

iManager 2.7.3 Field Patch (FTF) 1 Readme

Novell®

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1 What is New

iManager 2.7.3 includes the following product enhancements:

1.1 Newly Supported Platform and Browser

In addition to the existing platforms and Web browsers, iManager 2.7.3 FTF 1 supports Windows 7 (32-bit and 64-bit), Windows 2008 R2 platforms, and Internet Explorer 8 (IE 8).

For more information on the supported platforms, refer to the [iManager 2.7.3 Installation Guide](http://www.novell.com/documentation/imanager27) (<http://www.novell.com/documentation/imanager27>).

1.2 “Hide” and “Show Hidden” Buttons in the Available Novell Plug-In Modules Page

The following two buttons are newly available in the Available Novell Plug-in Modules page:

- ♦ **Hide:** Clicking this button hides the selected Novell plug-in modules. You can also hide all the plug-in modules so that the Home page doesn't display the New iManager NPMs are available to install notice.
- ♦ **Show Hidden:** Clicking this button displays the list of the hidden Novell plug-in modules. You can unhide the hidden plug-in modules.

1.3 Preferred Object Selection Method for a Task of a Property Book

In the Property Book page, the user can now define/modify a preferred object selection method for an existing task. For this, a new feature, Target Chooser Mode has been added to the Actions list.

1.4 Ability to Add Organizational Role to the Authorized Users and Groups List

In the Security page of the Configure iManager window, the user can now add an Organizational Role to the *Authorized Users and Groups* list so that all the members (users and groups) of the organization become authorized users.

1.5 iManager Caches Login Information for Faster Login

iManager now caches the first-time-login information with the tree name and uses that information in the subsequent logins. This process makes the logins fast.

1.6 Ability to Configure the Proxy by using DNS

The user can now configure a proxy also by using DNS names. The proxy host field now accepts DNS names also.

2 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:

By Using Novell Download Site

- 1 Download `iman273_FTF1.npm` file from the Novell download site to your local machine.
- 2 Log in to iManager.
- 3 Click *Configure > Plug-in Installation > Available Novell Plug-in Modules*.
- 4 Click *Add* and browse to the `iman273_FTF1.npm` file, then click *OK*.
- 5 Verify that the module is `iman273_FTF1.npm` and the description reads *Field Patch 1 for iManager 2.7.3*.
- 6 Select the check box next to the field patch file `iman273_FTF1.npm` and click *Install*.

The installation takes a few minutes.

NOTE: Internet Explorer might 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 *Restart Tomcat*

PLATFORM	RESTART COMMAND
NetWare® 6.5	Enter <code>TC5STOP</code> . Wait at least a minute, then enter <code>TOMCAT5</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 (2.7.3 FTF 1).
- ♦ 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.

By Using iManager

- 1 Log in to iManager.
- 2 Click *Configure > Plug-in Installation > Available Novell Plug-in Modules*.
- 3 Select the check box next to the support pack plug-in and click *Install*.
The installation takes a few minutes.
- 4 Follow [Step 7](#) in “By Using Novell Download Site” on page 2.
- 5 Follow [Step 8](#) in “By Using Novell Download Site” on page 2.

NOTE: When you install iManager plug-ins, sometimes either the installation hangs or the plug-ins are not properly installed. To troubleshoot the issue, see “[iManager Plug-in Installation Hangs or Plug-ins Are Not Properly Installed](#)” in the *iManager 2.7.3 Administration Guide*.

3 Issues Resolved in iManager 2.7.3

The following are the issues resolved in the iManager 2.7.3 FTF 1 release:

- ♦ The Others tab while modifying user is empty with iManager 2.7.3 .
- ♦ Cannot browse/select objects from IE 8 browser.
- ♦ In IE 8, the iManager Tree view option was not listing.

- ♦ iManager plugin fails to uninstall cleanly.
- ♦ Objects created with alternate naming attribute in some cases.

