

# Unit 11: IBM Software Use Reporting

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**Unit 11: IBM Software Use Reporting**

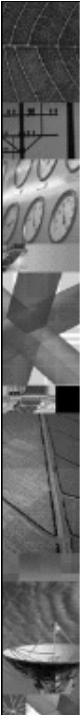
 IBM Software Group

## Introduction

This unit provides instructions for exporting information about software use that you send to IBM.

You may be required by the terms under which you license certain IBM software to generate a report of the use of that software and upload it to an IBM Web site. If this does not apply to you, you may want to skip this unit.

## Objectives

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### Objectives

**Upon completion of this unit, you will be able to:**

- Register the IBM Tivoli License Compliance Manager administration servers with the IBM License management support site.
- Generate the IBM Use report.
- Check the content of the IBM Use report.
- Upload the IBM Use report to the IBM License management support site.

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# Lesson 1: IBM Use Reporting Defined




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## IBM Use Reporting Defined

Everyone who acquires an IBM software offering using a full-capacity or sub-capacity license needs to provide a quarterly report to IBM on their usage. IBM licenses many software products based on the number of processors available on the system where the product runs (capacity-based licensing).

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IBM Tivoli License Compliance Manager *for IBM software* is a special ITLCM package provided free of charge in support of sub-capacity licensing. It can only manage licensing of IBM-designated software. It does this by not including the catalog manager; without the catalog manager only IBM software can be tracked by ITLCM.

Quarterly reports of the collected information are required by IBM and must be produced within nine days after the start of the month following the quarter end.

Sometimes the reported values may differ from actual use. IBM defines a fixed set of reasons for which deductions can be made from the reported values for a license. For example, the switching of a license to a different computer for maintenance or disaster recovery or a short-term increase in capacity caused by an erroneous reconfiguration of the partition in which the license product is installed. When you upload the report to the license management site, you can register deductions against the reported licenses, specifying the value to be deducted, the period to which the deduction applies, and selecting one of the reasons.

## Steps to Reporting Your Software Use



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### Steps to Reporting Your Software Use

There are five steps to reporting your software use to IBM:

1. Register as an IBM user.
2. Register your administration servers.
3. Create the IBM use report.
4. Check the report.
5. Upload the report.

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For more information, go to <http://www.ibm.com/software/passportadvantage> and choose the *Passport Advantage* program page.



# Lesson 3: Registering Administration Servers

## Collecting Information



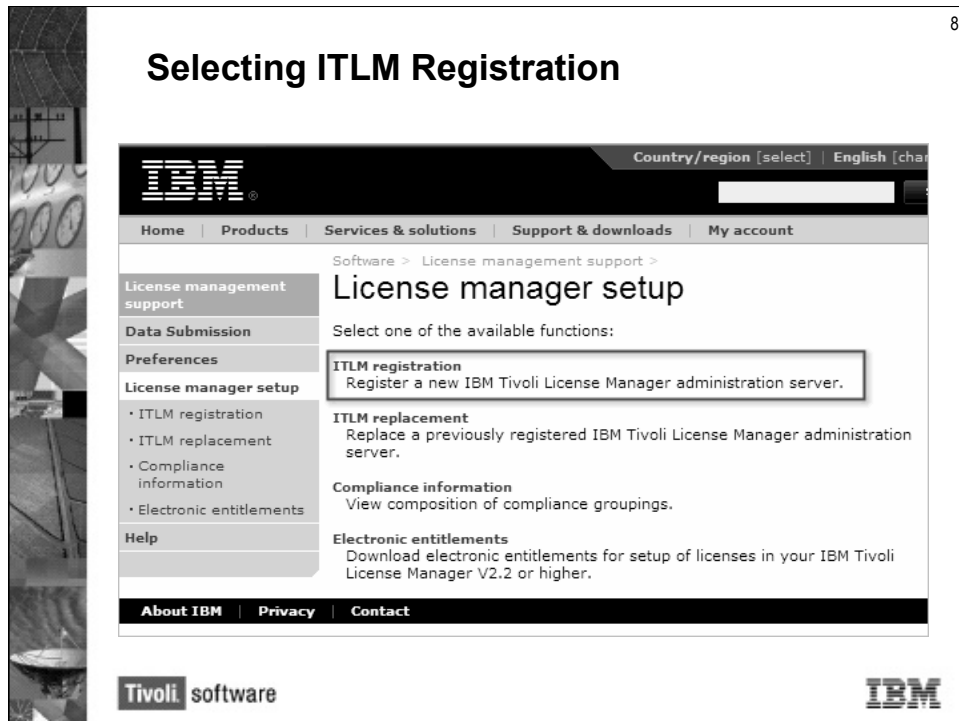
Before submitting your first report, you must register with the site, providing the server ID that is generated by IBM Tivoli License Compliance Manager to uniquely identify each administration server. The ITLCM administration server automatically generates at installation time a unique identifier (UUID) that is shown in the welcome page for the specific organization.

