



Readme for Fix Pack 2.3.0 - TIV-TLCM-FP0003

Note

Before using this information and the product it supports, read the information under “Notices” on page 7.

December 2007

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This edition applies to version 2.3 of IBM Tivoli License Compliance Manager (program number 5724-D33) and to all subsequent releases and modifications until otherwise indicated in new editions. Make sure that you are using the correct edition for the level of the product.

Note: Changes made to this reference manual, other than minor or obvious ones, are indicated in vertical bars to the left of the changes.

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Readme for Fix Pack 2.3.0 - TIV-TLCM-FP0003

Fixes and known issues for Tivoli Licence Compliance Manager 2.3.0 Fix Pack 3 are addressed in this document.

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Description

This readme provides important information about fix pack 2.3.0-TIV-TLCM-FP0003 for IBM® Tivoli License Compliance Manager, version 2.3. It contains the most current information for the fix pack and takes precedence over all other documentation.

Please review this readme thoroughly before installing or using the fix pack!

Note: To install the fix pack, you must be logged on as Administrator (on Windows®) or root (on UNIX®) to the computer where Tivoli License Compliance Manager is installed

Documentation updates can be found on the Tivoli License Compliance Manager Information Center. Sections containing Fix Pack 3 updates will be marked with a Fix Pack 3 identifier graphic.

System requirements

For information about hardware and software compatibility, see Planning a Tivoli License Compliance Manger Implementation in the *IBM Tivoli License Compliance Manager: Planning, Installation, and Configuration* for detailed system requirements.

Installing the fix pack

This section contains the instructions for installing the fix pack. Once you have installed the fix pack, you cannot uninstall it automatically. For details of how to revert to the previous version see “Reverting to the previous version” on page 3

The fix pack includes the following files:

2.3.0-TIV-TLCM-FP0003-servers-*<platform>*.zip

For each supported platform, the compressed file contains the files for installing the fix pack on computers where an administration server, a runtime server, or an administration server database or runtime server database is installed.

2.3.0-TIV-TLCM-FP0003-SPB.zip

This file contains the software package blocks for each supported agent platform, to be used when deploying agents using IBM® Tivoli® Configuration Manager.

2.3.0-TIV-TLCM-FP0003-agent-gateway.zip

This file contains the software packages for each supported agent platform in PKT format.

2.3.0-TIV-TLCM-FP0003-RSH-SSH-<platform>.zip

This contains the files needed to deploy agents on UNIX® platforms using the RSH/SSH deployment wizard.

2.3.0-TIV-TLCM-FP0003-ManualDeploy-<platform>.zip

This contains the files needed to install agents using a local wizard.

2.3.0-TIV-TLCM-FP0003-SPB-TOOLS.zip

This contains the SPBs for agent configuration update that have been updated for APAR IY94123.

The fix pack must be applied to all server and database components of Tivoli License Compliance Manager.

Note:

1. Before starting the installation, back up the administration and runtime server databases and the installation directories of administration server and runtime servers.
2. During the installation of the fix on the administration server or a runtime server, the wizard stops and starts the server. If the server is running in a WebSphere® Application Server secure cell, you will be asked to provide the user ID and password for the secure cell. Ensure that you have this information before you start.

To install the fix pack, complete the following steps on each computer where a component is installed:

1. Log on to the computer where one or more of the Tivoli License Compliance Manager components is installed as Administrator (Windows®) or root (UNIX).
2. Unpack the servers compressed file into a temporary directory.
3. Launch the setup file for the platform on which you are installing the fix pack. The installation wizard starts.

Note: No license agreement panel is displayed. The fix pack is subject to the same terms and conditions under which Tivoli License Compliance Manager is licensed.

4. Specify a directory where the wizard can create a backup of your server configuration and other files that are affected by the fix pack and click **Next**. If the wizard is unable to create the backup, the installation cannot continue. Ensure that you have the correct permissions to write to the specified directory and that there is sufficient space to create the backup.

Note: The wizard calculates the space required to create the backup based on the initial size of a server when it is installed. Under normal circumstances, the space occupied by the server directories should not increase very much. However, if other directories, for example directories required for manual agent deployment, have been created within the server file structure, the space required for the backup could be

considerably more than anticipated. Under these circumstances, it is possible that the installation could fail because of lack of space. If this occurs, a message will be displayed informing you that the installation has failed, possibly because of insufficient permissions. You must then make more space available for the installation.

5. Check the summary panel for the installation and click **Next** to confirm that you want to install the fix pack.

If you are applying the fix pack to a server that is running in a WebSphere Application Server secure cell, you will be prompted to supply a valid user ID and password when the wizard stops and starts the runtime server.

6. When the installation is complete, click **Finish**.

Upgrading agents

To apply the fixes to agents that are already deployed, you must redeploy or update the agent. For information about how to do redeploy an agent see the section **Redeploying an agent** in *IBM Tivoli License Compliance Manager: Planning, Installation, and Configuration*.

For information about updating agents to this fix pack level when they are connected to a runtime server where the fix pack has been applied, see **Configuring a periodic agent self-update** in *IBM Tivoli License Compliance Manager: Planning, Installation, and Configuration*.

Agents are supported only when they are registered to a runtime server with the same, or a higher, Tivoli License Compliance Manager maintenance level.

Reverting to the previous version

There is no automatic method for uninstalling this fix pack.

You must rollback the changes on each computer where the fix pack has been installed, as follows:

1. Stop the server.
2. Manually replace the files that were changed by the installation of the fix pack with the backup copies taken during the installation.

The backup directory specified during the installation of the fix pack contains a subdirectory 2.3.0-TIV-TLCM-FP0003 which contains a subset file structure for the Tivoli License Compliance Manager components to which the fix pack has been applied. You must copy the files manually from each subdirectory of the backup to the corresponding directory of the server installation.

