

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. On the left, the LDAP Server (OpenLDAP) tree is visible, showing a hierarchy starting with 'dc=WebADM' and including users like 'o=Root (3)', 'cn=admin', 'cn=ppolicy', and 'cn=test_user'. The main content area is titled 'Registered Applications and Services' and features a 'Web Services' section. This section lists two services: 'MFA Authentication Server (OpenOTP) v1.4.2-2 (Commercial)' and 'SSH Public Key Server (SpanKey) v2.0.2-2 (Commercial)'. The OpenOTP service details include its description as a multi-factor authentication service, its latest version (1.4.2-3) with a 'DOWNLOAD' link, its status as 'Enabled' with 'CONFIGURE' and 'REMOVE' links, and its service URLs for SSL and STD. The SpanKey service details include its description as an SSH public key distribution service, its latest version (2.0.2-2) with an 'Ok' status, its status as 'Enabled' with 'CONFIGURE' and 'REMOVE' links, and its service URLs for SSL and STD. Both services also provide a SOAP WSDL file link.

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

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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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 (Default)

Ondemand: A new OTP is sent when the user starts an authentication process.

Prefetch: The next OTP is sent after the user preformed an authentication.

☐ Email Subject

OpenOTP Login

Localized

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

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

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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Message Templates

☒ Auth Failed Message

Invalid username or password

Localized

☒ Auth Cancel Message

Mobile authentication cancelled

Localized

☒ Auth Retry Message

Wrong password, please retry

Localized

☒ Auth Success Message

Authentication success

Localized

☒ SMS/MAIL OTP Message

Hello %USERNAME%. Your access code for %CLIENT% is %OTP%.

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.

☒ Mobile Push Message

New login request from %CLIENT% at %SERVICE%

Localized

☒ Mobile MSS Message

New login request from %CLIENT% at %SERVICE%

Localized

☒ Challenge Message

Enter your %TYPE% password

Localized

See OTP Message above for available variables.

