

Sun Java™ System Directory Editor Release Notes

Version 1 2004Q4

Part Number 819-1080-10

These Release Notes contain important information available at the time of release of Sun Java™ System Directory Editor 1 2004Q4. New features and enhancements, known issues and limitations, and other information are addressed here. Read this document before you begin using Directory Editor 1 2004Q4.

The most up-to-date version of these release notes can be found at the Sun Java™ System documentation web site: <http://docs.sun.com/db/prod/sjs.diredit>. Check the web site prior to installing and setting up your software and then periodically thereafter to view the most up-to-date release notes and product documentation.

These release notes contain the following sections:

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Third-party URLs are referenced in this document and provide additional, related information.

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Release Notes Revision History

Table 1 Revision History

Date	Description of Changes
October 26, 2004	Initial Beta release.
November 22, 2004	Initial release of these release notes

About Directory Editor 1 2004Q4

Directory Editor is J2EE-based web application that enables you to quickly and easily manage your directory data.

Directory Editor:

- Provides an easy-to-use, directory editing tool that is appropriate for administrators and end-users
- Provides ability to create/edit users, groups, containers, and more
- Supports many concurrent users
- Supports large directory installations
- Supports extensive customizations, branding, and embedding
- Supports private data transmissions with the client browser and the directory
- Provides built-in authorization to limit visible menus to users' roles

This section includes:

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- “Directory Servers” on page 4

Supported Software Environments

This section lists the software and environments that are compatible with Directory Editor:

- “Operating Systems” on page 3
- “Application Servers” on page 3
- “Browsers” on page 4
- “Directory Servers” on page 4

NOTE. Because software product developers frequently ship new versions, updates, and fixes to their software, the information published here changes often. Review the product release notes for updates before proceeding with installation.

Operating Systems

Directory Editor is compatible with the following operating systems:

- Solaris 8 or later
- Microsoft Windows 2000 SP3 or later
- Microsoft Windows 2003
- AIX 4.3.3 and above
- Red Hat Linux

Application Servers

Directory Editor supports any application server that supports Servlet 2.2 or later and JRE 1.4 or later, but Directory Editor operates most efficiently with the following application servers:

- Sun ONE Application Server 7 or later
- Sun Java™ System Application Server 8 or later
- Apache Tomcat 5.0.x or later
- BEA WebLogic 8.1 or later
- IBM WebSphere 4 or later

Browsers

Directory Editor is compatible with the following browsers:

- Firefox 1.0
- Netscape 7.0 and later
- Mozilla 1.4 and later
- Microsoft Internet Explorer (IE) 5.5 and later

Directory Servers

You must use Directory Editor with Sun Java™ System Directory Server version 5.0 or later, which provides enhanced functionality and optimal performance.

Important Information

This section contains the important information that is not contained in the Directory Editor product documentation. This section includes the following topics:

- “Compatibility Issues” on page 5
- “Running the Software in Your Environment” on page 5
- “Documentation” on page 5

Compatibility Issues

You must install Java Runtime Environment (JRE) version 1.4 or later, or problems may occur with your Directory Editor installation.

Directory Editor requires access to some privileged operations that the application server may not allow by default. Edit the security policy file for your application server and grant access to certain actions, as follows:

1. Open the `server.policy` file.
2. Add the following lines to the end of the block granting access to “all remaining code”:

```
permission javax.security.auth.AuthPermission"getLoginConfiguration";  
permission javax.security.auth.AuthPermission"setLoginConfiguration";  
permission javax.security.auth.AuthPermission  
"createLoginContext.SunDirectoryLogin";  
permission javax.security.auth.AuthPermission"modifyPrincipals";
```
3. Save the file.
4. Restart the application server

Running the Software in Your Environment

It is strongly recommended that you to back-up existing directory data before installing Directory Editor. Follow your normal backup procedures or the procedures listed in the documentation here:

<http://developers.sun.com/prodtech/dirserver/reference/techart/bestpractices.html#12>

Documentation

The *Sun Java™ System Directory Editor* product documentation is provided in the downloaded archive and on the web at <http://docs.sun.com/db/prod/sjs.diredit>. These publications provide information about common installation, configuration, and customization scenarios.

Installation Notes

NOTE Before installing Directory Editor, be sure to read the “<TB Book_topic>Before You Install” chapter provided in the *Sun Java™ System Directory Editor Installation and Configuration Guide*.

Directory Editor has two logical connections, one to a place in which to store configuration information, the other to a directory to manage. Configuration information is stored under `ou=Services`, `ou=DML`, `ou= 1.0` in `applicationProcess` objects. No configuration or management objects are placed in the managed directory.

After installing the `dml.war` file and browsing to the application context (`http://<appserver>/dml`), a form with information to connect to the configuration directory is shown. Directory Editor writes the contents of this form to the `WEB-INF/classes/startup.properties` file and encrypts the password for privacy.

