

Security Enhanced Directory Manager

Definition

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

Account Lockout Period (Minutes)

Allow Session Timeout (Inactivity Timeout)

Hard Session Timeout (Hours)

Multi-Factor Authenticator

Time-based One-time Password (TOTP) Authenticator

Figure 1: Security Enhanced Directory Manager Properties

Password Policies

- Initial password method
- Lockout Mechanism
- Password Format
- Password Reuse Policy
- Timeout management
- Validity Period

Credential Management

- Changing password
- Forgot Password Feature
- Password Change on First Login
- Password Creation

Improved Password Storage

Simultaneous Internal and External Directory Managers

- LDAP User Management
- Multi-Factor Authentication using TOTP

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#, Your user account has been created. Please login using the following credentials. Username: #username# Password: #password#</p>

