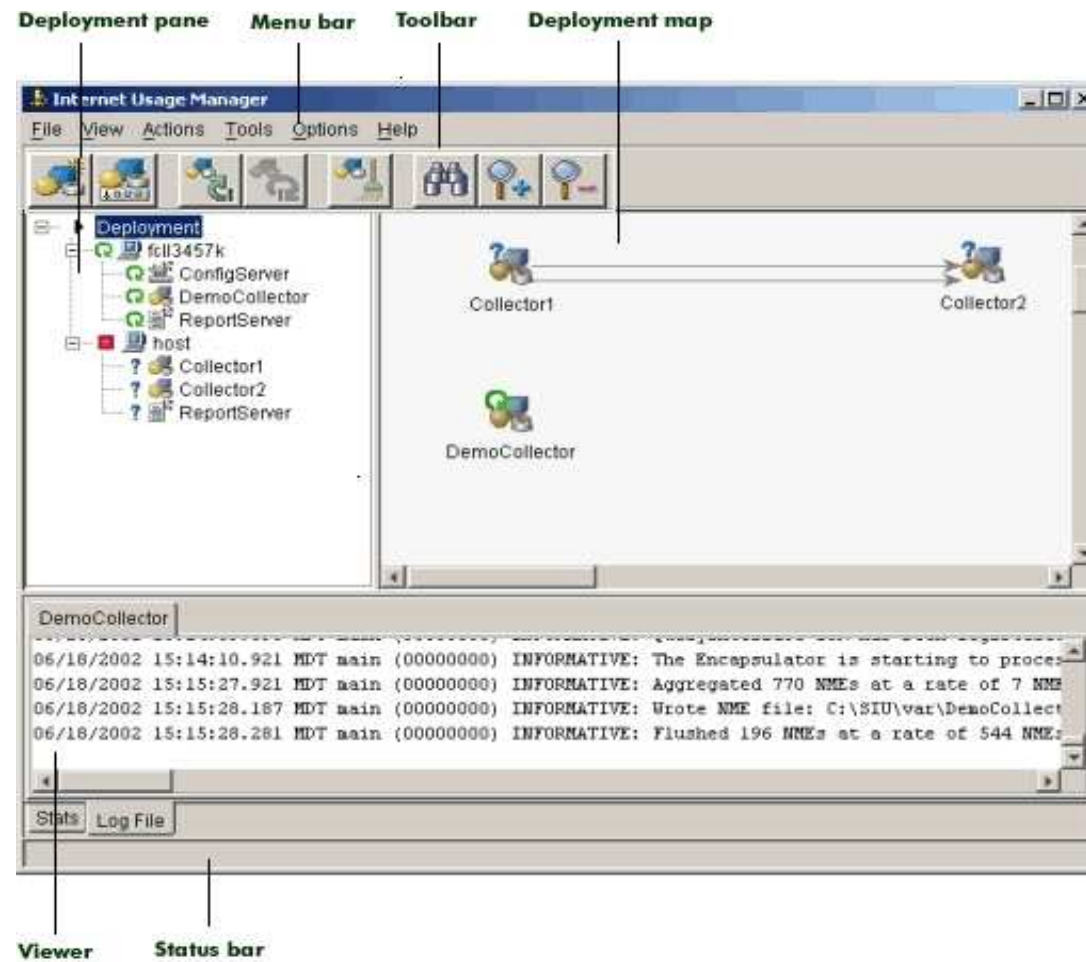# What is the IUM LaunchPad?

- LaunchPad is your multitasking interface to creating and deploying IUM. With LaunchPad you can:
  - create collectors
  - configure collectors
  - configure your deployment
  - manage users and groups with security installed
  - monitor configuration status
  - create reports on usage data

IUM Launchpad

IUM Launchpad

The window has the following elements:

- **Deployment Pane** (Configuration Tree) – This pane shows all the components of your IUM environment in a tree format. By expanding the tree you can view all deployment objects. For example, the deployment, your hosts, and collectors. Icons adjacent to each object indicate their status. You can double click an object to go to an editor or right-click it and then select one of many tasks available for managing the object.

