

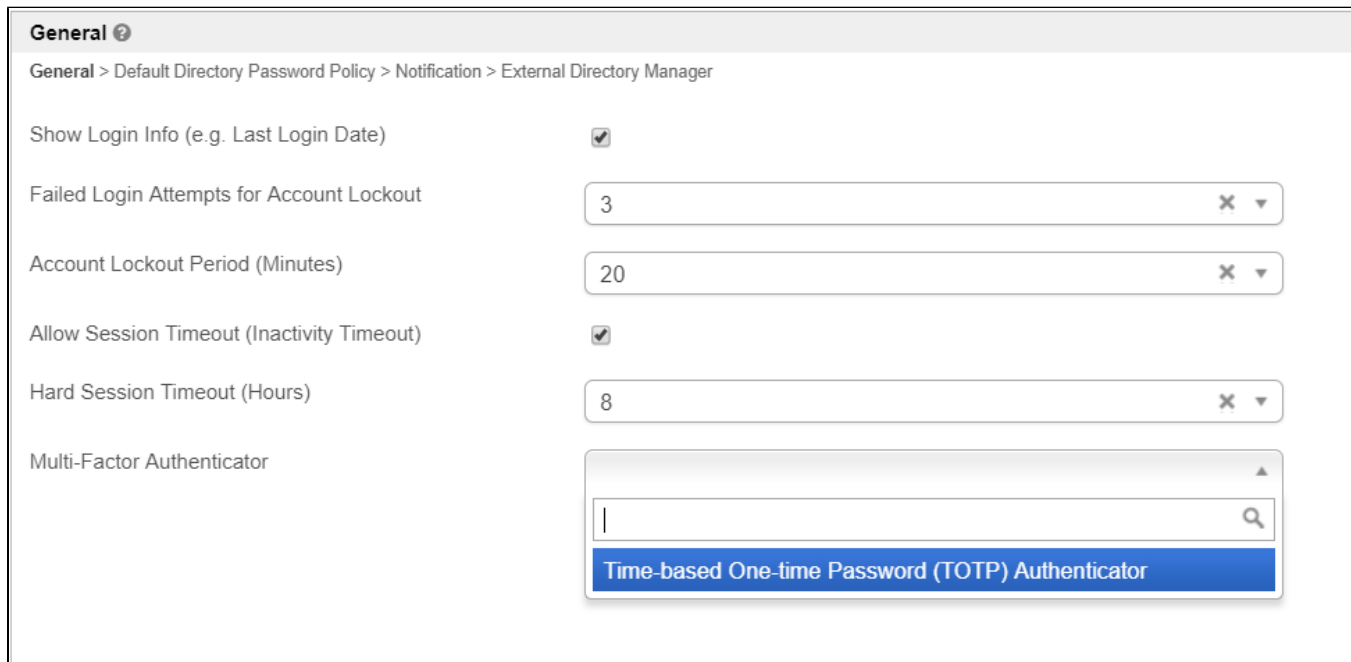
Security Enhanced Directory Manager

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Introduction

The **Security Enhanced Directory Manager** features enhanced security and control on user management.

Simply go to **System Settings -> Directory Manager Settings** to enable and configure.



General ⓘ

General > Default Directory Password Policy > Notification > External Directory Manager

Show Login Info (e.g. Last Login Date)

Failed Login Attempts for Account Lockout X ▾

Account Lockout Period (Minutes) X ▾

Allow Session Timeout (Inactivity Timeout)

Hard Session Timeout (Hours) X ▾

Multi-Factor Authenticator

Figure 1: Security Enhanced Directory Manager Properties

- [Credential Management](#)
 - [Changing password](#)
 - [Forgot Password Feature](#)
 - [Password Change on First Login](#)
 - [Password Creation](#)
- [Improved Password Storage](#)
- [Multi-Factor Authentication using TOTP](#)
- [Password Policies](#)
 - [Initial password method](#)
 - [Lockout Mechanism](#)
 - [Password Format](#)
 - [Password Reuse Policy](#)
 - [Timeout management](#)
 - [Validity Period](#)
- [Simultaneous Internal and External Directory Managers](#)
 - [LDAP User Management](#)

Disabling Plugin

Once the plugin is enabled, users' password would be stored using a new encryption method. Disabling the plugin would cause all the users not to be able to login anymore as the default encryption method is effectively changed.

If you decide to stop using the plugin, you will need to replace all the affected users' password in `dir_user` table with a new password based on md5 hash.

Notification

Important

Setting up the **Notification** tab in this Enhanced Security Directory Manager is **important and highly recommended**. Do not skip the setup and remember to test sending email out to make sure that the email server settings is correct.

Notification

Please fill "From" , "SMTP Host" and "SMTP Port" fields or configure it in "General Settings" page.

From	<input type="text"/>
SMTP Host	<input type="text"/>
SMTP Port	<input type="text"/>

Email notification will be sent out on these important events:

- User Creation
- Password Reset
- Forgot Password
- Account Lockout

Notification

From	<input type="text"/>
SMTP Host	<input type="text"/>
SMTP Port	<input type="text"/>
Security	<input type="text"/>
SMTP Username	<input type="text"/>
SMTP Password	<input type="password"/>
CC	<input type="text"/>
HTML Content?	<input type="checkbox"/>
User Creation (Subject)	<input type="text" value="Account Creation"/>
User Creation (Message)	<p>Dear #firstName# #lastName#,</p> <p>Your user account has been created. Please login using the following credentials.</p> <p>Username: #username# Password: #password#</p>