3. If this is the first fix applied to the GA version of the code, delete the file `<INSTALL_DIR>\product.xml`.

If previous fixes have been applied, the product.xml file is one of the files that you have restored from the backup directory.

4. Restart the server.

Product Fixes

Fix packs are cumulative, so this fix pack includes features and fixes included in the previous fix packs and in interim fixes for Tivoli® License Manager, version 2.3. This subsection provides a summary of the functionality and fixes that have been

added to fix pack 2.3.0 TIV-TLCM FP0002. It aims to help users who have installed the previous fix pack, 2.3.0 TIV-TLCM FP0002 to understand what changes they can expect from this fix pack.

The following issues were fixed in this fix pack:

- **IY99063**
Added a check during agent installation that verifies if an agent is already installed on a machine with multiple endpoints in Tivoli Configuration Manager with License Management Extension environment. This resolves the problem where two or more agents were being installed on a single machine.
- **IZ00376**
Added descriptions for parameters "-W agentConfig.sysActProc" and "-W setLang.languageCode" of the agent manual deploy response file to Tivoli Licence Compliance Manager documentation. For more information see: Agent installation response file and Windows logon script configuration file
- **IZ01184**
Added a new flag to the agent configuration file that allows a user to implicitly identify auto file system mount points as either local or remote. This fix is in response to the flag enhancements made to CIT. For more information see: tlmagent
- **IZ02616**
Added memory allocation tests and error logging to resolve the issue where agents behaved unpredictably when memory was low or allocation failures occurred.
- **IZ02629**
Added a new parameter called "CIT_DestinationDirectory" to the agent software package block that allows a user to set the path to a destination directory where CIT binaries will be deployed when using Remote Bulk Distribution. For more information see: Software package parameters for distributed platforms
- **IZ02652**
Resolved the issue where agents caused delays during laptop boot-up by removing IP scanning from the service startup thread of the agent and scheduling it in the command thread instead, just before the first plug-in to the server.
- **IZ02654**
Resolved the situation where signatures of type WinReg were being duplicated in the database. The duplication occurred where the same entry was repeated with both a null value and empty string in the SIG_VALUE column.
- **IZ03735**
Resolved the problem where the wrong platform was displayed during the process of choosing a target platform when registering potential signatures.
- **IZ03876**
Added new scripts for the manual install and uninstall of federations that do not close the command line window during the process. Instead of using the setupfed.bat script the mansetupfed.bat should be used, and relatively instead of uninstallfed.bat - manuninstallfed.bat should be used. This resolves the issue where the console window was closing during federation install or uninstall and leaving the user with no information about the process status.
- **IZ05376**

Changed the way the administration server handles CUSTOM_DATA values stored on the administration database for 2.1 and 2.2 agents and added information to documentation about the overwriting of custom fields. For more information see: tlmagent

- **IZ08074**

Added information to documentation describing how to modify the timeout configuration on WebSphere Application Server 6.x on the runtime and administration servers. For more information see: Client-server communication timeout settings

- **IZ08203**

Modified the command used to start agents to: startsrc -e LD_LIBRARY_PATH=<AGENT_HOME>/gskit/lib -s tlmagent </AGENT_HOME>. This resolves the issue where the global GSKit installation was being used instead of the local one. For more information see: startsrc

- **IZ08636**

Corrected the error in documentation concerning the patches required for the HP 11i v2 platform. For more information see: Supported platforms for servers, databases, and catalog manager

- **IZ09119**

Added information to documentation about the procedure for saving and restoring an agent to a different iSeries node. For more information see: Deployment of i5/OS agents

- **IZ09587**

Removed information in the Tivoli Licence Compliance Manager 2.3 documentation that stated servers running on HP ITANIUM processors.

Known problems

Known problems are documented in the form of individual technotes in the Support knowledge base at <http://www-306.ibm.com/software/sysmgmt/products/support/IBMTivoliLicenseManager.html>. As problems are discovered and resolved, the IBM Support team updates the knowledge base. By searching the knowledge base, you can quickly find workarounds or solutions to problems.

At time of publication, the following installation problems were known:

- Since some fixes introduced by this deliverable require a specific version of IBM Software Catalog to work properly, no Catalog older than December 2007 should be imported after upgrading to Fix Pack 3.
- Due to the error caused by APAR PK45088, shipped in WebSphere Application Server 6.1.0.11 and 6.1.0.13, WASAgent is not able to monitor those versions of the product. To restore it's functionality upgrade WebSphere Application Server to 6.1.0.15.
- In Tivoli Configuration Manager with License Management Extension environment be careful to install "CM Endpoint Extension, Version 4.2.3, fix 4.2.3-TIV-CMEXT-LA0002" on the Gateways and to distribute an Inventory Scan to download the new CM Endpoint Extension executable on the endpoints. This is a prerequisite to take advantage of the fix implemented in IY99063.
- Automatic agent self-update facility is not supported for Windows Vista on x86_64 platforms.
- SPBs for changing agent parameters fail when destination agent is not running.
- In some situations agent uses global GSKit installation instead of local one. It can cause several problems including problems with installation. To prevent this a

workaround should be applied. In order to force agent to use proper GSKit version the environment should have environment variable LD_LIBRARY_PATH (or OS equivalent) set to point "<agent_install_path>/gskit/lib".

- When tracking of unlicensed products, it is possible to enable tracking for selected organizations or for all organizations, but not possible to enable or disable tracking for an individual division. When using the command line interface command *unlicevent -e | -d -division -n <name>*, an error is displayed: CODCL7053E An internal error has occurred

The following workaround is suggested:

- for all organizations use: *unlicevent -e | -d*
- for organization <name> use: *unlicevent -e | -d -organization -n <name>*

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