

# Release Notes for iPlanet Delegated Administrator

## Version 4.5

Updated September 20, 2000

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These release notes contain important information available at the time of the version 4.5 release of iPlanet Delegated Administrator. New features and enhancements, installation notes, known problems, and other late-breaking issues are addressed here. Read this document before you begin using iPlanet Delegated Administrator.

An electronic version of these release notes can be found at the iPlanet documentation web site: <http://docs.iplanet.com/docs/manuals/>. 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 manuals.

These release notes contain the following sections:

- What's New in iPlanet Delegated Administrator, Version 4.5
- Known Problems and Limitations
- How to Report Problems
- For More Information

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## What's New in iPlanet Delegated Administrator, Version 4.5

The following features are new in iPlanet Delegated Administrator Version 4.5:

- Flexible Directory Information Tree (DIT) support

The current release removes a restriction present in previous versions that required the use of a specific fixed DIT structure and attribute for the relative distinguished name of the base suffix in the directory. Delegated Admin 4.5 may now be installed against a variety of DIT structures and base suffixes including "o=", "ou=", "dc=", "l=", and "c=".

- Unlimited levels of delegated administration

Delegation of user management can be applied to multiple sub-branches of the directory tree or within a single branch of the tree. Within a single branch of the tree, groups and sub-groups can be used to delegate management within a single people container.

- Support for Netscape Messaging Server 4

Templates are available to support managing account options including access method (POP, IMAP, webmail), quota, vacation message, forwarding options, and end-user mailing list management. These templates are only installed when this option is chosen during installation.

- Customized administrator roles

Added support for customized administrative roles. New roles can be built by creating new HTML templates, and modifying the Directory Server ACIs.

- Class of Service (COS)

Supports the ability to set the value of one or more directory attributes for large sets of users with a single write to the directory (for example, "email Bronze" sets those users up with 5mb mail quota and POP only email accounts).

- Configuration options can be set on a per-Organization basis

Many of the configuration options such as COS definitions and userid uniqueness can be set on a per-Organization (directory branch) basis.

- Improved User Interface

New user interface includes navigation and ease-of-use enhancements.

- JPEG image support

Capable of displaying JPEG images stored in the directory.

- Support for SiteMinder Single Sign-On

iPlanet Delegated Administrator supports single sign-on via Netegrity SiteMinder 4.0 or higher.

- SSL encryption performance enhancement

SSL communications are now up to 10 times faster.

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# Known Problems and Limitations

Configuration Issues

Browser Issues

Search Issues

8 bit/16 bit Support

SiteMinder/Enterprise Web Server Issues

Mail List Issues

Modifying User Entries

## Configuration Issues

Current issues regarding configuration and access to configuration files are discussed in this section. Parenthetical numbers contained within, or following the topic, are tracking numbers. Tracking numbers are useful when discussing issues with Technical Support or Professional Services.

### **Silent Install**

Silent Install files for NT installations contain these additional entries that do not appear in Solaris installations:

NDA\_pkg\_support=FALSE

NDA\_nms\_support=1

NDA\_sims\_support=0

Silent Install files for Solaris installations contain these additional entries that do not appear in NT installations:

ConfigDirectoryLdapURL

ConfigDirectoryAdminID

Do not delete any of these entries from the Silent Install file. Delegated Administrator does not use these files but the `install.inf` file is shared by other products, including Directory Server which updates these default values. (382889)

### **Configuration File Access**

If Delegated Administrator is configured to use a configuration suffix that differs from the user suffix, Top-level and Organization Administrators can not access the configuration files. (451390)

### **Login and Start page customization**

While customizing the Delegated Administrator login or start page on a per authentication domain basis, the var domain of the HTML page should be set to the complete domain distinguished name for the BaseSuffix. Failure to specify the complete DN will cause the default login or start page to be displayed upon logout. (391045)

### **HP AIX Login**

For Delegated Administrator running on the HP AIX operating system, the thread limit must be set higher than 64 or login will fail. (441369)

### **Password Expiration**

The Password Expiration feature must be configured the same in the Directory Server and Delegated Administrator. If the Password Expiration feature is enabled in the Directory Server it will over-ride the disabled Password Expiration feature in Delegated Administrator. (386267)

### **Client/Server Time Synchronization**

If the system time in either the server or the client differ by more than the session time out value, the error message "Invalid Session, Session has timed out. Please reauthenticate" appears. (388396)

### **Class of Service**

Class of Service attributes must be added manually to each individual user. Add these attributes to the directory server through Console. (391398)

1. Start Console for the Directory Server.
2. Double click the Directory Server node of the Console tree.
3. Select the Directory tab and expand the BaseSuffix name you created at installation.
4. Expand the config file node and the domainConfiguration node.
5. Expand the en node, next, the servletconf node and the objects node.
6. Double click the User object. The Property Editor will appear.
7. Add Class of Service attributes to the <idaobjectclass> fields and click OK.