- **Menu bar** - All tasks for configuring and maintaining your deployment are available through menu selections. The menu bar categories are based on the type of tasks you want to perform (for example, Actions or Tools. The items on the drop-downs are dimmed or made available based on the object selected in either the deployment pane or the map.

- **Toolbar** - The toolbar only contains buttons for commonly used tasks. These buttons are active when the appropriate object is selected in either the Deployment pane or map. For example, the first button (from left-to-right) is New Collector.

IUM Launchpad

- **Deployment Map** – The map depicts all collectors in your deployment, their status, and their interconnections. The map has numerous features for viewing information and status. For example, you can view data concerning collectors and their interconnect lines by simply hovering the mouse over the object. You can double click a collector to go to an editor or right-click the collector and then select one of many tasks available for managing the collector.

- **Viewer** – The viewer is opened when Log File or Statistics is selected on the Actions menu. Multiple logs can be added to the viewer. With multiple objects being displayed in the viewer top and bottom tabs are added to allow you to quickly select statistics, logs, etc. for a specific object.

- **Status bar** - The status bar is located at the bottom of the window. This bar provides messages for commands in process. For example, if you where to start a collector the status bar message would state that the "Start Collector" command was initiated for "Collector 1" and that the status is "Starting." Similar messages are provided for all commands.

IUM Launchpad

Toolbar

The toolbar contains buttons for frequently used commands. As you select deferent objects in the deployment (for example, collector or host) different command buttons will become available or will be dimmed.

Selection	Description
	New Collector - This command opens a window that allows you to create a collector using custom or factory templates and to add it to any host in the deployment.
	Edit Collector - The collector configuration is set when the collector is created. This command opens a window that allows you to change the collectors configuration. You can open multiple windows so that you can edit more than one collector at a time. However, you must select and open the window separately for each collector.
	Start Collector - Use this command to start one or more selected collectors. The collector(s) status icon will change from stopped to running within a few seconds. The status bar will display status messages of the commands progress.
	Stop Collector - Use this command to stop one or more selected collectors. The collector(s) status icon will change from running to stopped in a few seconds. The status bar will display status messages of the commands progress.
	Cleanup Collector - While a collector(s) is stopped you can clear all entries from the collector(s) log files and all usage data from the data store. Use this command to free-up disk space or to remove data after testing a collector. Be certain you want to perform this command because once data is cleaned up (deleted) it can not be retrieved. The status bar will display status messages of the commands progress.
	Find - Centers the collector selected in the Deployment pane in the map.
	Zoom In - Repeatedly click this button to zoom in on the deployment view displayed in the map.
	Zoom Out - Repeatedly click this button to zoom out of the deployment view displayed in the map.

IUM Launchpad

Status Icons

The operating state or status of IUM components is represented by icons adjacent to the object icon in the Deployment pane on the left and in the upper left corner of an object in the map.
For example, the unconfigured state for a collector would be shown as follows:

Other object states are as follows:

Icon	Description
	Process is running.
	Process has been stopped (i.e., disabled).
	Process has failed (critical error status).
	State is unknown.
	Start has failed (major error status).
	Depicts that security is installed on this host.

IUM Launchpad

File menu

When Deployment is selected in the left pane of the window all tasks are available, otherwise only the Exit task is available.

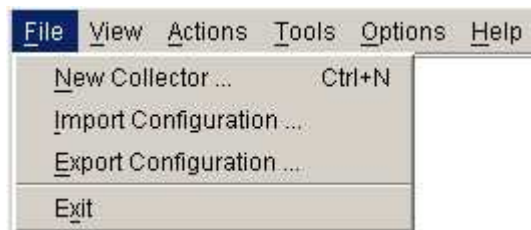| Selection	Description
New Collector	This command opens a window that allows you to create a collector using custom or factory templates.
Import Configuration	This command opens a dialog that allows you to import (load) configuration changes from a local file(s) to the Config Server.
Export Configuration	This command opens a dialog that allows you to export (save) the deployment, host, or collector configuration to a local file or directory.
Exit	Select this command to close the program.

