

iManager 2.7.2 (2.7 Support Pack 2) Readme

December 3, 2008

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1 Issues Resolved in iManager 2.7.2

The following issues are resolved in iManager 2.7.2:

- ◆ The TreeName Display appears to be set only by the Roles and Tasks view instead of the Header Display. (395379)
- ◆ iManager 2.7.2 allows plug-ins with Max-iManager-Version set to 2.7.0 to be installed in it.
- ◆ The user cannot log in to iManager if he/she doesn't have Public Browse Entry right.
- ◆ Password Policies assignment list is not sorted. It is difficult for the user to navigate and validate individual assignments when the size of list increases.
- ◆ A Custom Plug-in with Photo/JpegPhoto control gives HTTP 501 error while uploading larger files.
- ◆ In the Edit Member Association page, under Role Based Services, an error page is displayed when you click a link.
- ◆ A large size description control should be added to the General Property Book page and the Create User task. (175533)
- ◆ After upgrading the iManager version to 2.7.1, Audit does not send events to the Novell Audit server, SLS.
- ◆ Simple Selection default values are wrong. (414442)
- ◆ Improper short length truncations for Members and Group Membership controls. (414803)
- ◆ iManager does not respond when you log in with a copied user object.
- ◆ Advanced Properties - Add to Create Object task is not saved in plug-in studio.
- ◆ Plug-in Studio - Ability to set Page Order exists on Property Book Pages, but is missing from Tasks for Create/Modify. (353003)
- ◆ Proper Error Handling is required for Plug-in Studio Import task. The user should not get the Null Pointer Exception.

- ♦ The way the attributes with syntax case ignore list are displayed, is not useful.
- ♦ In the Modify Object dialog box, under the Members tab, unexpected characters appear in the string, Member.
- ♦ In OES 2, INVALID_ATTRIBUTE Namespace error is displayed while performing the Copy Object operation.
- ♦ In the Object Extensions task, CLASS NOT DEFINED error is displayed while adding an auxiliary class (name with serial spaces).
- ♦ iManager does not allow to modify user attributes for the DSFW created users.

2 Issues Resolved in iManager 2.7.1

The following issues are resolved in iManager 2.7.1:

- ♦ Setting up LDAP interfaces breaks dynamic group functionality.
- ♦ Adding more than one logic group in Advanced search filter for dynamic members query are not saved.
- ♦ Cannot add multiple users to multiple groups at the same time.
- ♦ The user cannot modify the chapter and page ordering while creating a property book, and while modifying the page list of an existing property book. (336071)
- ♦ Cannot export custom plug-in using Internet Explorer.
- ♦ Security vulnerability: Any user can delete Plug-in Studio created Property Book Pages. (336168)
- ♦ Only one value on a multi-valued attribute with path syntax is displayed on Edit Attribute page.
- ♦ When you export a plug-in, the manifest.mf file doesn't include Min-imanager-version, because of which when you import it back again fails.
- ♦ Plug-in Studio's Task for Create: When creating users from these custom-created tasks, it is not making a uniqueID matching the CN. (346647)
- ♦ Cannot truly assign Property Book Pages to the *Existing* chapter of *General*. (344410)
- ♦ ASCII Values field cannot be edited in the Octet String editor.
- ♦ Excessive DS Operations while modifying objects. (308623)
- ♦ Simple Selection is broken in the *Configure > Views > iManager Views* task screen. (336365)
- ♦ Creation of a Volume object should have a Physical Volume name entry that is populated with all possible values.
- ♦ *Configure > Views > iManager Views* task is broken. (343239)
- ♦ On the Modify Object page of Directory Administration, the user's password cannot be set.
- ♦ Option to use a proxy server to download plug-ins. (96942)
- ♦ iManager-Group object could define a Collection Owner.
- ♦ iManager 2.7 Octet String Editor does not work.
- ♦ If the user changes passwords in such a way that they don't meet Universal Password Policy, proper messages are not displayed.
- ♦ System Error occurs when the user tries to edit a stream attribute containing xml data.
- ♦ Cannot add replica if the server exists as S/R replica in a ring.

- ♦ The Object View, Tree, and Browse tabs return unsorted results.
- ♦ Specific files that the user wants to browse for, are not listed under View Objects-Browse view.
- ♦ The user cannot delete attributes from Auxiliary Classes by using iManager. Customer ldap scripts must be used to delete them.

3 Changed Files

The following files are changed in this support Pack:

IMPORTANT: iManager support packs DO NOT back up the files that are replaced and therefore cannot be automatically uninstalled. If you want to roll back these changes, you should manually back up the files replaced by this update. The list of files changed are:

