> Session Exists Message	Session already started	Localized
<input checked="" type="checkbox"/> Timer Exists Message	Blocking timer pending	Localized
<input checked="" type="checkbox"/> Server Error Message	Server error	Localized
<input checked="" type="checkbox"/> Server Busy Message	Client access denied or server busy. Retry later	Localized

Apply Cancel Reset

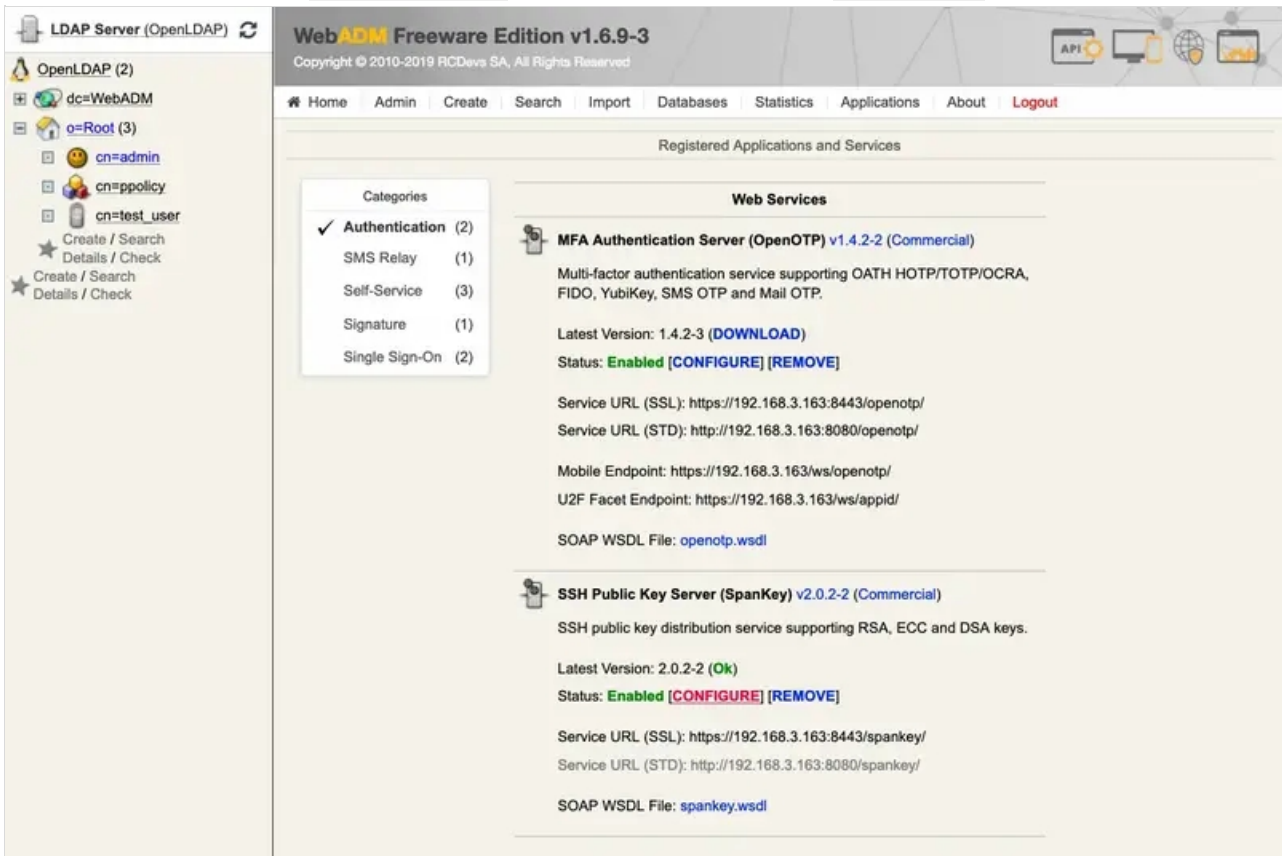
Here the English message templates can be modified. If you want to add or modify another language then click on [Localized](#).



Message templates for other languages can be added here. One can export/import as/from a CSV file. Per default, only the languages “EN”, “FR”, “DE”, “ES”, “IT”, “FI” are available. However, one can add more by adding it to `/opt/webadm/conf/webadm.conf`. Have a look at the chapter [2.7 Localized Messages](#).

2.2 SpanKey

Log into the WebADM GUI, under **Applications**, choose SpanKey and click on **CONFIGURE**.



Under **User Notifications**, one can add the **Notification Email Subject**.

The screenshot shows the 'User Notifications' configuration page in WebADM. The left sidebar displays the LDAP hierarchy: OpenLDAP (2), dc=WebADM, o=Root (3), cn=admin, cn=ppolicy, and cn=test_user. The main content area has a title 'User Notifications' and a navigation menu with Home, Admin, Create, Search, Import, Databases, Statistics, Applications, About, and Logout. The configuration options are:

- Send Expire Notification**: A dropdown menu is set to 'MAIL'. Below it, text reads: 'Send a notification email/SMS to the user when his LDAP password or SSH key expired.'
- Notification Email Subject**: A text input field contains 'SSH Access Notification' and a 'Localized' button is to its right.
- Send Self-Registration Links**: Radio buttons for 'Yes' and 'No (default)' are present. Below it, text reads: 'Automatically send a self-registration email/SMS to the user when the SSH key has expired. Note: Requires the SelfReg WebApp to be installed.'
- Send Password Reset Links**: Radio buttons for 'Yes' and 'No (default)' are present. Below it, text reads: 'Automatically send a password reset email/SMS to the user password expired or must be changed. Note: Requires the PwReset WebApp to be installed.'

Scroll down to **Message Templates** to find the other message templates for SpanKey.