☒ Invalid Request Message

Invalid authentication request

Localized

☒ Invalid Account Message

Account missing required data

Localized

☒ Account Blocked Message

Your account has been blocked

Localized

☒ Account Locked Message

Account currently in use

Localized

☒ Password Expired Message

Your LDAP password expired or must be changed

Localized

☒ Token Expired Message

Your Token has expired and must be re-registered

Localized

☒ No Session Message

Session not started or timedout

Localized

☒ Session Exists Message

Session already started

Localized

☒ Timer Exists Message

Blocking timer pending

Localized

☒ Server Error Message

Server error

Localized

☒ Server Busy Message

Client access denied or server busy. Retry later

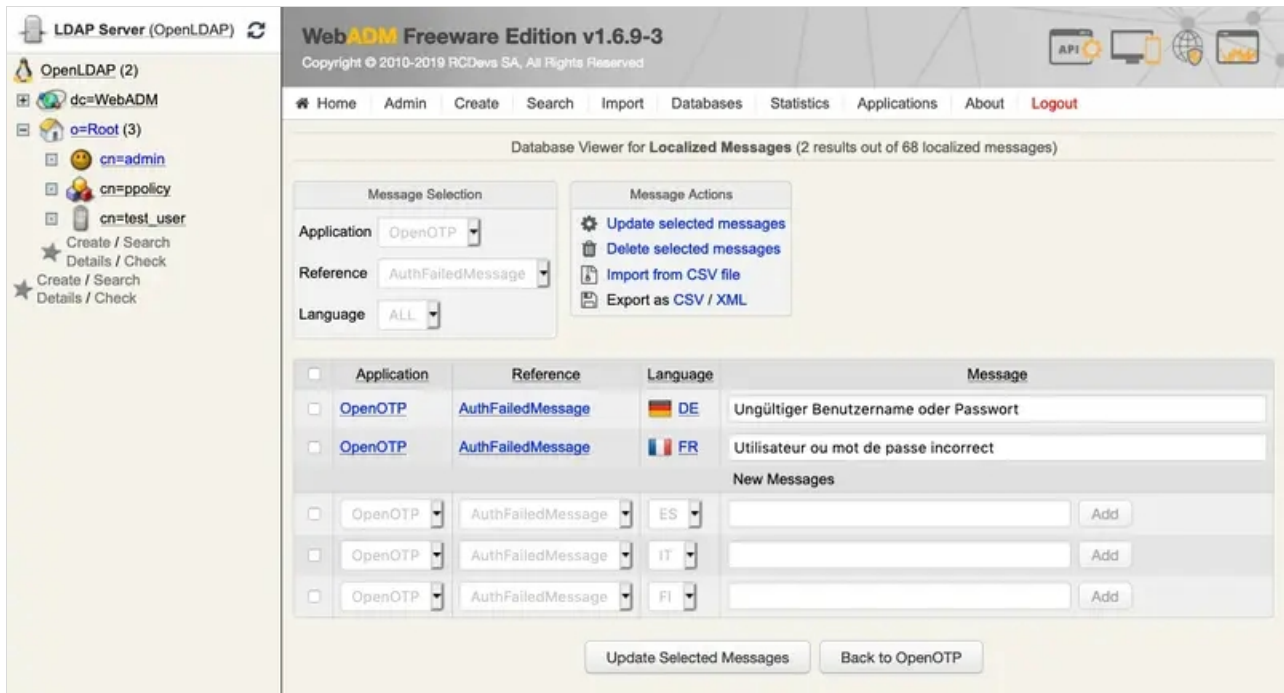
Localized

Apply

Cancel

Reset

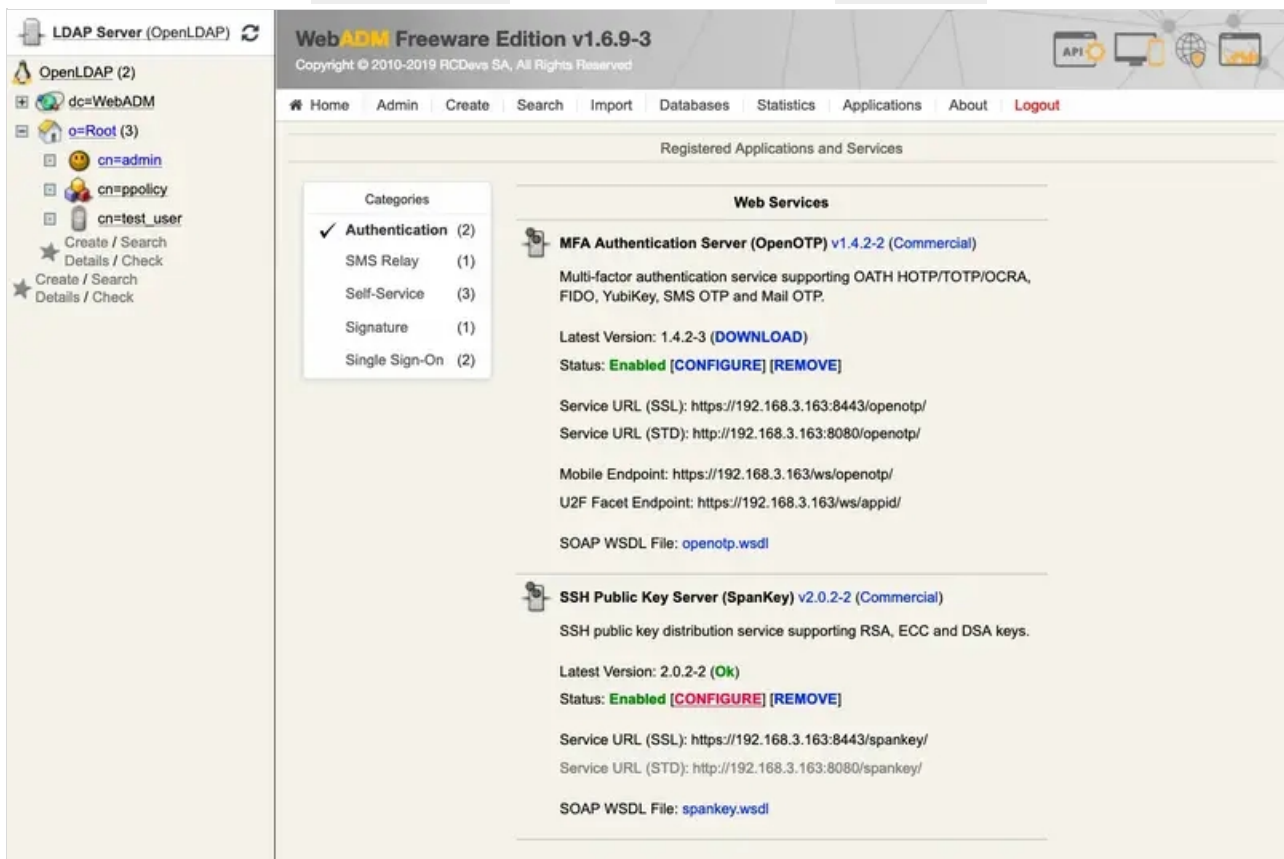
Here the English message templates can be modified. If you want to add or modify another language then click on **Localized**.