modules/base/skins/default/devices/default/partition/GetObjectForm.jsp
modules/base/skins/default/devices/default/partition/AddReplica.jsp
modules/base/skins/default/devices/default/CrtUserAcct.jsp
modules/base/skins/default/devices/default/AddAttrFromClass.jsp
modules/base/skins/default/devices/default/pTemplate_Identification.jsp
modules/base/skins/default/devices/default/DGFilterPage.jsp
modules/base/skins/default/devices/default/AddAttributeOpt.jsp
modules/base/skins/default/devices/default/pGroup_Identification.jsp
modules/base/skins/default/devices/default/pUser_Identification.jsp
modules/base/skins/default/devices/default/pComputer_Identification.jsp
modules/base/skins/default/devices/default/pCountry_Identification.jsp
modules/base/skins/default/devices/default/pLocality_Identification.jsp
modules/base/skins/default/devices/default/pProfile_Identification.jsp
modules/base/skins/default/devices/default/pOrg_Identification.jsp
modules/base/skins/default/devices/default/pShared_PasswordRestrictions.jsp
modules/base/skins/default/devices/default/pShared_LoginScript.jsp
modules/base/skins/default/devices/default/pProfile_LoginScript.jsp
modules/base/skins/default/devices/default/pOu_Identification.jsp
modules/base/skins/default/devices/default/pOrgRole_Identification.jsp
modules/base/skins/default/devices/default/pExternalEntity_Identification.jsp
modules/base/skins/default/devices/default/CrtVolume.jsp
modules/base/skins/default/devices/default/GetFSVolumesExchanger.jsp
modules/base/skins/default/devices/default/pDirMap_Identification.jsp
modules/base/skins/default/devices/default/CrtDirMap.jsp
modules/base/skins/default/devices/default/partition/ReplicaTable.jsp
modules/base/skins/default/devices/default/ModifyTrustees.jsp
modules/base/skins/default/devices/default/SetPass.jsp
modules/base/skins/default/devices/default/SetSimplePassword_inc.jsp
modules/base/skins/default/devices/default/DGCreateGroup.jsp
modules/base/skins/default/devices/default/DGMembersPage.jsp
modules/base/skins/default/devices/default/NGGroupMemberPage.jsp
modules/base/skins/default/devices/default/NGGroupMembershipPage.jsp

modules/base/skins/default/devices/default/NGSettingsPage.jsp
modules/base/skins/default/devices/default/pGroup_Members.jsp
modules/base/skins/default/devices/default/pShared_LoginRestrictions.jsp
modules/base/skins/default/devices/default/ShowClassInfo.jsp
modules/base/skins/default/devices/default/ShowAttributeInfo.jsp
modules/base/skins/default/devices/default/ModifyTrusteesAssignedRights.jsp
modules/base/skins/default/devices/default/RightsToOtherObjectsAssignedRights.jsp
modules/base/skins/default/devices/default/pVolume_Identification.jsp
modules/base/skins/default/devices/default/pUser_Environment.jsp
modules/base/skins/default/devices/default/DGViewMyGroups.jsp
web/portal/modules/dev/skins/default/devices/default/GenMsg.jsp
web/portal/modules/dev/skins/default/devices/default/WizardFrameSet.jsp
web/portal/modules/dev/skins/default/devices/default/WizardFrameFooter.jsp
web/portal/modules/dev/skins/default/devices/default/TCFull_inc.jsp
web/portal/modules/dev/skins/default/devices/default/MVStringEditor_inc.jsp
web/portal/modules/dev/skins/default/devices/browser/TC_inc.jsp
web/portal/modules/dev/skins/default/devices/mozilla/TC_inc.jsp
web/portal/modules/fw/skins/default/devices/browser/OV/BrowseQuery.jsp
web/portal/modules/fw/skins/default/devices/mozilla/OV/BrowseQuery.jsp
web/portal/modules/fw/skins/default/devices/browser/Launch.jsp
web/portal/modules/fw/skins/default/devices/default/Launch.jsp
web/portal/modules/fw/skins/default/devices/mozilla/Launch.jsp
web/portal/modules/fw/skins/default/devices/pocket/Launch.jsp
web/portal/modules/fw/skins/default/devices/browser/BookFrameHeader.jsp
web/portal/modules/fw/skins/default/devices/default/BookFrameFooter.jsp
web/portal/modules/fw/skins/default/devices/default/About.jsp
web/portal/modules/fw/skins/default/devices/default/ModifyMemberAssignedRolesPage.jsp
web/portal/modules/fw/skins/default/devices/default/Studio_more.jsp
web/portal/modules/fw/skins/default/devices/default/Studio_main.jsp
web/portal/modules/fw/skins/default/devices/default/Studio_import.jsp
web/portal/modules/fw/skins/default/devices/default/CfgWizCollection_js.jsp
web/portal/modules/fw/skins/default/devices/default/AsyncProgress.jsp
web/portal/modules/fw/skins/default/devices/default/OctetStringEditor.jsp
web/portal/modules/fw/skins/default/devices/default/EmailConfigTask.jsp
web/portal/modules/fw/skins/default/devices/default/CfgWizModules_js.jsp
web/portal/modules/fw/skins/default/devices/default/HistoryResults.jsp
web/portal/modules/fw/skins/default/devices/default/BookFrameSet.jsp
web/portal/modules/fw/skins/default/devices/default/BookFrameHeader.jsp
web/portal/modules/fw/skins/default/devices/default/ModulesToInstall.jsp
web/portal/modules/fw/skins/default/devices/default/PluginDependency.jsp
web/portal/modules/fw/skins/default/devices/default/LoadQuery.jsp
web/portal/modules/fw/skins/default/devices/default/PluginLicenseAgreement.jsp
web/portal/modules/fw/skins/default/devices/default/ShowPluginInfo.jsp
web/portal/modules/fw/skins/default/devices/default/Authentication.jsp

