Oracle Enterprise Taxation and Policy Management

Quick Install Guide

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Oracle Enterprise Taxation and Policy Management Quick Install Guide

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Preface

This guide provides an overview of installing Oracle Enterprise Taxation and Policy Management.

This preface contains these topics:

- **Audience**
- **Related Documents**
- **Conventions**

Audience

Oracle Enterprise Taxation and Policy Management Quick Install Guide is intended for anyone interested in the process of installing Oracle Enterprise Taxation and Policy Management.

Related Documents

For more information, see these Oracle documents:

- *Oracle Enterprise Taxation and Policy Management Installation Guide*
- *Oracle Enterprise Taxation and Policy Management Database Administrator's Guide*

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Chapter 1

Oracle Enterprise Taxation and Policy Management Installation Overview

This section provides a high-level overview of the installation steps for Oracle Enterprise Taxation and Policy Management v2.3.1 and selected additional software. For more information, see *Oracle Enterprise Taxation and Policy Management Installation Guide*.

Please visit My Oracle Support (http://support.oracle.com) for the most recent service packs and/or patches for this release to ensure you have the most current version of this product.

Refer to Oracle Bug 13459468 for any updates to this document.

Refer to Oracle Bug 13459485 for updates to Oracle Documaker components.

Oracle Enterprise Taxation and Policy Management Media Pack Contents

The Oracle Enterprise Taxation and Policy Management Media Pack consists of the following packages:

- Oracle Enterprise Taxation and Policy Management v2.3.1 Release Notes
- Oracle Enterprise Taxation and Policy Management v2.3.1 Quick Install Guide
- Oracle Enterprise Taxation and Policy Management v2.3.1 DBA Guide
- Oracle Enterprise Taxation and Policy Management v2.3.1 Install Documentation
- Oracle Enterprise Taxation and Policy Management v2.3.1 User Documentation
- Oracle Utilities Application Framework v4.1.0 (Base Install) for Oracle Enterprise Taxation and Policy Management v2.3.1 (Multiplatform)
    - Oracle Utilities Application Framework v4.1.0 Group Fix 1 for Oracle Enterprise Taxation and Policy Management v2.3.1 (Multiplatform)
    - Oracle Utilities Application Framework v4.1.0 Group Fix 2 for Oracle Enterprise Taxation and Policy Management v2.3.1 (Multiplatform)
- Oracle Utilities Application Framework v4.1.0 Single Fix Prerequisite Rollup for Oracle Enterprise Taxation and Policy Management v2.3.1 (Multiplatform)
- Oracle Enterprise Taxation and Policy Management v2.3.1 (platform specific)
- Oracle Enterprise Taxation and Policy Management v2.3.1 Oracle Database
- Oracle Policy Automation for Java v10.1.0.27.0
- Oracle Documaker Template for Oracle Enterprise Taxation and Policy Management v2.3.1 (Multiplatform)
- Oracle Policy Modeling v10.1.0.27.0 for Microsoft Windows (32-bit)
- <OS Platform> Micro Focus Server 5.1 with WrapPack 6 Install (UNIX platform only)
- <OS Platform> Micro Focus Server Express 5.1 with WrapPack 6 Install (UNIX platform only)
- Micro Focus Net Express 5.1 WrapPack 6 Update (Windows platform only)
- Windows Base Micro Focus 5.1 Install (Windows platform only)
- Windows Micro Focus Server 5.1 WrapPack 6 Update Install (Windows platform only)

Components for Oracle Enterprise Taxation and Policy Management

The system includes the following components:

- All application processes and HTML/JSP pages that make up the user interface
- This quick install guide, which describes the installation/upgrade process
- The latest user documentation
- Release Notes describing functional changes for this version
- Database installation
- Data Dictionary
- System Table Guide
- XAI Client Software

Network Environment Overview

The application is split into multiple tiers:

Tier 1: Browser-Based Client

The central facility in the Oracle Enterprise Taxation and Policy Management browser-based client is Internet Explorer.