IUM Launchpad

View menu

Use the options on the menu to zoom in or out on the view displayed in the map and to refresh the program window.
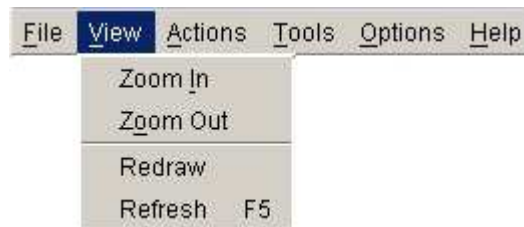
Selection	Description
Zoom In	Select this item to zoom in on the view displayed in the map.
Zoom Out	Select this item to zoom out on the view displayed in the map.
Redraw	
Refresh	When you select the Refresh option the program does not simply redraw the window, it retrieves current configuration information from the ConfigServer and updates the information in both the Deployment pane and the map.

IUM Launchpad

Actions menu

This menu lists commands for the object selected. You must first select one of the deployment objects (i.e., host, collector, etc.). Based on your selection the available commands will vary.

Selectable objects include **Collector, Host, Config Server, Deployment** and **Report Server.**

Collector

Based on the status of the selected collector (stopped or running) the available actions will vary. For example, if you select an active (running) collector, then Start is dimmed and Stop is available.
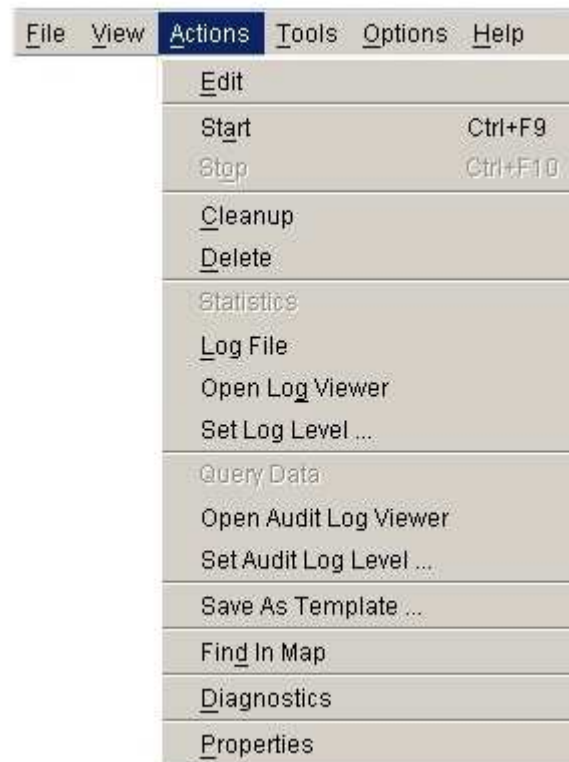
IUM Launchpad

Tools menu

These tools are always available for viewing and configuring your deployment.

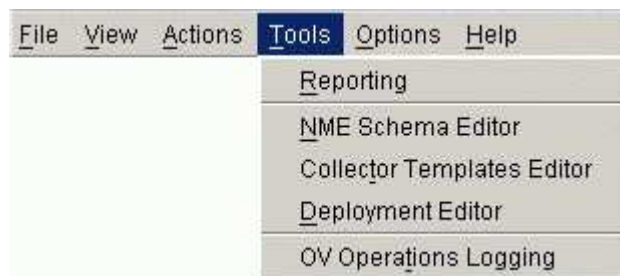| Selection	Description
Reporting	Opens a web based index of all IUM program web based applications. For example, IUM Reporting and IUM Audit Reports. See IUM Reporting for Reporting online help.
NME Schema Editor	Opens a dialog that allows you to edit the fields of the NME.
Collector Templates Editor	This dialog allows you to edit the factory and custom template collector settings using a a search function that finds an attribute value you enter and replaces it with a value you enter. You can also perform inline editing of the tree.
Deployment Editor	Opens a low-level tool for configuring deployment parameters. Exercise care when making changes because this tool does not check that the changes made are valid. Therefore, incorrect parameter changes will not be identified until the configuration is deployed. Refer to other documentation, such as the Collector Component Reference Guide, to ensure correct parameter changes are made.
OV Operations Logging	Opens a dialog that allows you to select the IUM log level types you want to send to the OpenView Operations Management Console and to set the OVO severity level for each message type.