web/portal/modules/fw/skins/default/devices/default/SystemConfigurationPage1.jsp
web/portal/modules/fw/skins/default/devices/default/OtherPage.jsp
web/portal/modules/fw/skins/default/devices/default/AssignUsersAndScopes.jsp
web/portal/modules/fw/skins/default/devices/default/ModifyRoleAssociations.jsp
web/portal/modules/fw/skins/default/devices/default/GetRightsForRoleForm.jsp
web/portal/modules/fw/skins/default/devices/default/ManageFavorites.jsp
web/portal/modules/fw/skins/default/devices/default/Studio_overview.jsp
web/portal/modules/fw/skins/default/devices/default/TimestampEditor.jsp
web/portal/modules/fw/skins/default/devices/default/TimestampEditorPopup.jsp
web/portal/modules/fw/skins/default/devices/default/TC_QuickFind.jsp
web/portal/modules/fw/skins/default/devices/default/ExtendObject.jsp
web/portal/modules/fw/skins/default/devices/default/ExtendMultipleObjects.jsp
web/portal/modules/fw/skins/default/devices/default/ExtendClasses.jsp
web/portal/modules/fw/skins/default/devices/default/RemoveClasses.jsp
web/portal/modules/fw/skins/default/devices/browser/OV/OVRefresh.jsp

4 Downloading and Installing iManager Support Pack

IMPORTANT: iManager support packs do not make a backup of files replaced. The only way to roll back to a previous state is to backup all modified files *before* applying the support pack and then manually restoring the backed up files.

Also, iManager support packs must be installed on all iManager servers in your environment. Support packs do not automatically replicate other iManager servers in your tree.

NOTE: After you install the iManager support pack, iManager will be non-functional until you restart Tomcat.

To download and install an iManager support pack, extract the file:

For Windows and NetWare servers, use a windows decompression utility that supports zip, (that is, WinZip) to extract `iman27_SP2.npm` to a temporary directory either on the workstation or on the server.

For Unix servers, use `gzip` and `tar` to decompress and extract the tarball to a temporary directory on which the patch will be applied. (that is, `gzip -d -c iman27sp2.tgz | tar xvf -`). Linux users can use `tar -zxvf iman27sp2.tgz`.

NOTE: Support pack files, like plug-ins, are packaged in modules (NPMs). Those modules are capable of containing one or more support packs. This Support Pack is a cumulative patch and includes all fixes from previous Support Packs.

1. Log in to iManager.
2. Click *Configure*.
3. Click *Plug-in Installation > Available Novell Plug-in Modules*.
4. Click *Add* and browse to the `iman27_SP2.npm` file, then click *OK*.

5. Verify that the module is iman27_SP2.npm and the description reads Support Pack 2 for iManager 2.7.
6. Select the checkbox next to the support pack file iman27_SP2.npm and click *Install*.

The installation takes a few minutes.

NOTE: Internet Explorer may append a .zip extension to the .npm when it is downloaded. The browser might actually remove the .npm extension, and replace it with .zip. The extension must be .npm. Otherwise, the installation does not upload the file.

7. Click *Close* and Restart Tomcat.

NOTE: Tomcat sometimes requires several minutes to fully initialize. Wait a few minutes before trying to log into iManager after restarting Tomcat.

Table 1 Enter Table Title Here

PLATFORM	RESTART COMMAND
NetWare® 6.5	Type <code>tomcat5 stop</code> . Wait at least a minute, then type <code>tomcat5 start</code> to start the service again.
Windows*	Stop and start the Tomcat service.
Linux	Enter <code>/etc/init.d/novell-tomcat5 stop</code> , then enter <code>/etc/init.d/novell-tomcat5 start</code> .
Mobile iManager	Close Mobile iManager and re-open Mobile iManager.

8. Verify that the new support pack has been installed.
 - ♦ Log in to iManager, then check whether the home page displays the new version (2.7.2).
 - ♦ Check the log file located in `webapps/nps/WEB-INF/changeLog`.
 - ♦ Click *Novell iManager* in the upper-left corner of the iManager application window to view the iManager information page.

5 What is New

iManager 2.7.2 includes the following product enhancement:

- ♦ [Section 5.1, “Simple Selection for “Rename” Tasks,” on page 7](#)
- ♦ [Section 5.2, “Framework for Schema Extension,” on page 7](#)
- ♦ [Section 5.3, “Login Script View Window is Editable,” on page 7](#)
- ♦ [Section 5.4, “Multi-Valued Case Ignore List is Displayed Properly,” on page 7](#)
- ♦ [Section 5.5, “Groups Can Now be Added to the Authorized Users and the Groups List,” on page 7](#)
- ♦ [Section 5.6, “Option to Refresh Object Information,” on page 8](#)
- ♦ [Section 5.7, “Option to Refresh Schema Information,” on page 8](#)
- ♦ [Section 5.8, “Proxy Feature to Download Plug-Ins,” on page 8](#)

- ◆ Section 5.9, “Simple Selection Displays User DN in Addition to the First Name and the Last Name,” on page 8
- ◆ Section 5.10, “iManager Server Time Out Settings,” on page 8
- ◆ Section 5.11, “Downloading Plug-In Modules from a Custom Site,” on page 8
- ◆ Section 5.12, “MVSelect Controls of the Property Page Displays the Common Values of Attributes for Multiple Objects,” on page 8
- ◆ Section 5.13, “Selective Plug-In Install and Dependency Chaining,” on page 9
- ◆ Section 5.14, “Security Container Supports Other Object Types,” on page 9
- ◆ Section 5.15, ““Installed” Column in Plug-in Studio Page to Find Whether a Custom Plug-In is Installed,” on page 9

5.1 Simple Selection for “Rename” Tasks

Simple Selection feature is now added for *Rename Group*, *Rename Object*, and *Rename User* tasks under *Roles and Tasks*. This helps to easily locate the object by searching across the entire tree based on certain parameters of the object.