The screenshot shows the 'Message Templates' configuration page in WebADM. The left sidebar is identical to the previous screenshot. The main content area has a title 'Message Templates' and the same navigation menu. The configuration options are:

- Pubkey Failed Message**: Text input field contains 'Invalid user or user not found' and a 'Localized' button is to its right.
- Request Success Message**: Text input field contains 'Operation success' and a 'Localized' button is to its right.
- Invalid Request Message**: Text input field contains 'Invalid request' and a 'Localized' button is to its right.
- Auth Failed Message**: Text input field contains 'Invalid password' and a 'Localized' button is to its right.
- Invalid Account Message**: Text input field contains 'Account missing required data' and a 'Localized' button is to its right.
- Missing Server Tag Message**: Text input field contains 'Account missing required server tag' and a 'Localized' button is to its right.
- Password Required Message**: Text input field contains 'Enter your LDAP password' and a 'Localized' button is to its right.
- Password Expired Message**: Text input field contains 'Your LDAP password expired or must be changed' and a 'Localized' button is to its right.
- Pubkey Expired Message**: Text input field contains 'SSH public key expired' and a 'Localized' button is to its right.
- Timer Exists Message**: Text input field contains 'Blocking timer pending' and a 'Localized' button is to its right.
- No Session Message**: Text input field contains 'Session not started or timedout' and a 'Localized' button is to its right.
- Server Error Message**: Text input field contains 'Server error' and a 'Localized' button is to its right.
- Server Busy Message**: Text input field contains 'Client access denied or server busy. Retry later' and a 'Localized' button is to its right.

At the bottom of the page, there are three buttons: 'Apply' (highlighted in blue), 'Cancel', and 'Reset'.

Here the English message templates can be modified. If you want to add or modify another language then click on **Localized**.

The screenshot shows the WebADM Freeware Edition v1.6.9-3 interface. The left sidebar displays the LDAP Server (OpenLDAP) configuration, including the OpenLDAP (2) tree with nodes for dc=WebADM, o=Root (3), and various users like cn=admin, cn=ppolicy, and cn=test_user. The main content area is titled 'Database Viewer for Localized Messages (2 results out of 69 localized messages)'. It features a 'Message Selection' panel with filters for Application (SpanKey), Reference (RequestFailedMessage), and Language (ALL). A 'Message Actions' panel offers options like 'Update selected messages', 'Delete selected messages', 'Import from CSV file', and 'Export as CSV / XML'. Below these is a table of localized messages:

Application	Reference	Language	Message
SpanKey	RequestFailedMessage	DE	Ungültiger Benutzer oder Benutzer nicht gefunden
SpanKey	RequestFailedMessage	FR	Utilisateur non valide ou utilisateur introuvable

Below the table is a 'New Messages' section with a form to add new localized messages for different languages (ES, IT, FI, LU). At the bottom, there are buttons for 'Update Selected Messages' and 'Back to SpanKey'.

Message templates for other languages can be added here. One can export/import as/from a CSV file. Per default, only the languages “EN”, “FR”, “DE”, “ES”, “IT”, “FI” are available. However, one can add more by adding it to `/opt/webadm/conf/webadm.conf`. Have a look at the chapter [2.7 Localized Messages](#).

2.3 Secure Password Reset (PwReset)

Log into the WebADM GUI, under `Applications`, choose Secure Password Reset (PwReset) and click on `CONFIGURE`.

LDAP Server (OpenLDAP)

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Registered Applications and Services

Categories	Web Applications
Authentication (2)	<p> Secure Password Reset (PwReset) v1.0.12-1 (Freeware)</p> <p>Use this Web application to securely reset your LDAP or Domain password when it is lost or expired.</p> <p>Latest Version: 1.0.12-1 (Ok)</p> <p>Status: Enabled [CONFIGURE] [REMOVE]</p> <p>Available Languages: FR,DE</p> <p>WebApp URL: https://192.168.3.163/webapps/pwreset/</p>
SMS Relay (1)	
✓ Self-Service (3)	
Signature (1)	<p> User Self-Service Desk (SelfDesk) v1.1.8-1 (Freeware)</p> <p>Use this Web application to edit your account details, reset password, manage OTP tokens or FIDO devices...</p> <p>Latest Version: 1.1.8-1 (Ok)</p> <p>Status: Enabled [CONFIGURE] [REMOVE]</p> <p>Available Languages: FR,DE</p> <p>WebApp URL: https://192.168.3.163/webapps/selfdesk/</p>
Single Sign-On (2)	

OpenLDAP (2)

- dc=WebADM
- o=Root (3)
 - cn=admin
 - cn=ppolicy
 - cn=test_user
- Create / Search Details / Check
- Create / Search Details / Check

Under **Email & SMS Settings**, one can change the **Email Subject**. Under **Message Templates** to find the other message templates for Secure Password Reset (PwReset). Here, the English message templates can be modified.

LDAP Server (OpenLDAP)

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API

Home Admin Create Search Import Databases Statistics Applications About Logout

Email & SMS Settings

Email Subject

Note: Sender email should be configured with 'org_from' setting in WebADM config file.

Secure Email Yes No (default)

Encrypt email with the user certificate public key (S-MIME).

SMS Message Type

Flash (class 0) SMS are not stored on the mobile phone.

Authentication Backend

Default Auth Backend

Defines which login page will be displayed by default.

TiQR Poll Interval

Interval between Ajax request status checks in seconds.

Message Templates

Email Message

%USERNAME%: The user common name.
%USERID%: The user login name.
%DOMAIN%: The user domain name.
%URL%: The one-time link (URL).
%TIMEOUT%: The link expiration date.

SMS Message

See Email Message above for available variables.