### **Class of Service Plugins**

Initial configuration of Class of Service Directory Server Plugins causes the error message "plugin init failed". This is normal behavior. It is simply stating that there are no Class of Service definitions in the directory at the time. (386064)

## **Browser Issues**

Current issues regarding Netscape Navigator and Internet Explorer browsers are discussed in this section. Parenthetical numbers contained within, or following the topic, are tracking numbers. Tracking numbers are useful when discussing issues with Technical Support or Professional Services.

### **16 bit Character Sets**

Delegated Administrator does not support 16 bit character set. Users accessing Delegated Administrator with 16 bit character set enabled browsers, must reconfigure the browser to use a seven or eight bit character set. (496402)

### **Screen Resolution**

Optimum resolution with the Netscape Communicator browser is 1024 x 768 pixels. (486461)

### **Browser Navigation Buttons**

Do not use the "Forward" or "Back" buttons in the browser tool bar to navigate to various organizations in Delegated Administrator. Use the Location Bar icons. (430309)

### **Default Browser Background Color**

Using a non-default background color in the browser will create unpredictable visual results in the user interface. (431069)

### **Reloading Administration Pages**

Do not reload administration pages with the reload button on the browser. Use the base suffix icon on the Location Bar. (433209)

### **Internet Explorer 4.X, 5**

Do not open more than one on-line help or dialog window of the same kind at one time. If you open an on-line help window, move it to the background and try to open the same window with the on-line help icon in the Delegated Administrator user interface, an error message will result. The same is true for dialog boxes. (433389)

### **Internet Explorer Help Windows and Dialog Boxes**

To bring on-line help windows and dialog boxes to the foreground, use the Windows Status Bar. (359571)

### **Internet Explorer Internet Options**

Internet Explorer users must change the settings for temporary internet files from the default “Automatic” to “Every visit to the page” or Delegated Administrator will generally not perform as designed. Without this change, the first user viewed by the browser remains in the cache and will not display subsequently selected users. To change the setting for temporary internet files in Internet Explorer, open the Tools and choose Internet Options. Click the General tab and select “Temporary Internet files”. Select “Settings” and “New Versions of the Page”. Select the radio button “Every visit to the page”. (511835)

### **Resizing Dialog Boxes**

Do not resize windows while adding or modifying data in dialog boxes. Resizing causes the green arrow, indicating your position in the dialog box, to move to the first location edited. The red dot, indicating uncommitted changes, also disappears. (495703)

## **Search Issues**

Current issues regarding optimum page handling and search performance are discussed in this section. Parenthetical numbers contained within, or following the topic, are tracking numbers. Tracking numbers are useful when discussing issues with Technical Support or Professional Services.

### **Exceeding 100 Organizations**

Delegated Administrator performance drops if more than 100 organizations are created. More than 100 organization exceeds the number of ACIs available in the Directory Server and results in extended login times. (389484)

### **Maximum Search Result**

The recommended setting for maximum search result is 150. Searches larger than 150 may cause the server to time out.(390261)

### **Generic Search: Server Times Out**

When performing a generic or too broadly defined search on a large directory, Delegated Administrator will time out. You can optimize Delegated Administrator page handling and search performance by modifying the Directory Server configuration. The following measures are necessary when any organization in your directory exceeds 5000 users:

- Add indexes for the *nsdadomain*, *memberof*, and *uid* attributes.
- Reset the *lookthroughlimit* parameter.
- Reset *sizelimit* parameters.
- Set the All ID Threshold value appropriately.

See "Basic Installation and Configuration" in the Delegated Administrator Deployment and Customization Guide for further instruction. (362164)

### **Group Administrators: Search for Users**

Group Administrators are unable to search for users if they have previously retrieved a search for groups within that group. There are two work arounds for this situation. (511748)

- The Group Administrator may navigate up one level from where the search for groups was performed and then return to the group to search for users.
- Administrators with access to the Unix files for Delegated Administrator may alter The DeptDeptSearchCriteria.html template in Delegated Administrator to permanently remedy the situation with the following changes:

```
*** DeptDeptSearchCriteria.html 2000/09/01 20:36:23 1.1.2.9
```

```
--- DeptDeptSearchCriteria.html 2000/09/12 21:03:58
```

```
*****
```

```
*** 11,16 ****
```

```
--- 11,27 ----
```

```
<script language="JavaScript">
```

```
var currentView = "Groups";
```

```
+ function shouldChangeView() {
```

```
+ var cloc = top.BrandArea.getCurrentLocation();
```

```
+ if((null == cloc) || (" " == cloc)) {
```

```
+ return false;
```

```
+ }
```

```
+ if(currentView != top.BrandArea.getCurrentView()) {
```

```
+ return true;
```

```
+ } else {
```

```
+ return false;
```

```
+ }
```

```
+ }
```

```
function handleTypeChange() {  
    var myOptions = document.searchForm.searchType;
```

```
*****
```

```
*** 18,27 ***
```

```
--- 29,42 ----
```

```
    for (i = 0; i < myOptions.length; ++i) {  
        if (myOptions[i].selected) {  
            if (myOptions[i].text == "Groups" && currentView !=  
myOptions[i].text) {  
+  