5.2 Framework for Schema Extension

iManager now has a framework that extends a plug-in schema by using the schema definition, which is provided by the plug-in, during the plug-in installation. Schema extension is specific to the tree into which the user has logged in.

5.3 Login Script View Window is Editable

The users can now modify the size of the Login Script view window in Plug-in Studio window. For this, he/she has to specify the column size which indicates the number of characters, and the row size which indicates the number of rows, in the corresponding fields by using the *View or modify parameters* icon.

5.4 Multi-Valued Case Ignore List is Displayed Properly

The users can now view all the values together for an attribute of syntax Multi-Valued Case Ignore List. He/she can edit values and each component of a multi-value entry with the help of a pop-up window. “-” acts as value separator in the list. A scrollbar is also provided for an attribute which has many values.

5.5 Groups Can Now be Added to the Authorized Users and the Groups List

You can now add group objects to the authorised users and the groups list. After adding, all the members of the group become authorised users. If a user is a member of a group which is present in the authorised users and groups list, after logging in, he/she has the right to configure iManager. Therefore, administrators can now create groups of users who have rights to configure iManager server and add the group to the authorised users and groups list.

5.6 Option to Refresh Object Information

In the *Directory Administration > Modify Object* task page, a Refresh button is provided to refresh the page to have the updated information.

5.7 Option to Refresh Schema Information

When the schema (classes and attributes) is updated through external sources such as ICE plug-in, executing LDIF file, executing SCH file, and so on, you can see the updated information by clicking one of the following respective tasks:

Directory Administration > Schema > Attribute information

Directory Administration > Schema > Class information

5.8 Proxy Feature to Download Plug-Ins

If iManager Servers are running under the firewall proxy, the client can access the Internet through a proxy server. Only HTTP Proxy is supported. It is a Web proxy HTTP. To download the plug-ins, the user has to enable the Proxy feature, and specify the proxy host IP address, port number, user name, and password.

5.9 Simple Selection Displays User DN in Addition to the First Name and the Last Name

When you search for User-Class objects, Simple Selection option now displays the results that includes user DN, based on which iManager sorts the results, in addition to the users' first name, and the last name.

5.10 iManager Server Time Out Settings

If you want the iManager server to time out after a certain period, you can do it by specifying the number of days, hours, and minutes in the respective fields in the Authentication page. If you never want the server to time out, select the *Never Timeout* option.

5.11 Downloading Plug-In Modules from a Custom Site

You can now download the plug-in modules from a custom site by specifying the URL of the custom site in the Download URL field, in the Plug-in Download page.

5.12 MVSelect Controls of the Property Page Displays the Common Values of Attributes for Multiple Objects

When you choose to modify multiple objects, the attribute values that are common to all the selected objects are displayed in the MVSelect Controls. You can add, edit, or delete the values of an attribute which will simultaneously affect all the selected objects.

5.13 Selective Plug-In Install and Dependency Chaining

You can now select and install a desired plug-in which automatically installs all the dependent plug-ins.

5.14 Security Container Supports Other Object Types

Security container now supports other object types in addition to aliases.

5.15 “Installed” Column in Plug-in Studio Page to Find Whether a Custom Plug-In is Installed

In the Plug-in Studio page, few custom tasks which are not created by a particular iManager server are displayed because of their entry in eDirectory. The custom tasks that are not created by the iManager server are not installed on it. A column *Installed* is now provided to indicate whether a custom task/page is installed on the server. The tasks/pages that are not installed are marked as *X*. A tick mark is displayed for the tasks/pages that are installed.

This helps you in exporting a custom task. If the custom task that you want to export is marked as *X* under the *Installed* column, you should first install it and then export it.

6 Known Issues

The following issues exist in the iManager 2.7 environment:

- ◆ [Section 6.1, “Tree View Issues,” on page 11](#)
- ◆ [Section 6.2, “Invalid RBS Member Association can cause Java Exception,” on page 11](#)
- ◆ [Section 6.3, “Authentication Error with SLES 9,” on page 11](#)
- ◆ [Section 6.4, “Plug-in Compatibility,” on page 11](#)
- ◆ [Section 6.5, “iManager Login Page Issues,” on page 11](#)
- ◆ [Section 6.6, “International Characters Might Not Display Correctly During Install,” on page 12](#)
- ◆ [Section 6.7, “\(Windows Servers Only\) Installing eDirectory and iManager on the Same Machine,” on page 12](#)
- ◆ [Section 6.8, “\(Windows Servers Only\) iManager Doesn't Work after Installing Groupwise 7.0 WebAccess,” on page 12](#)
- ◆ [Section 6.9, “Blank Screen or Missing Roles and Tasks,” on page 13](#)
- ◆ [Section 6.10, “Time out Setting for Dynamic Groups Returns an Error Message When the Time out Is Set to a Value That Can Be Exceeded,” on page 13](#)
- ◆ [Section 6.11, “Special Characters,” on page 13](#)
- ◆ [Section 6.12, “Two Instances Do Not Maintain Connections to Two Different Trees,” on page 13](#)
- ◆ [Section 6.13, “Javaw.exe Application Error when closing iManager Workstation or SDK,” on page 14](#)
- ◆ [Section 6.14, “Control Characters in Login Script,” on page 14](#)
- ◆ [Section 6.15, “Translation Errors in InstallAnywhere Installer,” on page 14](#)