Operating System: Windows XP

The following Operating System / Web Browser software is supported:

- Windows XP SP3 or higher with Internet Explorer 7.x or 8.x, or Mozilla Firefox 3.6.13
- Windows 7 or higher with Internet Explorer 7.x or 8.x, or Mozilla Firefox 3.6.13

Tier 2: Web Application Server

Oracle Enterprise Taxation and Policy Management supports the following web application servers:

- Oracle WebLogic 11gR1 (10.3.3)
- IBM WebSphere Basic 7.0.0.17 or 7.0.0.19
- IBM WebSphere ND 7.0.0.17 or 7.0.0.19

Tier 3: Database Server

Oracle Enterprise Taxation and Policy Management supports the following databases:

- Oracle11gR2 (11.2.0.1)

Certified and Supported Platforms

The installation has been certified to operate on many operating system, application server, and database server combinations. For the software requirements for each of these combinations, see the Oracle Enterprise Taxation and Policy Management *Installation Guide*.

The following table details the browser, operating system and application server combinations on which Oracle Enterprise Taxation and Policy Management v2.3.1 has been tested and certified.

Browser	Operating System (Client)	Operating System (Server)	Chipset	Application Server	Database
IE 7.x IE 8.x Mozilla Firefox 3.6.13	Windows XP SP3 Windows 7	AIX 6.1 (64-bit)	Power 64-bit	WebLogic 10.3.3 WebSphere Basic 7.0.0.17 or 7.0.0.19 WebSphere ND 7.0.0.17 or 7.0.0.19	Oracle 11.2.0.1
		Oracle Linux 5.5 (64-bit) Red Hat Enterprise Linux 5.5 (64-bit)	x86_64	WebLogic 10.3.3	Oracle 11.2.0.1
		Sun Solaris 10 Update 8 (64-bit)	SPARC	WebLogic 10.3.3	Oracle 11.2.0.1
		Windows 2008 Server SP2 (64-bit)	x86_64	WebLogic 10.3.3	Oracle 11.2.0.1
		Windows Development Work station (32-bit) (No Production Support)	x86	WebLogic 10.3.3	Oracle 11.2.0.1

Note: In addition to the above certified server platforms, a 32-bit Windows version of Oracle Enterprise Taxation and Policy Management v2.3.1 is available for implementation customizations using the Software Development Kit.

Oracle Database Servers

Oracle Enterprise Taxation and Policy Management v2.3.1 is supported with Oracle Database Server 11.2.0.1 on any of the operating systems listed above.

The Oracle 11.2.0.1 client is required for this version of the database server.

The following Oracle Database Server Editions are supported:

- Oracle Database Server Standard Edition
- Oracle Database Server Enterprise Edition

Oracle WebLogic Server Information

The following Oracle WebLogic Server Editions are supported:

- Oracle WebLogic Server Standard Edition
- Oracle WebLogic Server Enterprise Edition

COBOL Download Requirements by Platform

The following are for Unix/Linux platforms:

- Micro Focus Server 5.1 WrapPack 6
- Micro Focus Server Express 5.1 WrapPack 6

The following are for Windows platforms (32-bit and 64-bit):

- Micro Focus Server 5.1 Base Install
- Micro Focus Server 5.1 WrapPack 6 Update
- Micro Focus Net Express 5.1 WrapPack 6

Installing Oracle Enterprise Taxation and Policy Management

For additional information on installing Oracle Enterprise Taxation and Policy Management, see the *Oracle Enterprise Taxation and Policy Management Installation Guide*.

To install Oracle Enterprise Taxation and Policy Management v2.3.1**:**

1. Install all required third-party software.
2. Install database. See *Oracle Enterprise Taxation and Policy Management Database Administrator's Guide* for complete details.
3. Install Oracle Utilities Application Framework V4.1.0 (Application server only).
4. Install Oracle Utilities Application Framework V4.1.0 Group Fix 1 (Application server only).
5. Install Oracle Utilities Application Framework V4.1.0 Group Fix 2 (Application server only).
6. Install Oracle Utilities Application Framework V4.1.0 Single Fix Prerequisite Rollup
7. Install Oracle Enterprise Taxation and Policy Management v2.3.1 (Application server only).
8. Optional: Generate Application Viewer items (this includes the Data Dictionary).