IUM Launchpad

OVO Logging

Log messages for objects in the IUM deployment (for example, collector, host, etc.) are saved in IUM log files. These messages can also be send to the OpenView Operations (OVO) Management Console.
The host match **must be** OVO enabled before it can send messages to the OVO management console. If you setup IUM to send messages and the host is not OVO enabled a message will be logged to the appropriate IUM log file stating the the host is not OVO enabled.
Using this dialog you can select whether to send messages and to set the OVO Severity level for each type of message.
Note An important point to note is that IUM will send up to 20 messages every five minutes. Any messages beyond 20 during this time period (except for CRITICAL messages) **will be dropped** and not sent to OVO. The OVO message browser will receive an alert that messages have been dropped, but they cannot retrieve them once they are dropped.

IUM Launchpad

Options menu

These options allow you to set user access privileges and preferences for LaunchPad.

 Tip The first three options: Change Password, Manage Users, and Manage Groups are only active when IUM Security is installed.

Selection	Description
Change Password	Opens a dialog that allows you to change your password. The new password will take effect the next time you login.
Manage Users	Opens a dialog that when logged in as an administrator you can add, delete, or modify user profiles.
Manage Groups	Opens a dialog that when logged in as an administrator you can add or remove users to Groups which allows for group access privileges.
Preferences	Opens a dialog that allows you to set preferences for refreshing the graphical interface (tree and map) and saving the interface log file.

IUM Launchpad

Setting Preferences

You can set the following preferences:

- **Auto Refresh** – The program automatically refreshes the UI window at an interval you enter. The default setting is every 30 seconds. You can also turn off auto-refresh by checking the "Enable auto-refresh" box.

- **Log File Deletion** – Every time you start the program a new UI log file is created in C:\SIU\var\log on NT and /var/opt/SIU/log on UNIX. Using this option you can delete the file (default) when you exit the program or save it.

    The LaunchPad UI file provides helpful information for troubleshooting UI errors. HP Support may require this file in the event of a UI failure.

Change preferences as follows:

1. On the menu bar, select Options > Preferences.
2. This opens a dialog that displays current preferences.
3. Set or clear the boxes to enable or disable each preference. If you enable auto-refresh be sure to set the refresh interval.
4. Click OK. New preferences take effect after to exit and restart the program.

IUM Launchpad

Managing Collectors

This section describes operations you can perform on working collectors. See Creating Collectors for information on creating, configuring and testing collector and deploying collectors

Once a collector is selected in either the Deployment pane or map, you can perform numerous tasks by:
- right-clicking the collector in the pane or map and selecting a task
- selecting a task from the Actions menu
- selecting an icon on the toolbar.

The following instructions will only describe use of the menu bar.

Starting a Collector
Start a collector as follows:
1. Select a collector in either the deployment pane or map.
2. Select Actions > Start on the menu bar.
3. The status bar displays the status of the start collector request.

Stopping a Collector
Stop a collector as follows:
1. Select a collector in either the deployment pane or map.
2. Select Actions > Stop on the menu bar.
3. The status bar displays the status of the stop collector request

IUM Launchpad

Editing the NME Schemas
- This dialog alphabetically lists the NME Schema by Name that are available for use in NME definitions. Before a schema can be added to an NME definition it must be included in this list.
- Select Tools > NME Schema Editor to open an editor that allows you to edit, add, or delete schemas. Each schema consists of a field Name and Type that includes the path for accessing the schema.

Save as Template Collector
- When you select "Save As Template" from the Actions menu on the menu bar a popup allows you to add a previously created (in deployment) collector as a custom template. Therefore, you will add this as a custom template collector and if desired change its' configuration later.
- Keep in mind, that the name entered for the collector will be used to identify the collector in LaunchPad. See Collector Naming Conventions for naming restrictions.

IUM Launchpad

Exporting the Configuration

You can export (save) a collector's configuration information to a file. This can be used to create other similar collectors or used as a part of a backup procedure.

1. Select a collector in either the deployment pane or map.

2. Select File > Export Configuration on the menu bar.

3. The default is to save only the collector's configuration, which is everything under /deployment/<host>/<collector>/.

To save the collector's configuration in **one file**, select File and a name for the file. The file will be saved in the root directory where IUM is installed. However, you can specify a path where you want the file saved.