- ◆ Section 6.16, “eDirectory Error Messages Language Settings,” on page 14
- ◆ Section 6.17, “Link Disappears or Unable to View the all the Options,” on page 14
- ◆ Section 6.18, “Null Pointer Exception trying to load iManager Login page,” on page 15
- ◆ Section 6.19, “(NetWare only) Plug-in Install Does Not Proceed without Mouse,” on page 15
- ◆ Section 6.20, “(NetWare only) On a non-English server install, iManager 2.6 is displayed instead of iManager 2.7,” on page 15
- ◆ Section 6.21, “After post installation of iManager 2.7 on NetWare 6.5 sp7 the login page might not appear,” on page 15
- ◆ Section 6.22, “Unable to create AdminNamespace.java.lang.NoClassDefFoundError,” on page 15
- ◆ Section 6.23, “Issue with Internet Explorer while opening Data Table Elements in a new window or a new tab,” on page 16
- ◆ Section 6.24, “Tomcat restart after installing a plug-in,” on page 16
- ◆ Section 6.25, “iManager mvStringEditor tag exhibits strange behavior,” on page 16
- ◆ Section 6.26, “Admin allows only “AllUsers” as the Authorized User of eDirectory to access iManager,” on page 16
- ◆ Section 6.27, “Security alert warning message is displayed many times on iManager workstation,” on page 17
- ◆ Section 6.28, “iManager workstation (Windows) sometimes does not display information,” on page 17
- ◆ Section 6.29, “Objects are not available in history, in Group Member and Group Membership property book pages.,” on page 17
- ◆ Section 6.30, “When you make a group as nested and dynamic, it might not properly function.,” on page 18
- ◆ Section 6.31, “Plug-in Uninstallation before or after iManager 2.7.1 installation,” on page 18
- ◆ Section 6.32, “Precedence of the methods for changing the page order of a Property Book,” on page 18
- ◆ Section 6.33, “508 Testing - Valued or unvalued attributes cannot be edited using keyboard,” on page 18
- ◆ Section 6.34, “Some of the DSFW objects are defined as unknown type in iManager,” on page 18
- ◆ Section 6.35, “DSFW Administrator cannot configure RBS in iManager,” on page 18
- ◆ Section 6.36, “The custom plug-ins which were installed before iManager 2.7.2 are displayed as “X” under the “Installed” column in the Plug-in Studio page,” on page 19
- ◆ Section 6.37, “Newly added Property Book pages such as Nested Settings, Group Member, and Group Memberships do not appear while modifying a group.,” on page 19
- ◆ Section 6.38, “iManager user cannot log in to a child server that holds the replica of a partition when the master server is down.,” on page 19
- ◆ Section 6.39, “Modifying a value for an attribute with the octet string syntax by using iManager corrupts the value.,” on page 20

6.1 Tree View Issues

The following issues exist in the new Tree tab of the Object View:

6.1.1 Navigation Frame Object List Does Not Update

In the Object View's Tree tab, the effects of container actions are not immediately reflected in the Navigation frame's object list. For example, adding a container, or changing an existing container's name, is not reflected in the Navigation frame until you manually refresh the view by leaving the Tree view and then re-opening it.

6.1.2 Tree View Does Not Save State Information

Tree View does not currently save its state, including current position within the tree, when switching between Tree View and the Browse/Search tabs.

6.2 Invalid RBS Member Association can cause Java Exception

If you inadvertently specify an invalid user name or scope when creating RBS Member Associations, when you try to save the changes iManager displays the following error:

```
The system encountered an unknown error. Please contact Novell Support.
```

This error prevents a successful save operation for any valid data that you might have entered. To avoid this problem, use the Object Selector to locate valid objects and scopes when configuring iManager RBS.

6.3 Authentication Error with SLES 9

You might encounter the following error while authenticating iManager on a Server with SLES 9 SP3 or later version:

```
Unable to create AdminNamespace. java.lang.NoClassDefFoundError when authenticating on SLES 9.
```

Work around: Install `compat-libstdc++-33-3.2.3-61` before installing iManager 2.7.

6.4 Plug-in Compatibility

Because of changes to class structure and organization, iManager plug-ins must be recompiled to work with iManager 2.7. The iManager 2.7 Web site contains all currently available plug-ins, and will be regularly updated with additional plug-ins when they are available. If you add an older plug-in using Add Plug-in link, it does not display an error even though the plug-in is not added. You can view specific error information in the debug log.

Similarly, the OES 2 download includes the currently available iManager 2.7 plug-ins.

NOTE: iManager 2.7 does not allow the user to install old plug-ins that iManager 2.6 supported.

6.5 iManager Login Page Issues

Be aware of the following login-related issues with iManager 2.7:

6.5.1 iChain Single Sign-On (SSO)

The iChain[®] Single Sign-On functionality (including Forward authentication, OLAC, and Form Fill) does not work in a multi-tree environment. iManager 2.7 requires a user name, password, and tree name for login, whereas iChain requires only user name and password.

