Infor Enterprise Server Installation Guide

Release 10.7.2

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About this Guide

Objectives

This document describes how to install components using the Infor Enterprise Server Installer.

Document summary

This document contains these chapters:

- Introduction on page 5
  Provides a brief introduction to the Enterprise Server Installer.
- Requirements on page 6
  Lists the platforms that are supported by the Enterprise Server Installer.
- Installing components through the Enterprise Server Installer on page 8
  Explains how you install components using the Enterprise Server Installer.

Note: A number of figures in this document may be based on a previous Enterprise Server release. They can differ slightly from your screens. However, the described functionality is identical.

This document does not describe how to manually install components, how to update an existing installation, and how to uninstall components. For details on topics such as manual installation, see the guides mentioned under Related Documents on page 5.

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Chapter 1: Introduction

You can use the Enterprise Server Installer to install Enterprise Server components such as Infor LN UI and Infor ES Connector for Web Services.

The components are delivered as a set of installable units.

The Enterprise Server installation medium contains these installable units:

- Apache Tomcat
- JBoss Application Server
- Infor ES Web UI
- Infor LN UI
- Infor ES Connector for Web Services
- Infor LN ODBC Driver

Web UI, LN UI, and Connector for Web Services cannot run without a web server such as Tomcat or JBoss.

Related Documents

- *Infor Enterprise Server Web UI - Installation and Configuration Guide*
- *Infor LN UI Administration Guide*
- *Infor Enterprise Server Connector for Web Services - Administration and User Guide*
- *Infor LN ODBC Driver Administration Guide*
- *Infor LN - Installation Guide*

Chapter 2: Requirements

This chapter lists the platforms that are supported by the Enterprise Server Installer.

Platform support for the Enterprise Server Installer

This table shows the supported platforms by Installable Unit:

	AIX	HP_Itanium	Linux_x64	Solaris_Sparc	Windows_x64
Infor ES Connector for Web Services	Yes	Yes	Yes	Yes	Yes
Infor LN UI	No	No	Yes	No	Yes
Apache Tomcat 7.0.55	Yes	Yes	Yes	Yes	Yes
JBoss Application Server	No	No	Yes	No	Yes
Infor ES Web UI	Yes	Yes	Yes	Yes	Yes
Infor LN ODBC Driver	No	No	No	No	Yes
Bundled_JRE	No	No	Yes	No	Yes

*Use Infor Installation Wizard

For supported platform versions, see the documentation of each Installable Unit. If an Installable Unit is not supported on the current platform, it is not displayed in the Installer.

JRE

Before you start the installer on one of the following platforms, ensure the corresponding Java Runtime Environment (Server JRE or JDK) is installed:

- AIX
- HP_Itanium

For the following platforms, the software comes with a bundled JRE:

- Solaris_SPARC
- Linux (Intel 64 bits)
- Windows (x64)

If you use the installer on one of these platforms, the corresponding Server JRE can be installed automatically.

During installation you may choose a different JRE/JDK. If you start the installation from the `NoVM` directory, ensure a Server JRE (or JDK) version 1.8 or later is installed. The `NoVM` directory is located in the `InstallableUnits` folder on the installation medium; for example: `InstallableUnits\Installer\Windows_x64\NoVM`.

If you install using the bundled JRE, additional software is required on your system:

- If you install on a Unix system, ensure `gunzip` is available.
- If you install on Linux, ensure that you installed `libXtst.so.6`. If Oracle is installed, `libXtst.so.6` may already be available in the Oracle installation folder.

See also the `installationinstructions.txt` file in the root of your Staging Area (Installation_Area).

Prerequisites for the components

Each component has its own prerequisites. This table shows where you can find details on these prerequisites:

Component	For details, see
Infor LN UI	*Infor LN UI Administration Guide*
Infor ES Web UI	*Infor Enterprise Server Web UI - Installation and Configuration Guide*
Infor ES Connector for Web Services	*Infor Enterprise Server Connector for Web Services - Administration and User Guide*
Infor LN ODBC Driver	*Infor LN ODBC Driver Administration Guide*

Chapter 3: Installing components through the Enterprise Server Installer

This section describes how to install components through the Enterprise Server Installer.

You can also manually install the features.

For details, see the guides mentioned under Related Documents on page 5.

Note: You cannot mix up both installation methods because the update and uninstall will not work fine anymore. We strongly recommend that you use the Enterprise Server Installer.

Points of attention

When you use the Enterprise Server Installer, note the following:

- The installer uses only Tomcat 8.0.21 as web server or JBoss Application Server 6.3.0.

  If you select Tomcat, the installer installs and configures a Tomcat web server for you.

  If you select JBoss, you must complete these steps:

  1. Navigate to http://jbossas.jboss.org/downloads.html.
  2. Download and install JBoss 6.3.0 (eap).
  3. In the `bin` folder, run `add-user` to be able to logon to the JBoss console.

     The Enterprise Server Installer configures JBoss for the selected features.

- The installer can be installed only on a UNIX/Linux or Windows OS.

  See Platform support for the Enterprise Server Installer on page 6.