If you want to add or modify another language then have a look at the following folder

</opt/webadm/webapps/pwreset/lang/>.

```
-bash-4.2# ls -lha /opt/webadm/webapps/pwreset/lang/
total 52K
drwxr-xr-x 2 root root 226 Feb 26 17:18 .
drwxr-xr-x 7 root root 224 Feb 26 17:23 ..
-rw-r--r-- 1 root root 490 Feb 22 12:55 cancel.json
-rw-r--r-- 1 root root 5.0K Feb 22 12:55 common.json
-rw-r--r-- 1 root root 5.9K Feb 22 12:55 home.json
-rw-r--r-- 1 root root 181 Feb 22 12:55 index.json
-rw-r--r-- 1 root root 684 Feb 22 12:55 login_pki.json
-rw-r--r-- 1 root root 20 Feb 22 12:55 login_sso.json
-rw-r--r-- 1 root root 573 Feb 22 12:55 login_uid.json
-rw-r--r-- 1 root root 20 Feb 22 12:55 logout.json
-rw-r--r-- 1 root root 631 Feb 22 12:55 openotp.json
-rw-r--r-- 1 root root 1.1K Feb 22 12:55 tiqr.json
-rw-r--r-- 1 root root 725 Feb 22 12:55 tiqr_offline.json
```

For example, to translate or modify the sentence `Server error`, edit the following file

`/opt/webadm/webapps/pwreset/lang/common.json` like below.

```
-bash-4.2# vi /opt/webadm/webapps/pwreset/lang/common.json
{
  "OpenOTP is not installed or configured": {
    "FR": "OpenOTP n'est pas installé ou configuré",
    "DE": "OpenOTP ist nicht installiert oder konfiguriert"
  },
  "Server error": {
    "FR": "Erreur du serveur",
    "DE": "Serverfehler"
  },
  ...
```

Add a new language, for example `DE`, then modify `languages="FR,DE"` to the following file

`/opt/webadm/webapps/pwreset/pwreset.xml` just like below.

```
-bash-4.2# vi /opt/webadm/webapps/pwreset/pwreset.xml
<?xml version="1.0" encoding="UTF-8" ?>

<!-- YOU SHOULD NOT NEED TO MODIFY THIS FILE -->

<WebApp name="PwReset"
  icon="pwreset.png"
  version="1.0.12-1"
  wapi="51" eapi="2"
  admcss="style.css"
  section="Self-Service"
  license="freeware"
  languages="FR,DE"
  desc="Secure Password Reset"
  help="Use this Web application to securely reset your LDAP or Domain password when it is lost or
expired.">
  ...
```

2.4 User Self-Service Desk (SelfDesk)

If you want to add or modify another language then have a look at the following folder

`/opt/webadm/webapps/selfdesk/lang/`.

```
-bash-4.2# ls -lha /opt/webadm/webapps/selfdesk/lang/
total 280K
drwxr-xr-x 2 root root 4.0K Feb 26 17:57 .
drwxr-xr-x 5 root root 148 Feb 26 17:56 ..
```

```
-rw-r--r-- 1 root root 1.1K Feb 22 12:55 appkeys.json
-rw-r--r-- 1 root root 2.0K Feb 22 12:55 appkeys_register.json
-rw-r--r-- 1 root root 1004 Feb 22 12:55 appkeys_unregister.json
-rw-r--r-- 1 root root 16K Feb 22 12:55 common.json
-rw-r--r-- 1 root root 517 Feb 22 12:55 drop_emergency.json
-rw-r--r-- 1 root root 20 Feb 22 12:55 drop_otplist.json
-rw-r--r-- 1 root root 419 Feb 22 12:55 drop_prefix.json
-rw-r--r-- 1 root root 394 Feb 22 12:55 edit_emergency.json
-rw-r--r-- 1 root root 448 Feb 22 12:55 edit_mailmode.json
-rw-r--r-- 1 root root 455 Feb 22 12:55 edit_otpfallback.json
-rw-r--r-- 1 root root 444 Feb 22 12:55 edit_otplength.json
-rw-r--r-- 1 root root 502 Feb 22 12:55 edit_otptimeout.json
-rw-r--r-- 1 root root 419 Feb 22 12:55 edit_otptype.json
-rw-r--r-- 1 root root 2.2K Feb 22 12:55 edit_password.json
-rw-r--r-- 1 root root 1.6K Feb 22 12:55 edit_pincode.json
-rw-r--r-- 1 root root 1020 Feb 22 12:55 edit_prefix.json
-rw-r--r-- 1 root root 369 Feb 22 12:55 edit_pushlogin.json
-rw-r--r-- 1 root root 361 Feb 22 12:55 edit_securemail.json
-rw-r--r-- 1 root root 397 Feb 22 12:55 edit_simplereg.json
-rw-r--r-- 1 root root 436 Feb 22 12:55 edit_smsmode.json
-rw-r--r-- 1 root root 423 Feb 22 12:55 edit_smstype.json
-rw-r--r-- 1 root root 340 Feb 22 12:55 edit_ssoenabled.json
-rw-r--r-- 1 root root 463 Feb 22 12:55 edit_ssotimeout.json
-rw-r--r-- 1 root root 840 Feb 22 12:55 edit_userinfos.json
-rw-r--r-- 1 root root 1.4K Feb 22 12:55 index.json
-rw-r--r-- 1 root root 1.5K Feb 22 12:55 login_pki.json
-rw-r--r-- 1 root root 2.2K Feb 22 12:55 login_uid.json
-rw-r--r-- 1 root root 20 Feb 22 12:55 logout.json
-rw-r--r-- 1 root root 1.4K Feb 22 12:55 openid.json
-rw-r--r-- 1 root root 7.1K Feb 22 12:55 openotp.json
-rw-r--r-- 1 root root 1.4K Feb 22 12:55 openotp_disable.json
-rw-r--r-- 1 root root 2.4K Feb 22 12:55 openotp_download.json
-rw-r--r-- 1 root root 20 Feb 22 12:55 openotp_listdrop.json
-rw-r--r-- 1 root root 1.2K Feb 22 12:55 openotp_listinit.json
-rw-r--r-- 1 root root 399 Feb 22 12:55 openotp_listview.json
-rw-r--r-- 1 root root 674 Feb 22 12:55 openotp_logintest.json
-rw-r--r-- 1 root root 13K Feb 22 12:55 openotp_register.json
-rw-r--r-- 1 root root 5.4K Feb 22 12:55 openotp_resync.json
-rw-r--r-- 1 root root 453 Feb 22 12:55 openotp_unblock.json
-rw-r--r-- 1 root root 139 Feb 22 12:55 openotp_unregister.json
-rw-r--r-- 1 root root 1.4K Feb 22 12:55 openu2f.json
-rw-r--r-- 1 root root 1.3K Feb 22 12:55 openu2f_logintest.json
-rw-r--r-- 1 root root 3.4K Feb 22 12:55 openu2f_register.json
-rw-r--r-- 1 root root 696 Feb 22 12:55 openu2f_removeall.json
-rw-r--r-- 1 root root 248 Feb 22 12:56 openu2f_unregister.json
-rw-r--r-- 1 root root 1013 Feb 22 12:56 pki.json
-rw-r--r-- 1 root root 331 Feb 22 12:56 pki_create_cert.json
-rw-r--r-- 1 root root 868 Feb 22 12:56 pki_find_cert.json
-rw-r--r-- 1 root root 450 Feb 22 12:56 pki_remove_cert.json
-rw-r--r-- 1 root root 314 Feb 22 12:56 pki_renew_cert.json
```

```
-rw-r--r-- 1 root root 4.0K Feb 22 12:56 spankey.json
-rw-r--r-- 1 root root 4.4K Feb 22 12:56 spankey_register.json
-rw-r--r-- 1 root root 977 Feb 22 12:56 spankey_unregister.json
-rw-r--r-- 1 root root 916 Feb 22 12:56 support.json
-rw-r--r-- 1 root root 3.0K Feb 22 12:56 tiqr.json
-rw-r--r-- 1 root root 1.5K Feb 22 12:56 tiqr_download.json
-rw-r--r-- 1 root root 1.5K Feb 22 12:56 tiqr_logintest.json
-rw-r--r-- 1 root root 1.9K Feb 22 12:56 tiqr_register.json
-rw-r--r-- 1 root root 436 Feb 22 12:56 tiqr_unblock.json
-rw-r--r-- 1 root root 614 Feb 22 12:56 tiqr_unregister.json
-bash-4.2#
```