Form Fill from iChain also fails because the Exit button in the iManager toolbar directs you back to the initial login form. When Form Fill is active, you are simply logged back in to iManager.

In a single server environment, it is possible to use the iManager default settings and iChain will work correctly.

6.5.2 NetIdentity Login

For the same reasons as iChain SSO, NetIdentity can cause problems with iManager login.

When using iManager 2.7 on a NetWare 6.5 SP3 server that was previously running iManager 2.x and Virtual Office, NetIdentity clients see a NetIdentity login dialog box that only requires user name and password, instead of the iManager login dialog box that requires user name, password, and tree name.

6.6 International Characters Might Not Display Correctly During Install

If, during the installation, there are problems with the display of the characters, you might need to change the system's character encoding to UTF-8.

Installing remotely through an ssh client might also require UTF-8 character encoding on the client to display characters properly.

For example, set the system variable `LC_ALL=de_DE.utf8`, then try running the install again.

6.7 (Windows Servers Only) Installing eDirectory and iManager on the Same Machine

If you want to install eDirectory and iManager on the same physical machine, you must install eDirectory before you install iManager. This allows eDirectory to perform the initial system configuration as required.

6.8 (Windows Servers Only) iManager Doesn't Work after Installing Groupwise 7.0 WebAccess

On Windows 2000 and 2003 Server with IIS 5 or 6, installing Groupwise[®] 7.0 WebAccess to IIS automatically installs Tomcat 5.5.

As the iManager installation begins, the iManager installer program detects that IIS and Tomcat are available for use. The installer reports the inability to stop the iisadmin service. Near the end of the install, the installer reports the inability to start Tomcat.

After the install is completed, GroupWise WebAccess still works, but iManager does not (HTTP 404: Page not found).

Work around: Do not install iManager and GroupWise on the same Windows server.

6.9 Blank Screen or Missing Roles and Tasks

This most commonly occurs when accessing different versions of iManager with the same browser. Resolve this problem by clearing the browser's stored cookies and cache and restarting the browser.

6.10 Time out Setting for Dynamic Groups Returns an Error Message When the Time out Is Set to a Value That Can Be Exceeded

When this occurs, the following message appears: Unknown meaning for error number - 6016; Please call a Novell provider, but the value is saved. When you access Dynamic Groups, another error message appears: The system encountered an unknown error. Please contact Novell support.

Work around: Give the Time Out setting an adequate and reasonable value.

6.11 Special Characters

iManager does not escape special characters automatically. Using a special character in an object name will cause an error unless you manually escape the character. More information is available in the [iManager documentation \(http://www.novell.com/documentation/imanager27/imanager_admin_27/data/bovjgnu.html\)](http://www.novell.com/documentation/imanager27/imanager_admin_27/data/bovjgnu.html).

6.11.1 Plug-in Studio Can't Find the RBS Collection When Trying to Install an Edited Plug-In.

Plug-In Studio can't find RBS Collections that have special characters in their names, so attempting to edit a plug-in that has been previously installed into an RBS Collection with special characters in its name causes the install to fail.

6.11.2 Using Special Characters When Creating a Property Book

Creating a Property Book, and naming it using special characters might cause a DNS Error 603 message. For more information about naming a Property Book, see “Creating a New Property Book” in the [iManager documentation \(http://www.novell.com/documentation/imanager27/imanager_admin_27/data/bypd8g8.html\)](http://www.novell.com/documentation/imanager27/imanager_admin_27/data/bypd8g8.html).

6.11.3 iManager Framework Does Not Support Special Characters in Plug-In IDs.

To create a plug-in ID that includes extended characters, create the plug-in using standard characters, then use *Advanced Properties* to change the plug-in display name after it has been created.

6.12 Two Instances Do Not Maintain Connections to Two Different Trees

Two instances in Firefox and Internet Explorer 7 tabbed views do not maintain connections to two different trees. Internet Explorer 6 maintains one session per instance, while Firefox uses the same session for all instances that use the same profile.

This difference in Web browser behavior gives the appearance that Firefox cannot support two different sessions and that connection information is crossing over. iManager can maintain a connection to two different trees at the same time in the Firefox browser, but only if each instance is using a different profile.

To work different sessions simultaneously, modify your profile using Firefox's [Profile Manager](http://www.mozilla.org/support/firefox/profile) (<http://www.mozilla.org/support/firefox/profile>). In Firefox 2.0 you can use the `-no-remote` option when launching Firefox to run multiple profiles simultaneously.

6.13 Javaw.exe Application Error when closing iManager Workstation or SDK

When closing iManager Workstation or SDK, you might encounter a `javaw.exe` Application Error. The error is benign and does not indicate any system problems or instabilities. You can safely close the error message box and continue working normally.

6.14 Control Characters in Login Script

Using ASCII control characters in a login script might cause an Unhandled Exception Error in iManager. For this reason, Novell recommends using only the standard ASCII character set when creating login scripts.

6.15 Translation Errors in InstallAnywhere Installer

iManager leverages Macrovision* InstallAnywhere* for its installation routine. Because of this, some of the language translation for the installation routine is provided by Macrovision. Novell has encountered a few errors in these Macrovision translations that it cannot access to correct. For example, when you are prompted to select a language for the installation, the language selection "Slovak" is translated to "Anglictina", which means English rather than Slovak.

Novell is working with Macrovision to get these translation errors corrected.