The following issues are resolved in iManager 2.7.3:

- ♦ Error message for deleting object is not localized.
- ♦ Configure iManager task is not displayed for the member of a nested group which is an Authorized user.
- ♦ Plug-ins are not removed when you select *Select all plug-ins* option in the Available Novell Plug-in Modules page, deselect one or more plug-ins in the list, and click *Remove*.
- ♦ iManager (2.7 with Tomcat 5.5) login screen, by default, has *Autocomplete* enabled which results in security vulnerability.
- ♦ *Replace* option under the *Identification* tab of the Modify User page does not work.
- ♦ Large number of XSS vulnerabilities exist in iManager 2.7.
- ♦ iManager 2.7.2 removes RBS collection ownership for a user when the user is added to / removed from a group object.
- ♦ Plug-in allows inconsistency of group and group membership.
- ♦ A user, who has logged in to iManager through Internet Explorer, as a t1 trustee user cannot view the property pages.
- ♦ Plug-in download does not function when you add a plug-in with name same as that of one of the existing plug-ins, and rename the exiting plug-in of the same name.
- ♦ Plug-ins are not displayed because of clash between .jar files.
- ♦ Uniqueness scan does not work if a tree has more than 7000 users.
- ♦ Login script that is created with Novell client appears blank in iManager.
- ♦ iManager tree view filter does not work when you use scandinavian characters.

4 Known Issues

The following issues exist in the iManager 2.7 environment:

- ♦ [Section 4.1, “Security Message Appears while Using IE 8,” on page 6](#)
- ♦ [Section 4.2, “Tree View Issues,” on page 6](#)
- ♦ [Section 4.3, “Invalid RBS Member Association can Cause Java Exception,” on page 7](#)
- ♦ [Section 4.4, “Authentication Error with SLES 9,” on page 7](#)
- ♦ [Section 4.5, “Plug-In Compatibility,” on page 7](#)
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- ♦ [Section 4.7, “International Characters Might Not Display Correctly During Install,” on page 8](#)
- ♦ [Section 4.8, “\(Windows Servers Only\) Installing eDirectory and iManager on the Same Machine,” on page 8](#)
- ♦ [Section 4.9, “\(Windows Servers Only\) iManager Doesn't Work after Installing Groupwise 7.0 WebAccess,” on page 8](#)
- ♦ [Section 4.10, “Blank Screen or Missing Roles and Tasks,” on page 8](#)
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- ◆ Section 4.37, “Newly added Property Book pages such as Nested Settings, Group Member, and Group Memberships Do Not Appear while Modifying a Group,” on page 15

- ♦ Section 4.38, “iManager User Cannot Log In to a Child Server that Holds the Replica of a Partition when the Master Server is Down,” on page 15
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4.1 Security Message Appears while Using IE 8

While working with iManager through IE 8 browser and when you click the *View Objects* tab, a security warning message appears. It is the security provided by IE 8 that mentions Do you want to view only the webpage content that was delivered securely.

To block this message from appearing, perform the following in the IE 8 browser:

- 1 Click *Tools > Internet options*.
The Internet Options window is displayed.
- 2 Click the *Security* tab. By default, the Internet option is selected.
- 3 Click *Custom Level*.
The Security Settings window is displayed.
- 4 In the *Miscellaneous* section, enable “Display mixed content” (select the *Enable* option corresponding to *Display mixed content*).
- 5 Click *OK*.

4.2 Tree View Issues

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

4.2.1 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.

4.2.2 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.

4.3 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.

4.4 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.i386.rpm` before installing iManager 2.7.

4.5 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.

4.6 iManager Login Page Issues

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

4.6.1 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.

4.6.2 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.

4.7 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.

4.8 (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.

4.9 (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.

4.10 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.

4.11 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.

The workaround is to give the Time Out setting an adequate and reasonable value.

4.12 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).

4.12.1 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.

4.12.2 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).

4.12.3 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.

4.13 Two Instances Do Not Maintain Connections to Two Different Trees

Two instances in Firefox and Internet Explorer 8 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 and 3.0, you can use the `-no-remote` option when launching Firefox to run multiple profiles simultaneously.

4.14 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.

4.15 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.

4.16 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.

4.17 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 issue, change the operating system default language on the eDirectory server that iManager is using.

4.18 Link Disappears or Unable to View 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.

4.19 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.

4.20 (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.

4.21 (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 SP7, 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.

4.22 After 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`.

As a workaround, 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`.

4.23 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 NICI. You might notice a message that prime NICI was unsuccessful when you updated NICI.

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

4.24 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.

4.25 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. TC5STOP
 2. TOMCAT5

4.26 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 or later and it shows tooltips for the values in the iManager `mvStringEditor` tag.

4.27 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`.