For example, to translate or modify the sentence `Logout`, edit the following file

`/opt/webadm/webapps/selfdesk/lang/common.json` like below.

```
-bash-4.2# vi /opt/webadm/webapps/selfdesk/lang/common.json
{
  "Home": {
    "FR": "Accueil",
    "DE": "Willkommen"
  },
  "Logout": {
    "FR": "Déconnexion",
    "DE": "Ausloggen"
  },
  ...
```

Add a new language, for example `DE`, then modify `languages="FR,DE"` to the following file

`/opt/webadm/webapps/selfdesk/selfdesk.xml` just like below.

```
-bash-4.2# vi /opt/webadm/webapps/selfdesk/selfdesk.xml
<?xml version="1.0" encoding="UTF-8" ?>

<!-- YOU SHOULD NOT NEED TO MODIFY THIS FILE -->

<WebApp name="SelfDesk"
  icon="selfdesk.png"
  version="1.1.8-1"
  wapi="51"
  section="Self-Service"
  license="freeware"
  languages="FR,DE"
  desc="User Self-Service Desk"
  help="Use this Web application to edit your account details, reset password, manage OTP tokens or
FIDO devices...">
...
```

2.5 User Self-Registration (SelfReg)

Log into the WebADM GUI, under **Applications**, choose User Self-Registration (SelfReg) and click on **CONFIGURE**.

The screenshot displays the WebADM Freeware Edition v1.6.9-3 interface. The left sidebar shows the LDAP Server (OpenLDAP) tree with nodes for OpenLDAP (2), dc=WebADM, o=Root (3), cn=admin, cn=ppolicy, and cn=test_user. The main content area is titled 'Registered Applications and Services' and lists three web applications under the 'Self-Service' category:

- Secure Password Reset (PwReset) v1.0.12-1 (Freeware)**: Use this Web application to securely reset your LDAP or Domain password when it is lost or expired. Latest Version: 1.0.12-1 (Ok). Status: Enabled [CONFIGURE] [REMOVE]. Available Languages: FR,DE. WebApp URL: https://192.168.3.163/webapps/pwreset/
- User Self-Service Desk (SelfDesk) v1.1.8-1 (Freeware)**: Use this Web application to edit your account details, reset password, manage OTP tokens or FIDO devices... Latest Version: 1.1.8-1 (Ok). Status: Enabled [CONFIGURE] [REMOVE]. Available Languages: FR,DE. WebApp URL: https://192.168.3.163/webapps/selfdesk/
- User Self-Registration (SelfReg) v1.1.8 (Freeware)**: Use this Web application to self-register your OTP token or FIDO device after receiving a one-time email or SMS. Latest Version: 1.1.8 (Ok). Status: Enabled [CONFIGURE] [REMOVE]. Available Languages: FR,DE. WebApp URL: https://192.168.3.163/webapps/selfreg/

Under **Email & SMS Settings**, one can change the **Email Subject**. Under **Message Templates** to find the other message templates for User Self-Registration (SelfReg). Here, the English message templates can be modified.

LDAP Server (OpenLDAP)

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API

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Email & SMS Settings

Email Subject

Note: Sender email should be configured with 'org_from' setting in WebADM config file.

Secure Email Yes No (default)

Encrypt email with the user certificate public key (S-MIME).