6.16 eDirectory Error Messages Language Settings

The iManager Language Preferences setting does not change the language of eDirectory error messages, even though the language of iManager Web interface is changed.

To work around this issues, change the operating system default language on the eDirectory server that iManager is using.

6.17 Link Disappears or Unable to View the all the Options

Novell iManager might not display the links or third row of options in the Property Book, if the window size is minimized.

To work around this issue, expand the window or consider using a resolution greater than 1024 x 768.

6.18 Null Pointer Exception trying to load iManager Login page

When you try to access iManager from a browser, sometimes the Login page fails to load, and displays the following error message:

```
exception java.lang.NullPointerException
com.novell.emframe.fw.servlet.AuthenticatorServlet.service(AuthenticatorServlet.java:334)
javax.servlet.http.HttpServlet.service(HttpServlet.java:856)
```

The browser cookies might be corrupted.

Work around: Clear the browser cookies, then try to access iManager.

6.19 (NetWare only) Plug-in Install Does Not Proceed without Mouse

During iManager 2.7 installation, you may not be able to change focus to the dialog that asks if you want to install iManager 2.7 plug-ins without using a mouse. This may prevent you to proceed with the install.

6.20 (NetWare only) On a non-English server install, iManager 2.6 is displayed instead of iManager 2.7

If you perform a non-English install of NetWare 6.5 SP 7, iManager 2.6 is displayed as the product in multiple places during the install. Also, the list of installed products will display a product of iManager 2.6 with a version of 2.7.0. Even though iManager 2.6 is displayed as the product, iManager 2.7 is the version that is installed.

6.21 After post installation of iManager 2.7 on NetWare 6.5 sp7 the login page might not appear

This is the result of the iManager 2.0.2 uninstall not removing the line "Include sys:/tomcat/4/conf/nps-Apache.conf" from SYS:\Apache2\conf\httpd.conf. You will also see a Apache2 startup error in SYS:\Apache2\logs\startup.err.

Work around: You must:

1. Edit SYS:\Apache2\conf\httpd.conf.
2. Remove the line "Include sys:/tomcat/4/conf/nps-Apache.conf" from the bottom of the file.
3. Save the changes.
4. Start Apache2, ap2webup.

6.22 Unable to create AdminNamespace.java.lang.NoClassDefFoundError

You might encounter the above error when authenticating to eDirectory with iManager 2.7 Workstation or SDK on SLED 10. This indicates the problem while updating NCI. You might notice a message that prime NCI was unsuccessful when you updated NCI.

NICI 2.7.0 is installed with SLED 10 and the Open Desktop Edition add-on (ODE). iManager 2.7 requires NICI 2.7.3 and prompts you to install when you run iManager 2.7 Workstation or SDK for the first time. The issue is because NICI 2.7.0 is not successfully upgraded to NICI 2.7.3. During the update, you get a message that prime NICI was not successful.

Work around: Remove both versions of NICI on the system, ignoring any dependencies. For example, the ODE add-on itself has a dependency on NICI. So, remove NICI by telling the Software Management to ignore the dependency. Re-install NICI 2.7.3 that you got with iManager 2.7 Workstation. Before you install NICI 2.7.3, make sure that you delete the `/var/novell/nici` directory.

6.23 Issue with Internet Explorer while opening Data Table Elements in a new window or a new tab

While doing RBS Configuration in Internet Explorer, if you try to open a Data Table Element in a new window or a new tab, you cannot get the desired result. Instead, you should directly click the links.

6.24 Tomcat restart after installing a plug-in

After installing a plug-in such as, service pack, if you immediately (without waiting at least for 3 Seconds) click *Close*, a blank page appears. Now you should restart Tomcat:

- ♦ **For Windows:** Restart tomcat services from *Control Panel->Administrative Tools->Services*.
- ♦ **For Linux:** `/etc/init.d/novell-tomcat5 restart`
- ♦ **For NetWare:**
 1. `tomcat5 stop`
 2. `tomcat5 start`

6.25 iManager mvStringEditor tag exhibits strange behavior

Internet Explorer 6.0 does not display tooltips for the items in a list. So, the iManager `mvStringEditor` tag does not show tooltips for the values it contains. This is fixed in Internet Explorer 7.0 and it shows tooltips for the values in the iManager `mvStringEditor` tag.

6.26 Admin allows only “AllUsers” as the Authorized User of eDirectory to access iManager

If the Admin wants to allow all the eDirectory users to access iManager, he should add *AllUsers* (case sensitive) to the *Authorized User* list in the Configure page.

If the Admin adds an invalid user, for example, *Allusers* to the list, then he cannot modify the Configure page next time when he visits the page. A message, `Current logged in user is not authorized to configure iManager` is displayed.

Work around: In `Configiman.properties` file, modify the corresponding line as `AllUser=true`.

6.27 Security alert warning message is displayed many times on iManager workstation

After authentication on iManager 2.7 workstation, the following Security Warning message is displayed:

```
The information you have entered is to be sent over an unencrypted connection and could easily be read by a third party. Are you sure you want to continue sending this information?
```

The message is also displayed many times when you go to the tree view, and the other parts of iManager.

Work around:

1. Open the `security-prefs.js` file from `<imanager workstation folder>/bin/windows/mozilla/greprefs.` (for Windows)

Open the `security-prefs.js` file from `<imanager workstation folder>/bin/linux/mozilla/greprefs.` (for Linux)

2. Modify the following settings from true to false as:

```
pref("security.warn_entering_secure", false);
pref("security.warn_leaving_secure", false);
pref("security.warn_submit_insecure", false);
```

New downloads of Linux workstation have these flags set to `false`, by default.