The ID is included in each IBM report, enabling IBM to accurately match your reports to your registration details. When the administration server is used to manage multiple organizations, the License Administrator of each organization needs to register, as there will be a unique server ID for each organization.

Additional information about the registration process can be found at <http://www.ibm.com/software/lms>.



## Selecting ITLM Registration



The screenshot shows the IBM License Manager setup page. The page title is "License manager setup". The main content area lists four options: "ITLM registration" (selected), "ITLM replacement", "Compliance information", and "Electronic entitlements". The "ITLM registration" option is highlighted with a box and includes the description "Register a new IBM Tivoli License Manager administration server." The page also features a navigation menu at the top and a sidebar on the left.

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Then **ITLM registration**.



## Entering Administration Server ID



Finally, enter contact information, the administration server ID, and the Passport Advantage site number where the ITLCM license is registered.

## Lesson 4: Generating IBM Use Information



You may be required by the terms under which you license certain IBM software, to generate a report of use of that software and upload it to an IBM Web site.

Quarterly reports of the collected information are required by IBM and must be produced within nine days after the start of the month following the quarter end and uploaded to the license management site.

The report is generated using the **Export IBM Use** selection of the administration GUI.

This task enables the creation of an XML report containing all the information pertaining to existing IBM software, licensed under the IPLA capacity-based pricing. A stylesheet is provided so that you can view this file in HTML format, so that you can check its content.



## Saving the Report



When the **Export** button is pressed you will be shown a link to the report file. Once saved, the report is ready to be uploaded as a single zip file to the IBM License Management support page on the Web.

The contents of the zip file will be similar to what is shown in the image.



## Lesson 5: Checking the Report



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### Checking the Report

Now that the report has been generated, it should be checked over for any discrepancies. This can be accomplished by opening up the report in a browser. All files in the zip file must be extracted to the same directory in order to view it.

The report is divided in three sections. In addition to these, a fourth section (titled Customer comment) may be present if comments were added to the report.

The report is divided into the following sections:

- Administration Server Data
- Report Summary
- Software Use Data

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# Report Sections – Part 1

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## Report Sections – Part 1

**Administration Server Data**

IBM Tivoli License Manager Version	2.2
Catalog Version	05/01/2002
Report Period Start Time	12/01/2005
Report Period End Time	02/28/2006
Report Generation Time (UTC)	03/01/2006 12:28:01 a.m.
IBM Tivoli License Manager Server ID	1deb283601071000bcc080984e8850001
User	timroot
Organization	IBM

**Report Summary**

Licenses	Compliance Status	
	Quantity	Highest Peak
L1	5	3
L2	10	10
L3	9	10
L4	0	5

**Software Use data**

License	Products		
ID	Product ID	Product Name	Version
051024_USC_1			

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The *Administration Server Data* section provides general information for the report while the *Report Summary* section provides a brief summary of the report contents.