Oracle VM Support

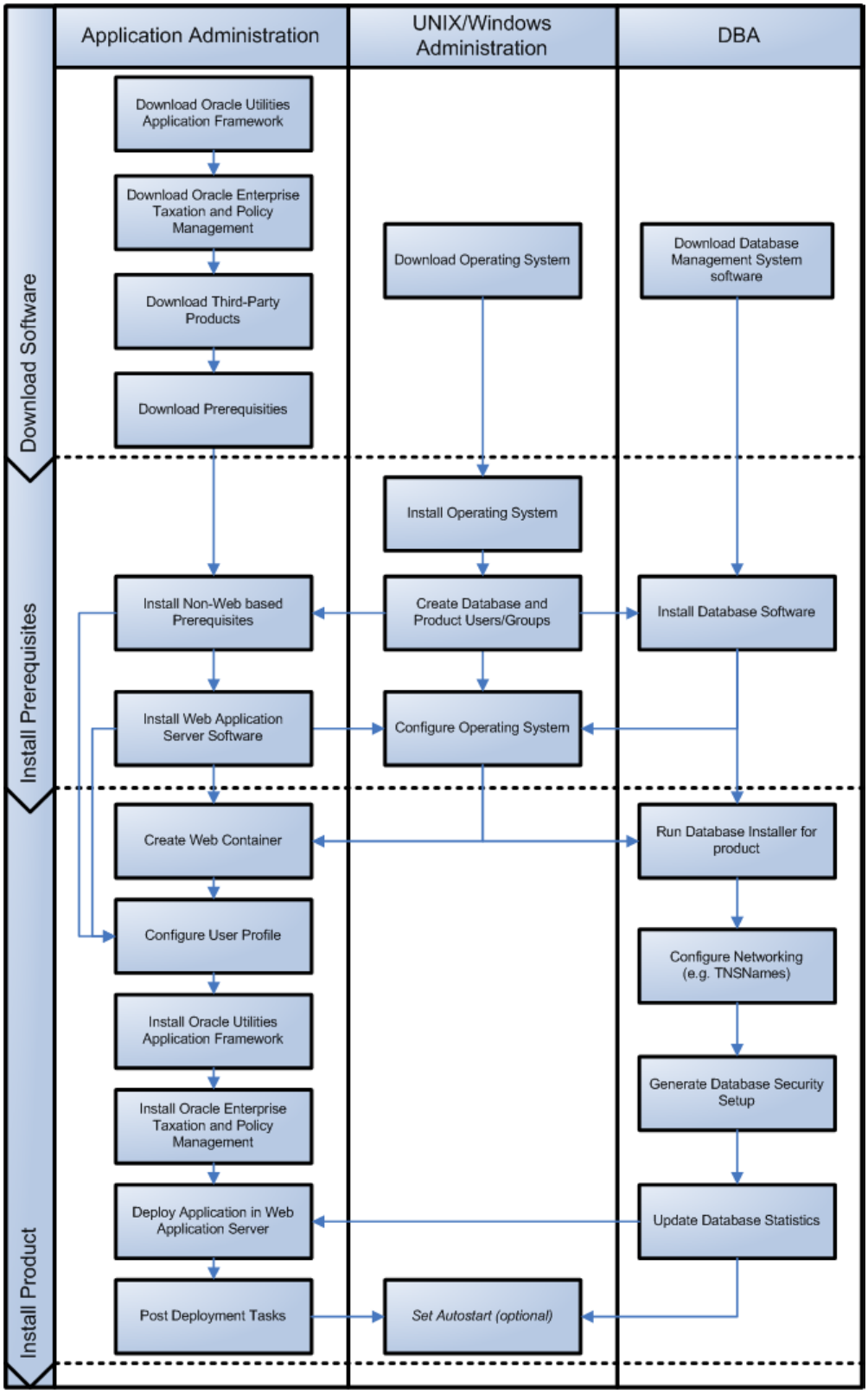
Oracle Enterprise Taxation and Policy Management v2.3.1 is supported on Oracle VM 2.2.1 for supported releases of Oracle Linux and Microsoft Windows operating systems.

Oracle Support Policy Regarding VMware

Please refer to My Oracle Support knowledge base article 249212.1 for Oracle's support policy regarding VMWare.

Installation and Configuration Overview

The following diagram provides an overview of the steps that need to be taken to install and configure Oracle Enterprise Taxation and Policy Management:



Additional Information for Installing Other Software

Please read this section and follow directions if you purchased a license from Oracle for any of the following products:

- Oracle WebLogic 11gR1 (10.3.3)
- Micro Focus

Oracle WebLogic 11gR1 (10.3.3)

Customers must download Oracle WebLogic Server from the Oracle Software Delivery Cloud web site. The version of Oracle WebLogic Server is listed in the Oracle Enterprise Taxation and Policy Management v2.3.1 Supported Platforms Summary section.