SMS Message Type

Flash (class 0) SMS are not stored on the mobile phone.

Misc Settings

Token Download URL

The Software Token download page on an external website.
When configured, a download button is included in the OTP section.
Ex. <http://www.rcdevs.com/tokens/?type=software>

TiQR Download URL

The TiQR mobile download page on an external website.
When configured, a download button is included in the OTP section.
Ex. <http://www.rcdevs.com/tokens/?type=tiqr>

Message Templates

Email Message

%USERNAME%: The user common name.
%USERID%: The user login name.
%DOMAIN%: The user domain name.
%URL%: The one-time link (URL).
%TIMEOUT%: The link expiration date.

SMS Message

See Email Message above for available variables.

If you want to add or modify another language then have a look at the following folder

`/opt/webadm/webapps/selfreg/lang/`.

```
-bash-4.2# ls -lha /opt/webadm/webapps/selfreg/lang/
total 196K
drwxr-xr-x 2 root root 4.0K Feb 26 17:18 .
drwxr-xr-x 7 root root 203 Feb 26 17:23 ..
-rw-r--r-- 1 root root 1.2K Feb 22 12:56 appkeys.json
-rw-r--r-- 1 root root 2.0K Feb 22 12:56 appkeys_register.json
-rw-r--r-- 1 root root 848 Feb 22 12:56 appkeys_unregister.json
-rw-r--r-- 1 root root 470 Feb 22 12:56 cancel.json
-rw-r--r-- 1 root root 15K Feb 22 12:56 common.json
-rw-r--r-- 1 root root 419 Feb 22 12:56 drop_prefix.json
-rw-r--r-- 1 root root 1.7K Feb 22 12:56 edit_pincode.json
-rw-r--r-- 1 root root 1020 Feb 22 12:56 edit_prefix.json
-rw-r--r-- 1 root root 2.4K Feb 22 12:56 index.json
-rw-r--r-- 1 root root 20 Feb 22 12:56 login_pki.json
-rw-r--r-- 1 root root 20 Feb 22 12:56 login_uid.json
-rw-r--r-- 1 root root 89 Feb 22 12:56 logout.json
-rw-r--r-- 1 root root 5.3K Feb 22 12:56 openotp.json
-rw-r--r-- 1 root root 1.4K Feb 22 12:56 openotp_disable.json
-rw-r--r-- 1 root root 2.5K Feb 22 12:56 openotp_download.json
-rw-r--r-- 1 root root 20 Feb 22 12:56 openotp_endpoint.json
-rw-r--r-- 1 root root 273 Feb 22 12:56 openotp_listdrop.json
-rw-r--r-- 1 root root 1.4K Feb 22 12:56 openotp_listinfo.json
-rw-r--r-- 1 root root 1.3K Feb 22 12:56 openotp_listinit.json
-rw-r--r-- 1 root root 397 Feb 22 12:56 openotp_listview.json
-rw-r--r-- 1 root root 651 Feb 22 12:56 openotp_logintest.json
-rw-r--r-- 1 root root 13K Feb 22 12:56 openotp_register.json
-rw-r--r-- 1 root root 5.5K Feb 22 12:56 openotp_resync.json
-rw-r--r-- 1 root root 471 Feb 22 12:56 openotp_unblock.json
-rw-r--r-- 1 root root 20 Feb 22 12:56 openotp_unregister.json
-rw-r--r-- 1 root root 1.4K Feb 22 12:56 openu2f.json
-rw-r--r-- 1 root root 1.4K Feb 22 12:56 openu2f_logintest.json
-rw-r--r-- 1 root root 3.4K Feb 22 12:56 openu2f_register.json
-rw-r--r-- 1 root root 748 Feb 22 12:56 openu2f_removeall.json
-rw-r--r-- 1 root root 248 Feb 22 12:56 openu2f_unregister.json
-rw-r--r-- 1 root root 3.8K Feb 22 12:56 spankey.json
-rw-r--r-- 1 root root 4.5K Feb 22 12:56 spankey_register.json
-rw-r--r-- 1 root root 890 Feb 22 12:56 spankey_unregister.json
-rw-r--r-- 1 root root 3.1K Feb 22 12:56 tiqr.json
-rw-r--r-- 1 root root 1.5K Feb 22 12:56 tiqr_download.json
-rw-r--r-- 1 root root 1.2K Feb 22 12:56 tiqr_logintest.json
-rw-r--r-- 1 root root 1.9K Feb 22 12:56 tiqr_register.json
-rw-r--r-- 1 root root 436 Feb 22 12:56 tiqr_unblock.json
-rw-r--r-- 1 root root 614 Feb 22 12:56 tiqr_unregister.json
```

For example, to translate or modify the sentence `One-time access ID is invalid`, edit the following file `/opt/webadm/webapps/selfreg/lang/common.json` like below.

```
-bash-4.2# vi /opt/webadm/webapps/selfreg/lang/common.json
{
  "One-time access ID not provided": {
    "FR": "ID unique non fourni",
    "DE": "Einmalige Zugangs-ID nicht angegeben"
  },
  "One-time access ID is invalid": {
    "FR": "ID unique invalide",
    "DE": "Einmalige Zugriffs-ID ist ungültig"
  },
  ...
```

Add a new language, for example `DE`, then modify `languages="FR,DE"` to the following file `/opt/webadm/webapps/selfreg/selfreg.xml` just like below.

```
-bash-4.2# vi /opt/webadm/webapps/selfreg/selfreg.xml
<?xml version="1.0" encoding="UTF-8" ?>

<!-- YOU SHOULD NOT NEED TO MODIFY THIS FILE -->

<WebApp name="SelfReg"
  icon="selfreg.png"
  version="1.1.8"
  wapi="49" eapi="1"
  admcss="style.css"
  section="Self-Service"
  license="freeware"
  languages="FR,DE"
  desc="User Self-Registration"
  help="Use this Web application to self-register your OTP token or FIDO device after receiving a one-time email or SMS.">
  ...
```