```

```
top.BrandArea.setCurrentLocation("/nda/default/en/templates/isp/DeptDeptSearchFrame.  
html");
```

```
+         top.BrandArea.setCurrentView("Groups");  
            top.LowerFrame.ContentFrame.Main.location =  
"/nda/default/en/templates/my-depts/DeptDeptSearchFrame.html";  
            break;  
        }  
        else if (myOptions[i].text == "Users" && currentView  
!=  
myOptions[i].text) {  
+  

```

```
top.BrandArea.setCurrentLocation("/nda/default/en/templates/isp/DeptUserSearchFrame.  
html");
```



```

+         top.BrandArea.setCurrentView("Users");
         top.LowerFrame.ContentFrame.Main.location =
"/nda/default/en/templates/my-depts/DeptUserSearchFrame.html";
         break;
     }
*****
*** 41,47 ****
    }

    function focus_button() {
!   document.searchForm.actionButton.focus();
    }

    function checkNumber(str) {
--- 56,70 ----
    }

    function focus_button() {
!   if(shouldChangeView()) {
!       var loc = top.BrandArea.getCurrentLocation();
!       if(null != loc) {
!           top.LowerFrame.ContentFrame.Main.location = loc;
!       }
!   } else {
!       top.BrandArea.setCurrentView(currentView);
!       document.searchForm.actionButton.focus();
!   }

```

```
}
```

```
function checkNumber(str) {
```

### **"Sounds like" search parameter**

If you use non-English character sets to specify "sounds like" parameters in the search interface, the search function may fail. There is no workaround for this problem at this time. (338580)

## 8 bit/16 bit Support

Current issues regarding 8 and 16 bit character set support for non-English characters are discussed in this section. Parenthetical numbers contained within, or following the topic, are tracking numbers. Tracking numbers are useful when discussing issues with Technical Support or Professional Services.

### **Euro Symbol**

Delegated Administrator does not support the European currency symbol. (398677) (398688)

### **Non-English Internal uid Format**

By default, the internal uid format contains only uid. It may be configured to include the organization name. If you choose to include the organization name, insure that is *not* in a non-English format. Messaging Server does not support user IDs for organization names containing non-English characters. (348952)

### **Certificate Server: non-English Support**

Certificate Server does not support non-English (8 or 16 bit character sets). (484181) (484121)

## SiteMinder/Enterprise Web Server Issues

Current issues regarding configuration and support for Delegated Administrator in the SiteMinder and Enterprise Server environments are discussed in this section. Parenthetical numbers contained within, or following the topic, are tracking numbers. Tracking numbers are useful when discussing issues with Technical Support or Professional Services.

### **SiteMinder**

The current version of SiteMinder supports NT 4.0 and Solaris 2.6 only. (399939)

SiteMinder does not support 8 bit or 16 bit character sets. (402640) For further information, refer to SiteMinder documentation.

### **SSL LDAP Default Port in SiteMinder**

Do not manually enter the default port number 636 for secure SSL LDAP connection in the LDAP settings tab of the SiteMinder Management Console and the SiteMinder Administration GUI. Port numbers other than the 636 must be specified in the SiteMinder Management Console and Administration GUI. (496322)

### **Anonymous Access**

By default, Delegated Administrator uses a special Access Control Instruction (ACI) known as "anonymous access" to allow all users in a company intranet to search all of the User Directory. However, if anonymous access is disabled Certificate based authentication and SiteMinder setup for Delegated Administrator will not perform as designed. (399794)

### **Messaging Server and SSL with LDAP**

Messaging Server does not support LDAP over an SSL connection at this time. (460849)

### **Stopping Web Server in the SiteMinder Environment**

If Delegated Administrator is running in the SiteMinder environment and Delegated Administrator has a SiteMinder web agent on the same web server instance, the web server must be stopped by killing the web server process. The web server may not respond to the stop-script or the stop button in the server administration UI. (495761)

### **Enterprise Server 4.1 sp2 on AIX**

Delegated Administrator is certified with Enterprise Server 4.1 sp2 on Solaris, NT and HP-UX and with Enterprise Server 4.2 sp3 on AIX. The Enterprise Server 4.1 sp2 is not currently available on the AIX operating system. (512272)

### **Web Server and Delegated Administrator System Users Must be the Same**

Default system user for the Web Server is `nobody`. Delegated Administrator must be installed by `root`. Web Server and Delegated Administrator must have the same system user configuration to function correctly. (491122) To remedy the conflict in a unix installation of Delegated Administrator you must `chown` the file `resource.properties` to `nobody`. These files are located in the Delegated Administrator Server root directory.

