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Log File Management Tool Deployment and User's Guide

Deployment of the LFMT Indexer

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Deployment of the LFMT Indexer

This section describes how to deploy and configure the LFMT Indexer software.

The LFMT Indexer component which monitors the LFMT CLS repository, indexes the log files as they arrive at the CLS, and compresses the CLS files for storage.

Provisioning the LFMT Indexer(s)

The following directories in the LFMT Indexer distributable contain the LFMT Indexer Templates:

- For Linux:
 - **/LFMT_8.5.10x/LFMTIndexer/8.5.10x.xx/templates**
- For Windows:
 - **\LFMT_8.5.10x\LFMTIndexer\8.5.10x.xx\templates**

Provisioning the LFMT Indexer(s) in GAX

Before installing the LFMT Indexer(s) software you must first create an LFMT Collector Template and Application in CME.

1. Log into GAX, and navigate to **Configuration Manager**.
2. From the *Environment* section, select **Application Templates**.
3. In the *Application Templates* section, select **New**.
4. In the *New Properties* pane, select **Import Application Template**.
5. In the *Import Application Template* dialog, click the **Choose File** file button and navigate to the LFMT Indexer **.apd** template. Select the template, and click the **OK** button to confirm the template import.
6. In the *New Properties* pane, select the **Save** button to save the new application template.
7. Once the Application Template has been imported, navigate to **Configuration Manager**.
8. From the *Environment* section, select **Applications**.
9. In the *Applications* section, select **New**.
10. In the *New Properties* pane, complete the following:
 - a. In the *General* tab, enter a name for the LFMT Indexer application in the **Name** field,.
 - b. Click on the *Template* field and navigate to the application template created above.
 - c. In the *Working Directory* field, enter "." .
 - d. In the *Command Line* field, enter "." .

- e. Click on the **Host** field and navigate to the host where LFMT Indexer will be installed.
- f. In the *Application Options* tab, review and configure the LFMT Indexer options.
- g. In the *Ports* tab, add the following listening ports:
 - i. **default** = **<an open/free port on the LFMT Indexer host>**
- h. Select the **Save** button to save the new application.

Tip

- For more information on the LFMT Indexer configuration options, please refer to the [LFMT Indexer Configuration Options](#) section.

Installing the LFMT Indexer(s)

The following directories in the LFMT Indexer distributable contain the LFMT installation packages:

- For Linux:
 - **/LFMT_8.5.10x/LFMTIndexer/8.5.10x.xx/linux/ip**
- For Windows:
 - **\LFMT_8.5.10x\LFMTIndexer\8.5.10x.xx\windows\ip**

Installing the LFMT Indexer(s) on Linux

1. In the directory to which the LFMT Indexer installation package was copied, execute the **install.sh** script.
2. When prompted, confirm the **hostname** of the computer on which LFMT Indexer is to be installed.
3. When prompted, specify the **host** and **port** to the **Configuration Server** associated with this LFMT Indexer.
4. When prompted, specify the **username** and **password** to access the **Configuration Server**.
5. When prompted, specify the **host** and **port** to the **Backup Configuration Server** associated with this LFMT Indexer.
6. When prompted, select the respective **LFMT Indexer Application** object (i.e. **LFMT_Indexer_Chicago_1**) you configured in “Provisioning the LFMT Indexer” from the list of applications.
7. Enter the **Destination Folder** (i.e. **/home/genesys/gcti/LFMT_Indexer_Chicago_1**) for the LFMT Indexer installation.

Installing the LFMT Indexer(s) on Windows

1. In the directory to which the LFMT Indexer installation package was copied, double-click **setup.exe** to start the installation.
2. On the Welcome screen, click Next.
3. When prompted, specify the **connection parameters** to the Configuration Server associated with this LFMT Indexer and click **Next**.
4. When prompted, select the **LFMT Indexer Application** object you configured in “Provisioning the LFMT Indexer” from the list of applications and click Next.
5. Enter the **Destination Folder** for the LFMT Indexer installation and click Next.
6. (Optional) Enter the **Hostname** and **Port** of the **Backup Configuration Server** associated with this LFMT Indexer and click **Next**.
7. On the **Ready to Install** screen, click **Install**.
8. On the **Installation Complete** screen, click Finish.

Verifying the LFMT Indexer(s) installation

After completing the installation of the LFMT Indexer, its configuration should be verified through the GAX interface.

1. Log into GAX, and navigate to **Configuration Manager**.
2. From the Environment section, select **Applications**.
3. In the **Applications** section, locate and open the LFMT Indexer application.
4. In the **General** tab, verify that the following parameters have been updated by the installation process.
 - **Working Directory:** The LFMT Indexer installation path
 - **Command Line:** `indexer_startup.bat` or `./indexer_startup.sh`
 - **Command Line Arguments:** `-app <LFMT Indexer Application Name> -host <Configuration Server Host> -port <Configuration Server Port> -backuphost <Backup Configuration Server Host> -backupport <Backup Configuration Server Port>`

Important

The **backuphost** and **backupport** options are optional. These options are read from the Command Line Arguments field of the LFMT Indexer object only.

Post LFMT Indexer Configuration

Ensure you configure, these default blank options below, with valid paths, within the LFMT Indexer application(s), before starting the LFMT Indexer application(s):

- **cls_location** - this value does NOT have a default therefore you need to assign a valid path

Please review here <https://docs.genesys.com/Documentation/ST/latest/DeploymentGuide/IndexerOptions> for further details.