4.28 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.

4.29 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.

As a workaround, you must manually clear the data from browser cache:

1. Exit iManager.
2. Go to:
Windows: C:\Users\<username>\AppData\<Profile>\Mozilla\eclipse\Cache
Linux: /home/<username>/.mozilla/eclipse/Cache
3. Delete the data in the Cache directory.
4. Restart iManager.

4.30 Objects Are Not Available in History, 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.

4.31 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.

4.32 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.

4.33 508 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`.

4.34 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.

4.35 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.

4.36 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 plug-ins that are installed prior to 2.7.2, are shown as *X* under *Installed* column in the Plug-in Studio page.

As a workaround, select the plug-in, then click *Edit > Install*. The plug-ins are installed with the features of iManager 2.7.2.

4.37 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.

4.38 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 or 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.

4.39 iManager Plug-In Uninstallation Does Not Properly Happen on Windows Vista

When you uninstall iManager plug-ins on Windows Vista, the uninstallation does not properly happen. Even though you get an uninstallation successful message, you can still view the plug-ins as installed in the *Installed Novell Plug-in Modules* list.

Work around: The problem occurs because `.com.zerog.registry.xml` file that is required for uninstallation might be hidden. You should make the file available for uninstallation by making it visible:

1. Click *Start > My Computer*. The My Computer page is displayed.
2. Click *Tools > Folder Options*. The Folder Options dialog box is displayed.
3. Click *View*.
4. Under *Advanced settings*:, select *Show hidden files and folders*.

4.40 iManager Installation in Portuguese-Brazilian Locale Corrupts the gettingstarted.html File

When installing iManager (of any language) in Portuguese-Brazilian locale, if you set the `LANG` environment variable to `pt_BR.UTF-8`, `pt_BR.utf8`, or `pt_BR`, the installer corrupts the `gettingstarted.html` file of the particular language.

As a workaround, before starting the iManager installation, set the `LANG` environment variable to `pt_PT.UTF-8` by entering the following command at the terminal:

```
export LANG=pt_PT.UTF-8
```

4.41 Uninstallation of iManager Plug-In Does Not Happen Properly

If you have installed a plug-in through iManager 2.7.2 or earlier versions and if you try to uninstall this plug-in through iManager 2.7.3 or later version, the plug-in does not get uninstalled properly.

In this case, you must manually uninstall the plug-in by removing the following directories:

- ♦ `\<Tomcat>\work\Catalina\localhost\nps\org\apache\jsp\portal\modules\<plugin_name_dir>`
- ♦ `\<TOMCAT>\webapps\nps\portal\modules\<plugin_name_dir>`
- ♦ `\<TOMCAT>\webapps\nps\WEB-INF\modules\<plugin_name_dir>` (The `MANIFEST.MF` file is present in this directory and must be deleted)
- ♦ `\<TOMCAT>\webapps\nps\WEB-INF\lib\<plugin_jar_file>`
- ♦ `\<TOMCAT>\webapps\nps\WEB-INF\classes\com\novell\nps\modules\<plugin_name_dir>`

You must also delete the `UninstallerData` directory for the plug-in that you want to delete. The `UninstallerData` directory is present in the following path:

NetWare: `SYS:\tomcat\5.0\webapps\nps\UninstallerData\Uninstall_<plugin_name>`

Windows: `C:\Program Files\Novell\Tomcat\webapps\nps\UninstallerData\Uninstall_<plugin_name>`

Linux: `/var/opt/novell/tomcat5/webapps/nps/UninstallerData/Uninstall_<plugin_name>`

4.42 Tomcat Crashes while Creating a Custom Plug-In

On Netware 6.5 SP8, while editing an existing Custom task in plug-in studio or creating a new Custom plug, if you click Preview, tomcat5 crashes and a Service Unavailable message appears.

4.43 NDS Login Hangs during Invalid Login

Nds Login hangs for sometime (10-15 minutes) while trying to login using invalid user authentication such as as o=novell or =novell.

To avoid this issue, you must copy and place the latest NMAS library:

Linux: Place the `libnmasclnt.so` file in the `/var/opt/novell/iManager/nps/WEB-INF/bin/linux` directory.

Windows: Place the `nmas.dll` and `nmasmsg.dll` files in the `/tomcat/webapps/nps/WEB-INF/bin/windows` directory.

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