- Using the installer, usually only one Web UI version can be active on the web server. When installing in the same directory as before, an update is done. When installing in a new destination directory, you must use different ports for the second Tomcat or JBoss. In case of running as Windows Service, you must also change the service name and description for tomcat. These are used in the batch files InstallTomcatService, StartService, StopService, and UninstallService. Then start LN UI or Connector for Web Services with the new HTTP port, for example: `http://localhost:8313/c4ws`.

  If you do a fresh install of LN UI in a folder that still contains configuration files of a previous Web UI/LN UI installation, note the following:

  - The installation process renames the existing `WebtopProperties.xml` file in the `<installation folder>\Webtop\config` folder to `WebtopProperties.xml<date/time>`.

- To use the settings in the old `WebtopProperties.xml<date/time>` file, copy it to `Webtop Properties.xml`.

You can also copy this file from the backup directory.

New installation

The installer is delivered with a full version of the Enterprise Server medium, and contains setup programs for various platforms. The Enterprise Server medium contains two startup programs:

- `Install.bat` for Windows platforms
- `Install.sh` for Unix platforms

These startup programs automatically start the appropriate setup program for the operating system of the server.

Next to the startup programs is a folder called `InstallableUnits`. This folder contains subfolders that contain the setup programs for various platforms, and the installable units as defined in chapter 1.

You can either copy the contents of the media to your system and then run the installer or you can run the installer directly from the media. Before you overwrite an existing Installation_Area, you must remove its content first.

Some features exclude each other, such as Web UI versus LN UI and Tomcat versus JBoss.

Updates

There are different situations while updating the features:

- The version and build of the installer differ from the installed one.
- The version and build of the feature differ from the installed one.
- The Installable Unit build differs from the installed one.

This information is written in the `InstallableUnit.info` file for each feature. When you start the installer, this information is displayed in the **Welcome** page.

Download instructions to update your features are available on the FTP site. See `Downloading ES components.pdf` in the `ESE` folder of the ftp site.

If a feature is installed with Tomcat, the update of the feature always uses Tomcat. If a feature is installed with JBoss, the update of the feature always uses JBoss. We recommend that you use only one web server in one destination. If you really want to use two different web servers, you can install LN UI with Tomcat in one run and then, in a second run, install Connector for Web Services and JBoss in the same destination.

The version and build of the installer differ from the installed one

If a newer version of the installer is delivered, especially if the new installer has a different interface, we recommend that you replace the Installation_Area. To find out the interface version of the installer, view the installer's **Welcome** panel or read the `properties.txt` file in the installer's root folder.

The Enterprise Server Installer checks whether a previous version was installed before. If a previous version is found, the installer checks whether this version has the same interface as the version to be installed. These situations can occur:

- The previous version has an older interface or no interface version.

  You must also update all InstallableUnits that were installed before. If an installableUnit, which is currently not in the Installation_Area, was installed, you must remove this installableUnit first.
- The previous version has a higher interface.

  The installation is aborted with a message that a newer version of the installer is required.
- The previous version has the same interface.
- You can normally update the InstallableUnits.

The version and build of the feature differ from the installed one

You cannot update a newer feature with an old one.

The LN UI and Connector for Web Services versions are packaged in WAR files (Web archives). If you copied the contents of the media to your system, you can later overwrite a .war file with another 10.4.x version and then run the installer again; this way, you can easily update your components. However if a newer InstallableUnit is needed for this war file, the installation may fail. Better is to always download the latest InstallableUnit from the FTP site and add or replace it in your Installation Area.

Note: If you copy a .war file to your system, you must also copy the corresponding InstallableUnit.info file. This file contains information on the version and dependencies of the UI.

The Installable Unit build differs from the installed one

You cannot update a newer InstallableUnit with an old one.

Note: The InstallableUnit contains the feature, but adds several installation files to it. These extra installation files can also change. Therefore the IU also needs a build number.

To update an InstallableUnit, such as Web UI, that has a dependency, such as Tomcat, you may also have to update the dependency. If the dependency is not available, or does not have the right version and build, you cannot update the InstallableUnit.

Installation procedure

To perform an automated installation:

1. Check the system prerequisites.

   For Windows: Ensure you have administrative rights on your computer by logging in as a member of the Administrators group.

   For UNIX/Linux: Ensure you have administrative rights on your computer by logging in as root. Also ensure you are working in a graphical environment (X Window System). The preferred method is to launch the (un)installer from a command shell in an xterm window.

2. Optional: copy the installer to your system.

   Copy the contents of the media to a folder on your system.

3. Start the setup program.

   Complete these steps:

   a. Read the `installationinstructions.txt` file in the Installation_Area main directory. This file explains how to start the installer for various platforms and how to set the initial and maximum heap space for Tomcat.

   b. Start the appropriate installer for your platform.

4. Perform the installation.

   The installer consists of various pages. Specify the required information and start the installation process. For details, see the installer's online Help.

   When the installation is finished, the installer is automatically closed.

   If you installed Infor Ming.leTM, follow the instructions in the *Infor Ming.le Installation and Configuration Guide for Active Directory Federation Services*.

Note: After the installation, you can configure the components. For details, see the guides mentioned under Related Documents on page 5.

If no Java environment is installed on the LN UI server, when you start LN UI, you are prompted to install Java.