1. Navigate to the Delegated Administrator Server root location for your installation.
2. The first instance of the `resource.properties` file is in the directory:  
`nda/classes/netstage/nda/pagegen/`. Enter the commands `chown nobody resource.properties`.
3. The second instance of the `resource.properties` file is in the directory:  
`nda/classes/netstage/nda/servlet/`. Enter the commands `chown nobody resource.properties`.

## Mail List Issues

Current issues regarding creating and maintaining mail lists are discussed in this section. Parenthetical numbers contained within, or following the topic, are tracking numbers. Tracking numbers are useful when discussing issues with Technical Support or Professional Services.

### **Invalid Characters**

Do not use the following characters for the values of domains, mail lists or descriptions:

(apostrophe)'

(double quote)"

(forward slash)/

(back slash)\

(comma),

(semi-colon);

(384256) (422129)

### **Create Mail List Check Box**

The Create Mail List check box located in the Basic Mail Information section of the Create New User and Edit User dialogs must be activated to enable end-users and Group Administrators to create mail lists. Top-level, Organization and Help Desk Administrators can create mail lists by default and do not need to activate the create mail list check box. (402041)

### **Manage Mail Lists: Top-level and Organization Administrators**

Top-level and Organization Administrators must manage and subscribe or unsubscribe to mail lists in the Edit Mail List dialog box. All Help Desk Administrators, Group Administrators and End-users perform these task in the My Accounts dialog box. (401667)

## Modifying User Entries

Current issues regarding modifying and deleting user entries are discussed in this section. Parenthetical numbers contained within, or following the topic, are tracking numbers. Tracking numbers are useful when discussing issues with Technical Support or Professional Services.

### **Deleted Users Retain Some Mail List Entries**

When a user is deleted from the directory, some residual mail list entries remain. The deleted users must be manually deleted from the following mail list properties; Person for Bounced Messages, Users and Groups and Moderators. All other user occurrences of the deleted user in the mail list are automatically removed. (487921)

### **Deleting Top-level Administrator's Own Entries**

Top-level Administrators removing their own entries from the Top-level Administration group must logout immediately after the action is completed. Top-level Administrators remaining logged in, after removal from the Top-level Administration group, have enduser privileges only and will receive error messages while attempting top-level activities. (353047)

### **Deleting Organizations of Top-level Administrators**

Top-level Administrators must not delete organization of which they are a part. Attempt to delete the organization will result in a "Failed: Insufficient 'delete' privilege..." as expected and the organization becomes unstable. (495721)

### **Change Password: Top-level Administrators**

When Top-level Administrators change their own password in must be done in the My Accounts interface. Top-level Administrators may use the Edit User interface to modify everything in their users accounts, except their passwords. (388887)

### **New User: Required Fields**

Fields in the New User dialog box for Basic Mail Information with asterisks next to them, must be filled before attempting to enter any other new user information in subsequent dialog boxes. (440009)

### **Multiple Telephone Numbers in Personal Information**

Multiple telephone numbers separated by spaces in the Personal Information dialog box are not saved as separate attribute values in the directory. (496342)

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## How to Report Problems

If you have problems with iPlanet Delegated Administrator, contact iPlanet customer support using one of the following mechanisms:

- iPlanet online support web site at <http://www.iplanet.com/support/online/>  
From this location, the CaseTracker and CaseView tools are available for logging problems.
- 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 contact support:

- 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 have used to reproduce the problem
- Any error logs or core dumps

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## For More Information

Useful iPlanet information can be found at the following Internet locations:

- **iPlanet release notes and other documentation** --- <http://docs.iplanet.com/docs/manuals/>
- **iPlanet product status** --- [http://www.iplanet.com/support/technical\\_resources/](http://www.iplanet.com/support/technical_resources/)
- **iPlanet Professional Services information** ---  
[http://www.iplanet.com/services/pro\\_serv/index.html](http://www.iplanet.com/services/pro_serv/index.html)
- **iPlanet developer information** --- <http://developer.iplanet.com/>
- **iPlanet learning solutions** --- <http://www.iplanet.com/learning/index.html>

**iPlanet product data sheets** --- <http://www.iplanet.com/products/index.html>

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