2.6 OpenID & SAML Provider (OpenID)

If you want to add or modify another language then have a look at the following folder `/opt/webadm/webapps/openid/lang/`.


```
-bash-4.2# ls -lha /opt/webadm/webapps/openid/lang/  
total 68K  
drwxr-xr-x 2 root root 322 Feb 26 17:18 .  
drwxr-xr-x 8 root root 197 Feb 26 17:23 ..  
-rw-r--r-- 1 root root 1.5K Feb 22 12:54 appsso.json  
-rw-r--r-- 1 root root 8.7K Feb 22 12:54 common.json  
-rw-r--r-- 1 root root 340 Feb 22 12:54 edit_enabled.json  
-rw-r--r-- 1 root root 443 Feb 22 12:54 edit_simplereg.json  
-rw-r--r-- 1 root root 463 Feb 22 12:54 edit_timeout.json  
-rw-r--r-- 1 root root 2.2K Feb 22 12:54 home.json  
-rw-r--r-- 1 root root 21 Feb 22 12:54 index.json  
-rw-r--r-- 1 root root 1.2K Feb 22 12:54 login_pki.json  
-rw-r--r-- 1 root root 20 Feb 22 12:54 login_sso.json  
-rw-r--r-- 1 root root 149 Feb 22 12:54 logout.json  
-rw-r--r-- 1 root root 615 Feb 22 12:54 openotp.json  
-rw-r--r-- 1 root root 1.2K Feb 22 12:54 tiqr.json  
-rw-r--r-- 1 root root 20 Feb 22 12:54 tiqr_check.json  
-rw-r--r-- 1 root root 832 Feb 22 12:54 tiqr_offline.json  
-rw-r--r-- 1 root root 818 Feb 22 12:54 trust.json  
-bash-4.2#
```

For example, to translate or modify the sentence `Server error`, edit the following file

`/opt/webadm/webapps/openid/lang/common.json` like below.

```
-bash-4.2# vi /opt/webadm/webapps/openid/lang/common.json  
{  
  "OpenOTP is not installed or configured": {  
    "FR": "OpenOTP n'est pas installé ou configuré",  
    "DE": "OpenOTP ist nicht installiert oder konfiguriert"  
  },  
  "Server error": {  
    "FR": "Erreur du serveur",  
    "DE": "Serverfehler"  
  },  
  ...  
}
```

Add a new language, for example `DE`, then modify `languages = "FR, DE"` to the following file

`/opt/webadm/webapps/openid/openid.xml` just like below.

```
-bash-4.2# vi /opt/webadm/webapps/openid/openid.xml
<?xml version="1.0" encoding="UTF-8" ?>

<!-- YOU SHOULD NOT NEED TO MODIFY THIS FILE -->

<WebApp name="OpenID"
  version="1.3.0-1"
  wapi="50"
  section="Single Sign-On"
  license="freeware"
  languages="FR,DE"
  icon="openid.png"
  desc="OpenID & SAML Provider"
  help="OpenID & SAML single sign-on service (Identity Provider), supporting SAML2, OpenID-
Connect and OAuth2.">
...
```

2.7 Localized Messages

To get an overview of all the message templates go to [Databases](#) and click on [Localized Messages](#).

The screenshot displays the WebADM Freeware Edition v1.7.0 interface. The left sidebar shows the LDAP Server (OpenLDAP) configuration with a tree view including 'dc=WebADM' and 'o=Root (3)'. The main content area is titled 'Database SQL Tables' and is divided into two sections: 'SQL Log Tables' and 'SQL Data Tables'. The 'SQL Log Tables' section lists: Administrator Logs (Admin Portal logs), Manager Logs (Manager Interface logs), WebApp Logs (Web Application logs), WebSrv Logs (Web Service logs), Device Logs (Access Device logs), and Alert Logs (System Alerts). The 'SQL Data Tables' section lists: Localized Messages (Message translations), Inventoried Devices (OpenOTP hardware tokens), Recorded Sessions (SpanKey session recordings), and Client Certificates (Provides revocation).

Message templates for other languages can be added here. One can export/import as/from a CSV file. Click on [Import from CSV file](#).

The screenshot displays the 'Database Viewer for Localized Messages' interface. The left sidebar and top navigation bar are consistent with the previous screenshot. The main content area features a 'Message Selection' panel with dropdown menus for 'Application' (set to ALL), 'Reference' (set to ALL), and 'Language' (set to ALL). To the right is a 'Message Actions' panel with buttons for 'Update selected messages', 'Delete selected messages', 'Import from CSV file', and 'Export as CSV / XML'. Below these panels is a table with columns for 'Application', 'Reference', 'Language', and 'Message'. The table contains one entry: 'WebADM', 'ResetSubject', 'FR', and an empty message field with an 'Add' button. An 'Update Selected Messages' button is located at the bottom of the table.

The translation files for OpenOTP are located in the `/opt/webadm/websrvs/openotp/doc/languages/` folder and for SpanKey in the `/opt/webadm/websrvs/spankey/doc/languages/` folder.

```

-bash-4.2# ls -lha /opt/webadm/websrvs/openotp/doc/languages/
total 12K
drwxr-xr-x 2 root root 50 Mar 1 11:01 .
drwxr-xr-x 5 root root 4.0K Mar 1 11:01 ..
-rw-r--r-- 1 root root 1.8K Mar 1 11:01 OpenOTP-DE.csv
-rw-r--r-- 1 root root 1.6K Mar 1 11:01 OpenOTP-FR.csv
-bash-4.2# ls -lha /opt/webadm/websrvs/spankey/doc/languages/
total 8.0K
drwxr-xr-x 2 root root 50 Mar 1 11:01 .
drwxr-xr-x 3 root root 85 Mar 1 11:01 ..
-rw-r--r-- 1 root root 1.2K Mar 1 11:01 SpanKey-DE.csv
-rw-r--r-- 1 root root 1.2K Mar 1 11:01 SpanKey-FR.csv
-bash-4.2#

```

LDAP Server (OpenLDAP)

- OpenLDAP (2)
 - dc=WebADM
 - o=Root (3)
 - cn=admin
 - cn=ppolicy
 - cn=test_user
 - Create / Search Details / Check
 - Create / Search Details / Check

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Localized Messages CSV Import

Import File:

A localized messages import file must formatted like below:

1. The first line must contain the field names corresponding to the values under the same column in the following lines.
2. All fields and values must be separated with commas (CSV).