Be sure to use credentials with sufficient rights to create the `ou=Services`, `ou=DML`, `ou= 1.0` path and to add `applicationProcess` objects. Directory Editor uses these credentials to manage its configuration directory only.

After Directory Editor successfully connects to the configuration directory, creates the `ou=Services`, `ou=DML`, `ou= 1.0` path, and stores the configuration information a second form for the managed directory is displayed. Then, after successfully connecting to the managed directory, a login screen is shown. To change the startup or managed directory settings, go to the Configure menu and click Startup or Managed Directory.

See the *Sun Java™ System Directory Editor Release Notes* for more details about this process.

Known Issues and Limitations

The following table lists known issues with Directory Editor:

Table 2 Known Issues and Limitations

Defect ID	Summary
7493	Clicking very quickly between tabs on the Search page can cause a message: The form already has been submitted.
7544	If you use SSL to connect to a server on a port that is not using SSL, then the connection will hang. Similarly, if you use a plain socket to connect to a server's SSL socket, then the connection will hang. This is a characteristic of the SSL protocol taken from http://java.sun.com/products/jndi/tutorial/ldap/security/ssl.html
7580	If a Directory Editor user is logged in, and then another Directory Editor administrator or another LDAP client changes their password, then the user's actions in Directory Editor will fail with authentication errors. The user must log out and log in again to update their credentials.
7769	From the Group Edit/Create page, the "Remove Members" and "Show Members" searches may not show results that the user expects. Directory Editor filters these searches using filters supplied by the user, along with checking for group membership. If a user adds members to the group with the Add Member feature, the members will not be included in the "Remove Members" and "Show Members" search results until the group has been saved.
7916	If you change the identity of the configuration directory access user on the Startup Properties page, Directory Editor will not initialize and will display the following error <code>Failed to initialize configuration at '< naming context>'</code> To work-around this issue, modify the ACL on the <code>ou=Services, ou=DML</code> entry to allow access for the new access user.
8073	When an object's DN has multiple naming attributes, Directory Editor sometime displays an incorrect DN on the Edit page. For example, display an entry with the DN <code>uid=john+employeeNumber=1234,ou=People,dc=sun,dc=com</code> might display on the Edit page as <code>employeeNumber=1234+uid=john,ou=People,dc=sun,dc=com</code> . This issue is just a display problem.
8156	When you edit an object, the attributes that display are restricted to the attributes that have fields defined in the form. To display all attributes for an object, use the default form.
8185	On the Create Object page, Directory Editor does not calculate the cn until the page is refreshed.
8205	If you change the Manager Group to an empty group, Directory Editor cannot be managed. Adding a member back to the Manager Group will restore the functionality.
8214	The Enable and Disable buttons are active for all object types, but they should be disabled for non-user types.

Table 2 Known Issues and Limitations

8216	If you edit a form, use the Back button, and then edit a different form the wrong form might display. Click Cancel instead of using the Back button.
8255	Objects with characters that require escaping will be displayed with backslashes+ in the Edit Object page title. Special characters are single and double quotes, and backslashes.

Redistributable Files

Sun Java™ System Directory Editor does not contain any files that you can redistribute.

How to Report Problems and Provide Feedback

If you have problems with Sun Java™ System Directory Editor, contact Sun customer support using one of the following mechanisms:

- Sun Software Support services online at <http://www.sun.com/service/sunone/software>

This site has links to the Knowledge Base, Online Support Center, and ProductTracker, as well as to maintenance programs and support contact numbers.

- The telephone dispatch number associated with your maintenance contract

So that we can best assist you in resolving problems, please have the following information available when you submit a problem report using the preceding website:

- Description of the problem, including the situation where the problem occurs and its impact on your operation
- Machine type, operating system version, and product version, including any patches and other software that might be affecting the problem
- Detailed steps on the methods you used to reproduce the problem
- Any error logs or Java stack traces produced from the error

Additional Sun Resources

Useful Sun Java™ System information can be found at the following Internet locations:

- **Documentation for Sun Java™ System Directory Editor 1**
<http://docs.sun.com/db/prod/sjs.diredit>
- **Sun Java™ System Documentation**
<http://docs.sun.com/prod/sunone>
- **Sun Java™ System Professional Services**
<http://www.sun.com/service/sunps/sunone>
- **Sun Java™ System Software Products and Service**
<http://www.sun.com/software>
- **Sun Java™ System Software Support Services**
<http://www.sun.com/service/sunone/software>
- **Sun Java™ System Support and Knowledge Base**
<http://www.sun.com/service/support/software>
- **Sun Support and Training Services**
<http://training.sun.com>
- **Sun Java™ System Consulting and Professional Services**
<http://www.sun.com/service/sunps/sunone>
- **Sun Java™ System Developer Information**
<http://sunonedev.sun.com>
- **Sun Developer Support Services**
<http://www.sun.com/developers/support>
- **Sun Java™ System Software Training**
<http://www.sun.com/software/training>
- **Sun Software Data Sheets**
<http://wwws.sun.com/software>

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