## Report Sections – Part 2

The software use data section provides information about the IBM software products licensed with full-capacity or sub-capacity licenses used during the reporting period.

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### Report Sections – Part 2

The screenshot displays the 'IBM Use Report - Microsoft Internet Explorer' window. It features a 'License' section with fields for ID (051024\_LFC\_3), Name (L3), Type (Usage Fullcapacity), Capacity Type (Processors), and Quantity (9). A 'Products' table lists Product ID, Product Name, and Version. Below is a 'Use Data' table with columns for Date and Value. A callout '4' points to a row where the Value (10) exceeds the available quantity (9).

License		Products		
ID	Name	Product ID	Product Name	Version
051024_LFC_3	L3	41395	P1_IBM *	*
	Type	41464	P3_IBM *	*
	Capacity Type			Processors
	Quantity			9

Date	Value	Date	Value	Date	Value	Date	Value
12/01/2005	0	12/24/2005	0	01/16/2006	0	02/08/2006	0
12/02/2005	0	12/25/2005	0	01/17/2006	0	02/09/2006	0
12/03/2005	0	12/26/2005	0	01/18/2006	0	02/10/2006	0
12/04/2005	0	12/27/2005	0	01/19/2006	0	02/11/2006	0
12/05/2005	0	12/28/2005	0	01/20/2006	0	02/12/2006	0
12/06/2005	0	12/29/2005	0	01/21/2006	0	02/13/2006	0
12/07/2005	0	12/30/2005	0	01/22/2006	0	02/14/2006	0
12/08/2005	0	12/31/2005	0	01/23/2006	0	02/15/2006	10
12/09/2005	0	01/01/2006	0	01/24/2006	0	02/16/2006	0
12/10/2005	0	01/02/2006	0	01/25/2006	0	02/17/2006	0
12/11/2005	0	01/03/2006	0	01/26/2006	0	02/18/2006	0
12/12/2005	0	01/04/2006	0	01/27/2006	0	02/19/2006	0
12/13/2005	0	01/05/2006	0	01/28/2006	0	02/20/2006	0
12/14/2005	0	01/06/2006	0	01/29/2006	0	02/21/2006	0
12/15/2005	10	01/07/2006	0	01/30/2006	0	02/22/2006	0
12/16/2005	0	01/08/2006	0	01/31/2006	0	02/23/2006	0
12/17/2005	0	01/09/2006	0	02/01/2006	0	02/24/2006	0

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1. Procured license information section
2. Associated product list section
3. Available quantity
4. Observed value is exceeding available quantity





## Part 2

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### Uploading the IBM Use Report – Part 2



The screenshot displays the IBM Tivoli License Compliance Manager web interface. At the top, there is a navigation bar with the IBM logo and links for 'Country/region [select]' and 'English [chan]'. Below this is a secondary navigation bar with links for 'Home', 'Products', 'Services & solutions', 'Support & downloads', and 'My account'. The main content area is titled 'Submit your current ITLM data' and includes instructions on how to import software use data reports. A 'Software use data file' input field is present with a 'Browse...' button. Below the input field is a 'Continue' button. The sidebar on the left contains a 'Data Submission' section with links for 'Submit your current SCRT data', 'View your previous SCRT submissions', 'Submit your current ITLM data', and 'View your previous ITLM submissions'. The footer of the page features the 'Tivoli software' logo on the left and the 'IBM' logo on the right.

Use the **Browse...** button to find and select the zip file that was generated earlier.

## Part 3

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### Uploading the IBM Use Report – Part 3

The screenshot displays the IBM License Management Support website interface. The main heading is "View your previous ITLM submissions". Below this, there is a section for "Q4 2005 (2005-10-01 to 2005-12-31)" with a table of submissions. The table has columns for "Administration server", "Report start", "Report end", and "Submitted by".