To save the collector's configuration in **separate configuration files**, one file for each node one level under the collector (for example, encapsulator configuration, datastore configuration, etc.) select Directory and enter a directory or the path and directory. You can also use the Browse button to select a directory.

4. Click the Ok button.

IUM Launchpad

Importing the Configuration

You can import (load) a collector's configuration information to the deployment. This can be used to load configurations used as backup or to load collector configurations supplied to you.

1. Select a host in the deployment on which you want to load the collector configuration.

2. Select File > Import Configuration on the menu bar.

3. On the Import Configuration select the File radio button, and then Browse to the file you want to import.

4. If this is a

– New collector configuration, select either Merge or Overwrite.

– Backup or revised configuration for an existing collector, select:

Merge to leave the existing configuration values and merge the specified files with the existing configuration. Merge adds new configuration values from the specified files and only overwrites existing configuration values that also appear in the specified file or files

or **Overwrite** to completely remove the existing configuration and overwrite it with the configuration in the specified files.

5. Click the Ok button to complete the import

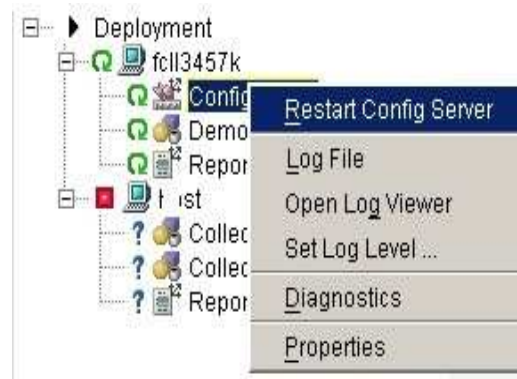**6.** Stop and start the collector to apply the changes.

IUM Launchpad

Deployment Tasks

| Element	Description
Daily Audit Report	Opens a dialog that allows you to select, run, and view audit reports for your deployment.
Diagnostics	Opens a viewer that allows you to view the entire log file for the selected object (for example, host or collector). This file may take a few minutes to display if the file is large.

IUM Launchpad

ConfigServer Tasks

Selection	Description
Restart Config Server	When changes are made to the configuration you must load and apply the new or revised parameters. Select this command to automatically stop and start the Config Server and thereby apply the changes
Log File	Opens a viewer at the bottom of the program window that displays only the latest messages written to the log file.
Open Log Viewer	Opens a viewer that allows you to view the entire log file. This file may take a few minutes to display if the file is large.
Set Log Level	Opens a dialog that allows you to set the level of messages to be logged for the config server.
Diagnostics	This command opens a dialog that allows you to run diagnostics for the config server.
Properties	Opens a dialog that allows you to view and edit the properties for the config server.

IUM Launchpad

ReportServer Tasks
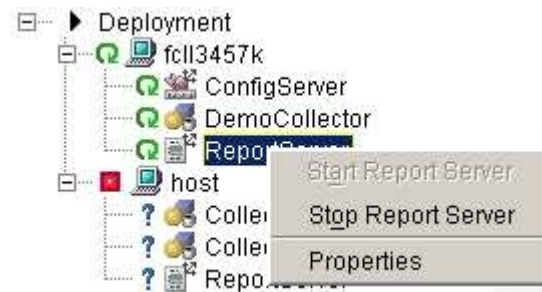
Selection	Description
Start Report Server	Select this command to start the Report Server. The report server's status icon will change from stopped to running within a few seconds. The status bar will display status messages of the commands progress.
Stop Report Server	Select this command to stop the Report Server. The report server's status icon will change from running to stopped within a few seconds. The status bar will display status messages of the commands progress.
Properties	Opens a dialog that allows you to view and edit the properties for the report server.

IUM Launchpad

Collector Tasks

The right-click collector menu lists commands that can be performed for a collector in your deployment. To display the collector menu you must first select a collector and then right-click it. Based on the status of the selected collector (for example, stopped or running) the available commands will vary. For example, if you select an operating (running) collector, then the Start command is dimmed and the Stop command is available.