6.28 iManager workstation (Windows) sometimes does not display information

iManager workstation might not display error messages, pop-ups, and load pages like Tree View, Object Browse, and Create Objects. This happens when the XULRunner browser cache contains old data of the previous build of iManager 2.7 workstation.

Work around: You must manually clear the data from browser cache.

1. Exit iManager.
2. Go to `C:\Users\<username>\AppData\<Profile>\Mozilla\eclipse\Cache` (the path varies depending on the configuration and OS).
3. Delete the data in the Cache directory.
4. Restart iManager.

6.29 Objects are not available in history, in Group Member and Group Membership property book pages.

The Object Selector icons in the Group Member and Group Membership property book pages allow you to select the objects that have auxiliary class `nestedGroupAux` in their `Object Class` attributes. However, the design for adding such objects to the history requires `nestedGroupAux` to be an object type. Therefore, these objects are not added to the history.

6.30 When you make a group as nested and dynamic, it might not properly function.

You can make a Nested Group also a Dynamic Group and vice versa by using the Object Extension task under Schema role. However, as long as eDirectory allows the auxiliary classes to be added to the objects by using the Object Extension task, iManager does not check them. Therefore, if you make a group as nested and dynamic, it might not properly function.

6.31 Plug-in Uninstallation before or after iManager 2.7.1 installation

If you try to uninstall a plug-in from iManager 2.7 without support pack 1, and fail, you cannot uninstall the same plug-in even after installing the support pack 1.

Work around: You must manually uninstall.

6.32 Precedence of the methods for changing the page order of a Property Book

Changes done to the page order of a Property Book through *Preferences* have higher precedence than reordering the *Page List* for the same Property Book while modifying the *Role Based Collection* through *Role Based Services*. This is because the latter modifies the Property Book object in the eDirectory, whereas the former is specific to a particular Property Book on particular iManager server.

6.33 508 Testing - Valued or unvalued attributes cannot be edited using keyboard

The user cannot select valued or unvalued attributes select boxes by using keyboard.

Work around: In Firefox 3, press `Scroll Lock + Up/Down arrow` or `Shift + Ctrl + Up/Down arrow`.

In Internet Explorer 7, press `Scroll Lock + Up/Down arrow`.

6.34 Some of the DSFW objects are defined as unknown type in iManager

When you log in to iManager that is connected to eDirectory, where DSFW server is installed, as Administrator, and try to modify the objects under a container, for example *blr.novell.com*, a few objects of type Users, Configuration, Computers, and so on appear as undefined. A “?” is displayed against the object types.

6.35 DSFW Administrator cannot configure RBS in iManager

DSFW administrator cannot configure RBS in iManager. He/she fails to do while modifying ACL value. This is because the rights for the DSFW administrator are limited that he/she has the supervisor rights only on the domain and subdomains which he/she manages. But he/she does not have all rights as the Tree administrator.

6.36 The custom plug-ins which were installed before iManager 2.7.2 are displayed as “X” under the “Installed” column in the Plug-in Studio page

After upgrading the iManager version to 2.7.2, the custom plugins that are installed prior to 2.7.2, are shown as *X* under *Installed* column in the Plug-in Studio page.

Work around: Select the plug-in, then click *Edit > Install*. The plug-ins are installed with the features of iManager 2.7.2.

6.37 Newly added Property Book pages such as Nested Settings, Group Member, and Group Memberships do not appear while modifying a group.

After upgrading the iManager version to 2.7.2, newly added Property Book pages such as Nested Settings, Group Member, and Group Memberships do not appear while modifying a group by using the Modify Group task.

Work around: You should manually assign the pages to the Modify Group property book for the RBS Collection being used, or create a new RBS Collection.

To manually assign the pages to the Modify Group property book:

1. Click the *Configure* tab.
2. Click *Role Based Services > RBS Configuration*. The RBS Configuration page is displayed.
3. Click the existing RBS Collection. The Collection: <RBS Collection> page is displayed.
4. Click the *Property Book* tab, then select the Modify Group, and then click *Actions > Page List*. The Edit Page List page is displayed.
5. From the Available Pages: list, select *Group Member*, *Group Memberships*, and *Nested Settings*, then click the Right Arrow so that the selected items are moved to the Assigned Pages: list, and then click *OK*. The message, *The property book was successfully modified* is displayed.

To create a new RBS Collection:

1. Click the *Configure* tab.
2. Click *Role Based Services > RBS Configuration*. The RBS Configuration page is displayed.
3. Click *New > Collection and Setup*. *RBS Configuration Wizard* is invoked. This guides you to create a new RBS Collection with the newly added pages.

6.38 iManager user cannot log in to a child server that holds the replica of a partition when the master server is down.

When the master/parent server is down, the iManager user cannot find the tree root because the information of the tree root is available only with the master/parent server. Because the user cannot find the tree root, he/she cannot log in to the child server which has the replica.

6.39 Modifying a value for an attribute with the octet string syntax by using iManager corrupts the value.

After modifying the values for an attribute with the octet string syntax, the value is not properly saved in the edirectory, and is corrupted. This also happens when a new value is added to the octet string list by using iManager's octet string editor.

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