

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

3

X

Account Lockout Period (Minutes)

20

X

Allow Session Timeout (Inactivity Timeout)

☒

Hard Session Timeout (Hours)

8

X

Multi-Factor Authenticator

Time-based One-time Password (TOTP) 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

SMTP Host

SMTP Port

Email notification will be sent out on these important events:

- User Creation: email is sent when the admin creates a new user in "Setup User".
- Password Reset: email is sent when the admin resets the user's password by checking the "Force Password Change" checkbox in "Setup Users > Edit User > Admin Setting".
- Forgot Password: email is sent when the user clicks the forget password link on the login page.
- Account Lockout: email is sent when the wrong password exceeds the limit set in "Failed Login Attempts for Account Lockout".

Notification

From

SMTP Host

SMTP Port

Security

SMTP Username

SMTP Password

.....

CC

HTML Content?

☐

User Creation (Subject)

Account Creation

User Creation (Message)

Dear #firstName# #lastName#,

Your user account has been created. Please login using the following credentials.

Username: #username#
Password: #password#