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 the WebADM Freeware Edition v1.6.9-3 interface. The left sidebar displays the LDAP Server (OpenLDAP) tree with nodes for 'OpenLDAP (2)', 'dc=WebADM', 'o=Root (3)', and several users including 'cn=admin', 'cn=ppolicy', and 'cn=test_user'. The main content area has a header with navigation links: Home, Admin, Create, Search, Import, Databases, Statistics, Applications, About, and Logout. Below the header, the 'User Notifications' section contains four checkboxes with associated settings:

- ☐ **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'. To the right is a 'Localized' button.
- ☐ **Send Self-Registration Links**: Radio buttons are set to 'No (default)'. 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 are set to 'No (default)'. 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.'

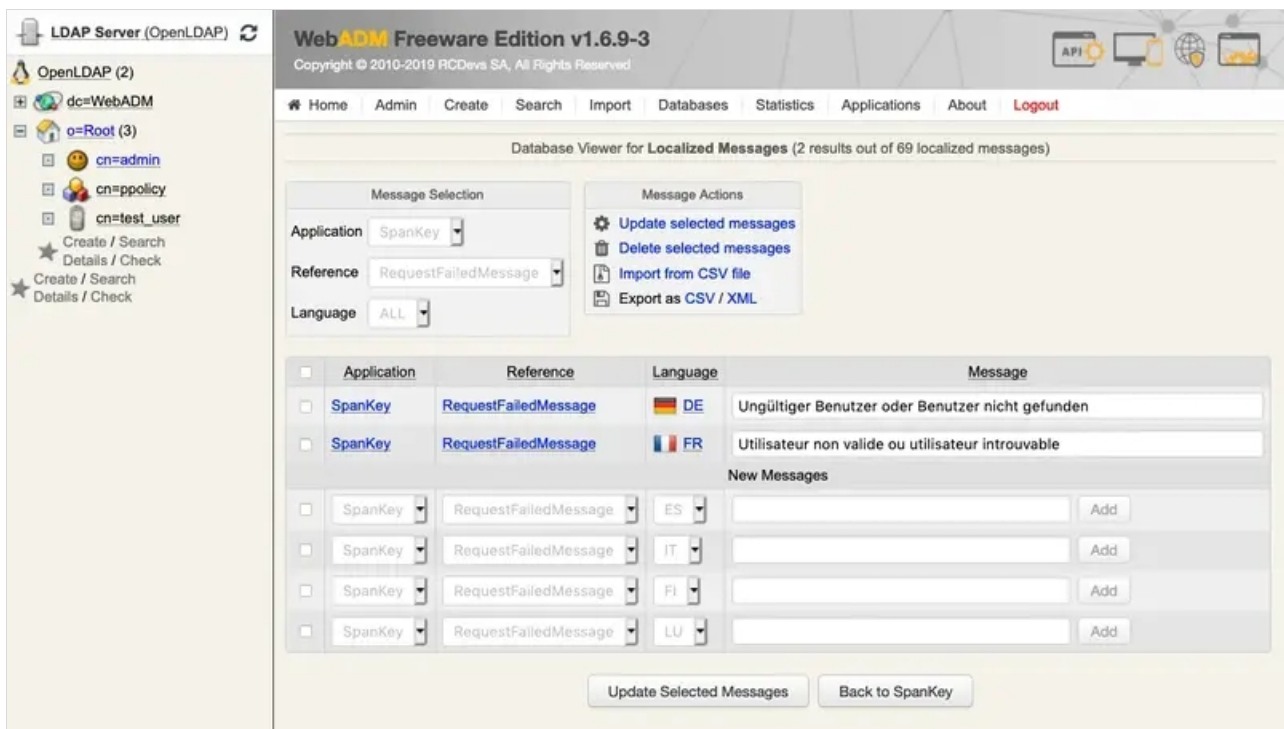
Scroll down to **Message Templates** to find the other message templates for SpanKey.