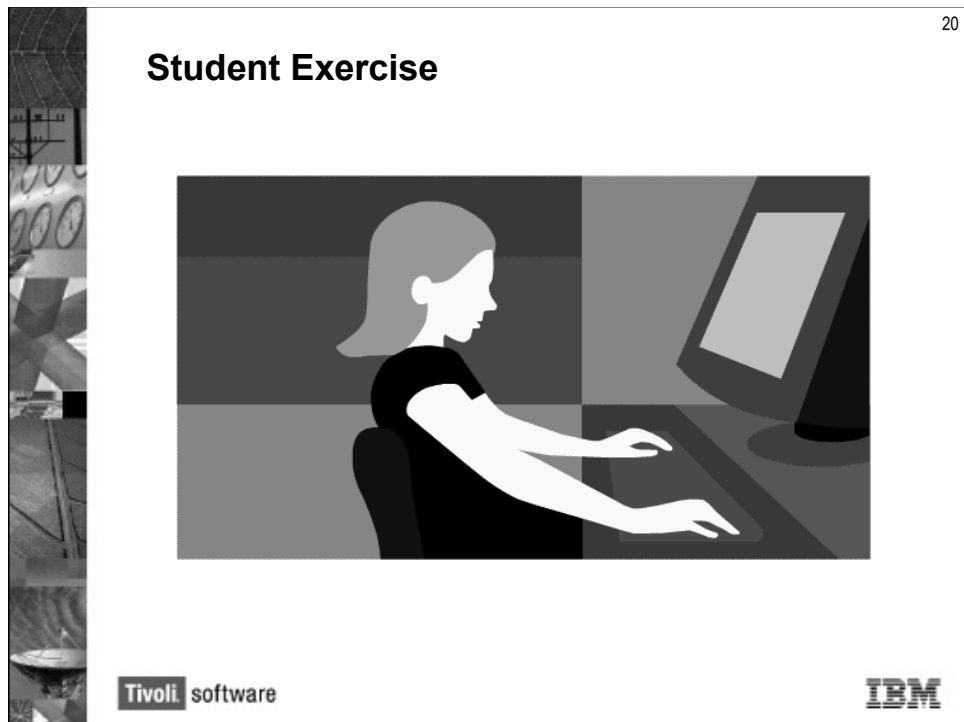
Administration server	Report start	Report end	Submitted by
z.Cora	2005-12-07 13:49:46 UTC	2005-11-01	2005-11-30
z.Cora2	2005-12-07 13:54:45 UTC	2005-11-01	2005-11-30
01_Test_Customer	2006-01-24 16:17:46 UTC	2005-10-01	2005-12-31
01_Test_Customer_X1	2006-01-30 13:39:18 UTC	2005-10-01	2005-12-31

Below the Q4 2005 section, there are sections for "Q3 2005 (2005-07-01 to 2005-09-30)" and "Q2 2005 (2005-04-01 to 2005-06-30)", each with "Show details" and "Hide details" links.

Tivoli software logo is visible at the bottom left, and the IBM logo is at the bottom right.

You can also view your previous ITLCM report submissions.

## Student Exercise



Open your *Student Exercises* book and perform the exercises for this unit.

## Review Questions

1. True or False: Everyone who acquires an IBM software offering using a full-\_\_\_\_\_ or sub-\_\_\_\_\_ license needs to provide a quarterly report to IBM on their usage.
2. Each \_\_\_\_\_ server must be registered separately.

## Review Answers


1. Everyone who acquires an IBM software offering using a full-\_\_\_\_\_ or sub-\_\_\_\_\_ license needs to provide a quarterly report to IBM on their usage.

*Capacity*

2. Each \_\_\_\_\_ server must be registered separately.

*Administration*

# Summary



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## Summary

**You should now be able to:**

- Register the IBM Tivoli License Compliance Manager administration servers with the IBM License management support site.
- Generate the IBM Use report.
- Check the content of the IBM Use report.
- Upload the IBM Use report to the IBM License management support site.