LDAP Server (OpenLDAP)

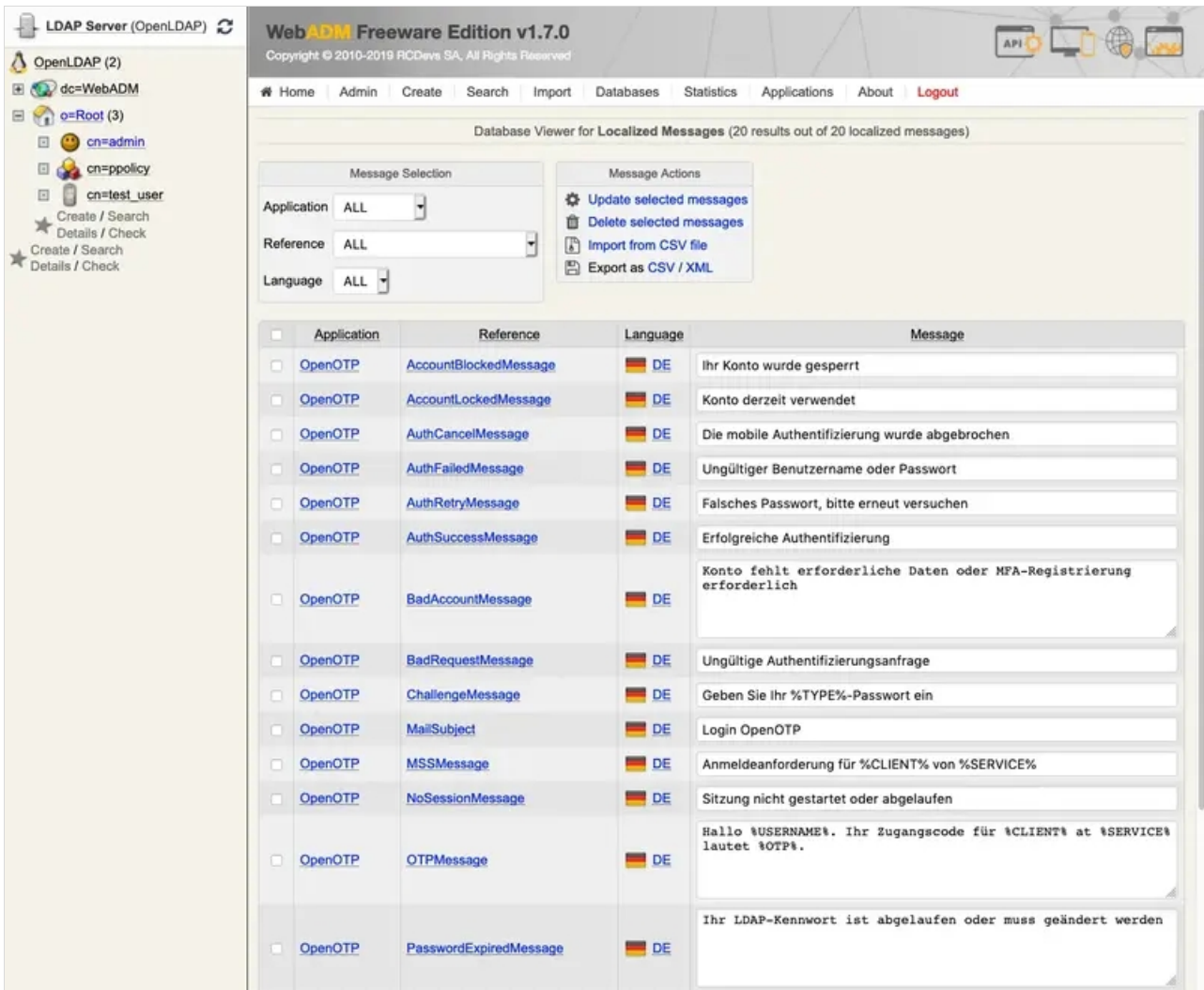
- OpenLDAP (2)
 - dc=WebADM
 - o=Root (3)
 - cn=admin
 - cn=ppolicy
 - cn=test_user
 - Create / Search Details / Check
 - Create / Search Details / Check

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Home Admin Create Search Import Databases Statistics Applications About Logout