The screenshot shows the 'Message Templates' configuration page in the WebADM Freeware Edition v1.6.9-3 interface. The left sidebar is identical to the previous screenshot. The main content area has a header with the same navigation links. Below the header, the 'Message Templates' section contains a list of 13 message templates, each with a checked checkbox, a text input field for the message content, and a 'Localized' button:

Message Template	Message Content	Action
<input checked="" type="checkbox"/> Pubkey Failed Message	Invalid user or user not found	Localized
<input checked="" type="checkbox"/> Request Success Message	Operation success	Localized
<input checked="" type="checkbox"/> Invalid Request Message	Invalid request	Localized
<input checked="" type="checkbox"/> Auth Failed Message	Invalid password	Localized
<input checked="" type="checkbox"/> Invalid Account Message	Account missing required data	Localized
<input checked="" type="checkbox"/> Missing Server Tag Message	Account missing required server tag	Localized
<input checked="" type="checkbox"/> Password Required Message	Enter your LDAP password	Localized
<input checked="" type="checkbox"/> Password Expired Message	Your LDAP password expired or must be changed	Localized
<input checked="" type="checkbox"/> Pubkey Expired Message	SSH public key expired	Localized
<input checked="" type="checkbox"/> Timer Exists Message	Blocking timer pending	Localized
<input checked="" type="checkbox"/> No Session Message	Session not started or timedout	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

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**.



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) ↻

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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Registered Applications and Services

Categories

Authentication (2)

SMS Relay (1)

✓ Self-Service (3)

Signature (1)

Single Sign-On (2)

Web Applications

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 Secure Password Reset (PwReset). Here, the English message templates can be modified.

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

WebADM Freeware Edition v1.6.9-3

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Email & SMS Settings

☒ Email Subject

LDAP Password Reset

Localized

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

Normal (Default)

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

Authentication Backend

☒ Default Auth Backend

OpenOTP (Default)

Defines which login page will be displayed by default.

☐ TiQR Poll Interval

2 (Default)

Interval between Ajax request status checks in seconds.

Message Templates

☒ Email Message

Hello %USERNAME%,

This password reset request will expire %TIMEOUT%

Please click on the link below to reset your pass

%URL%.

Localized

%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

Password reset URL: %URL%

Localized

See Email Message above for available variables.

Apply

Cancel

Reset

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. On the left, the LDAP Server (OpenLDAP) tree is visible, showing a hierarchy of users including cn=admin and cn=test_user. The main content area, titled 'Registered Applications and Services', lists three web applications:

- 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)

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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Email & SMS Settings

☒ Email Subject

OpenOTP/TiQR Self-Registration

Localized

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

Normal (Default)

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

Hello %USERNAME%,

This is your self-registration request expiring %TIMEOUT%. Please click on the link below to access self-reg.

%URL%.

Localized

☒ 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

Self-registration URL: %URL%

Localized

See Email Message above for available variables.

Apply

Cancel

Reset

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 appso.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](#).

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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Database SQL Tables

SQL Log Tables

- Administrator Logs**
Admin Portal logs (admin audit)
- Manager Logs**
Manager Interface logs (admin audit)
- WebApp Logs**
Web Application logs (user audit)
- WebSrv Logs**
Web Service logs (user audit)
- Device Logs**
Access Device logs
- Alert Logs**
System Alerts from applications

SQL Data Tables

- Localized Messages**
Message translations for applications and services
- Inventoried Devices**
OpenOTP hardware tokens and SpnKey PIV keys
- Recorded Sessions**
SpanKey session recordings and SFTP logs
- Client Certificates**
Provides revocation for services' client certificates

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

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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Database Viewer for Localized Messages (0 results out of 0 localized messages)

Message Selection

Application: ALL

Reference: ALL

Language: ALL

Message Actions

- Update selected messages
- Delete selected messages
- [Import from CSV file](#)
- Export as CSV / XML

<input type="checkbox"/>	Application	Reference	Language	Message
<input type="checkbox"/>	WebADM	ResetSubject	FR	<input type="text"/> Add

Update Selected Messages

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: OpenOTP-DE.csv

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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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

The screenshot shows the WebADM Freeware Edition v1.7.0 interface. On the left is the LDAP Server (OpenLDAP) tree with nodes like dc=WebADM, o=Root (3), cn=admin, cn=ppolicy, and cn=test_user. The main panel is titled 'Database Viewer for Localized Messages (20 results out of 20 localized messages)'. It features a 'Message Selection' section with dropdowns for Application (ALL), Reference (ALL), and Language (ALL). To the right is a 'Message Actions' section with buttons: 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
<input type="checkbox"/>	OpenOTP	AccountBlockedMessage	DE	Ihr Konto wurde gesperrt
<input type="checkbox"/>	OpenOTP	AccountLockedMessage	DE	Konto derzeit verwendet
<input type="checkbox"/>	OpenOTP	AuthCancelMessage	DE	Die mobile Authentifizierung wurde abgebrochen
<input type="checkbox"/>	OpenOTP	AuthFailedMessage	DE	Ungültiger Benutzername oder Passwort
<input type="checkbox"/>	OpenOTP	AuthRetryMessage	DE	Falsches Passwort, bitte erneut versuchen
<input type="checkbox"/>	OpenOTP	AuthSuccessMessage	DE	Erfolgreiche Authentifizierung
<input type="checkbox"/>	OpenOTP	BadAccountMessage	DE	Konto fehlt erforderliche Daten oder MFA-Registrierung erforderlich
<input type="checkbox"/>	OpenOTP	BadRequestMessage	DE	Ungültige Authentifizierungsanfrage
<input type="checkbox"/>	OpenOTP	ChallengeMessage	DE	Geben Sie Ihr %TYPE%-Passwort ein
<input type="checkbox"/>	OpenOTP	MailSubject	DE	Login OpenOTP
<input type="checkbox"/>	OpenOTP	MSSMessage	DE	Anmeldeanforderung für %CLIENT% von %SERVICE%
<input type="checkbox"/>	OpenOTP	NoSessionMessage	DE	Sitzung nicht gestartet oder abgelaufen
<input type="checkbox"/>	OpenOTP	OTPMMessage	DE	Hallo %USERNAME%. Ihr Zugangscode für %CLIENT% at %SERVICE% lautet %OTP%.
<input type="checkbox"/>	OpenOTP	PasswordExpiredMessage	DE	Ihr LDAP-Kennwort ist abgelaufen oder muss geändert werden

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"
...
```

The screenshot shows the WebADM Freeware Edition v1.6.9-3 interface. The left sidebar is the same as the previous image. The main panel shows a table of localized messages for 'SpanKey' with references 'WelcomeText' in German (DE) and French (FR). Below this is the 'New Messages' section, which includes a form to add a new message. The form has dropdowns for Application (WebADM), Reference (AccountBlockedMessage), and Language (LU), followed by a text input field containing 'Äre Kont gouf suspendéiert' and an 'Add' button. An 'Update Selected Messages' button is also present at the bottom.

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.

The image displays two side-by-side screenshots of the 'Secure Password Reset' login page. Both pages have a title 'Secure Password Reset' and a welcome message: 'Welcome to the Password Reset Portal at 192.168.3.226. Please enter the required information to continue.' The left page features a key icon and two input fields: 'Username:' and 'OTP Password:'. The right page features the same key icon and 'Username:' field, but the second field is labeled 'OTP Token:'. Both pages have a yellow 'Submit' button and a footer with the UK flag and the text 'Provided by RCDevs Security SA'.

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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