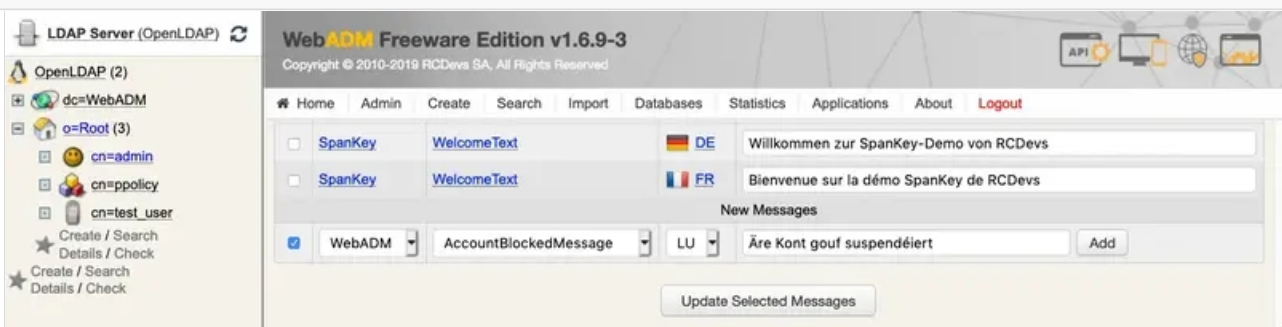
Localized Messages CSV Import

Processing record 1/20 OpenOTP:AuthFailedMessage:DE... Ok
Processing record 2/20 OpenOTP:AuthCancelMessage:DE... Ok
Processing record 3/20 OpenOTP:AuthRetryMessage:DE... Ok
Processing record 4/20 OpenOTP:AuthSuccessMessage:DE... Ok
Processing record 5/20 OpenOTP:OTPMessage:DE... Ok
Processing record 6/20 OpenOTP:PushMessage:DE... Ok
Processing record 7/20 OpenOTP:MSSMessage:DE... Ok
Processing record 8/20 OpenOTP:ChallengeMessage:DE... Ok
Processing record 9/20 OpenOTP:BadRequestMessage:DE... Ok
Processing record 10/20 OpenOTP:BadAccountMessage:DE... Ok
Processing record 11/20 OpenOTP:AccountBlockedMessage:DE... Ok
Processing record 12/20 OpenOTP:AccountLockedMessage:DE... Ok
Processing record 13/20 OpenOTP>PasswordExpiredMessage:DE... Ok
Processing record 14/20 OpenOTP:TokenExpiredMessage:DE... Ok
Processing record 15/20 OpenOTP:NoSessionMessage:DE... Ok
Processing record 16/20 OpenOTP:SessionExistsMessage:DE... Ok
Processing record 17/20 OpenOTP:TimerExistsMessage:DE... Ok
Processing record 18/20 OpenOTP:ServerErrorMessage:DE... Ok
Processing record 19/20 OpenOTP:ServerBusyMessage:DE... Ok
Processing record 20/20 OpenOTP:MailSubject:DE... Ok



Per default, only the languages “EN”, “FR”, “DE”, “ES”, “IT”, “FI” are available. However, one can add more by adding it to `/opt/webadm/conf/webadm.conf`. For example, “LU” for luxembourgish. Afterward, restart WebADM with `/opt/webadm/bin/webadm restart`.

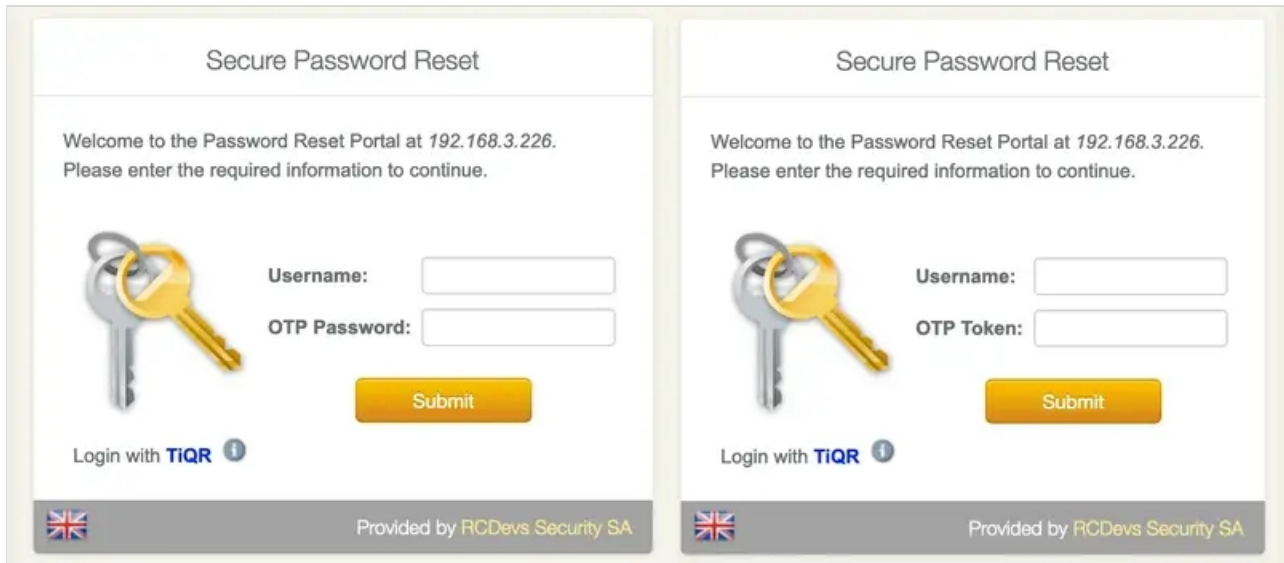
```
-bash-4.2# vi /opt/webadm/conf/webadm.conf
#
# WebADM Server Configuration
#
...
# Application languages
languages "EN","FR","DE","ES","IT","FI","LU"
...
```



2.8 Custom Messages

To modify any English or other language message templates.

For example: To change the “OTP Password:” to “OTP Token:” in the Secure Password Reset log in webpage.



First, create the `custom.json` file, modify it like below and save it.

```
-bash-4.2# cp /opt/webadm/webapps/pwreset/lang/openotp.json
/opt/webadm/webapps/pwreset/lang/custom.json
-bash-4.2# vi /opt/webadm/webapps/pwreset/lang/custom.json"
{
"OTP Password:": {
"EN": "OTP Token:",
"FR": "OTP Token:",
"DE": "OTP Token:"
}
}
```

Afterward, clear the WebADM System Caches [WebADM GUI > Admin > Clear WebADM System Caches](#).

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