> **Note:** If you install a temporary license for Oracle WebLogic, please note that this license is limited to 5 non-current users. You will need to install the full license.

Install the Oracle WebLogic license

To apply a full license you will need to complete the following steps:

1. The license keys for Oracle WebLogic products are located at - http://licensecodes.oracle.com/bea.html
2. The following products are supported: Oracle WebLogic Server Standard Edition and Oracle WebLogic Server Enterprise Edition.
3. At the time of release of this document the license key on the web site for Oracle WebLogic Server Standard Edition is BEA WebLogic Server Advantage Edition. The license key for Oracle WebLogic Server Enterprise Edition on the web site is BEA WebLogic Server Premium Edition.
4. Shut down the Oracle Enterprise Taxation and Policy Management application server.
5. Follow the instructions from the Oracle WebLogic installation document to install the license key.
6. Start the Oracle Enterprise Taxation and Policy Management application server.

Micro Focus

Oracle Enterprise Taxation and Policy Management supports the following Micro Focus products:

Micro Focus Server (for UNIX or Windows) (Required). This is the runtime and licensing engine that allows the product's COBOL programs to run in a production environment. A 30-day temporary license is included with your Oracle Enterprise Taxation and Policy Management license fee.

Micro Focus Server Express (for UNIX) (Optional). This software is used to compile COBOL programs for deployment in a UNIX environment. This license is required if you will be developing your own COBOL programs.

Micro Focus Net Express (for Windows) (Optional). This software is used to compile COBOL programs for deployment in the Windows environment. This license is required if you will be developing your own COBOL programs.

Both Net Express and Server Express include a COBOL compiler and a COBOL run-time.

If you are developing using Java only, Micro Focus Server Express and Micro Focus Net Express are not required.

Note: This product installation does not automatically install permanent licenses. Permanent licenses for Micro Focus Application Server should be acquired through Oracle.

Caution: If you are installing both Micro Focus Server and Micro Focus Server Express on the same UNIX machine, you must install Micro Focus Server first.

Micro Focus Server Wrap Pack 4 and Micro Focus Server Wrap Pack 6 can run concurrently on the same machine. For further information please refer to the Micro Focus web site at http://supportline.microfocus.com

UNIX Micro Focus Server

Micro Focus Server is the runtime and licensing engine that allows the COBOL programs to run in a production environment. Micro Focus Server is a required prerequisite to installing any Oracle Enterprise Taxation and Policy Management application.

Note: Install Micro Focus Server before you install Server Express. Server Express is an optional additional component used for the development and deployment of COBOL applications only.

Installing UNIX Micro Focus Server Software

Caution: This software MUST be installed into /opt/SPLcobAS51WP6 on UNIX systems.

To install the UNIX version of the Micro Focus server, complete the following steps:

1. For Linux/Unix Servers: Download and extract the software in the Micro Focus Server 5.1 WrapPack 6 package from http://edelivery.oracle.com.
2. If the file you downloaded from the Oracle Software Delivery Cloud is compressed, uncompress it into a temporary directory so that you are left with a .tar file.

   In this example we are using the file /tmp/SX51_WP6_redhat_x86_64_server.tar.Z.

   ```
   uncompress /tmp/SX51_WP6_redhat_x86_64_server.tar.Z
   ```

3. Create a directory to contain the COBOL executables: mkdir /opt/SPLcobAS51WP6.
4. Extract the tar file into /opt/SPLcobAS51WP6:

   ```
   cd /opt/SPLcobAS51WP;
   tar -xvf /tmp SX51_WP6_redhat_x86_64_server.tar
   ```

5. Start the installation program:

   ```
   COBDIR=/opt/SPLcobAS51WP6;
   export COBDIR
   cd $COBDIR
   ./install
   ```

6. Enter the following responses to the installation questions:
   - Do you want to make use of COBOL and Java working together? (y/n): y
   - Which of these versions of Java do you want to be the default?: 1.6.0 64-bit
   - Please enter either 32 or 64 to set the system default mode: 64
   - Do you wish to configure Enterprise Server now? (y/n): n

Installing UNIX Micro Focus Server Temporary Licenses

Temporary license codes provided in the media pack will expire in 30 days. During this time you have to request a full license. If the temporary license is not converted within the 30-day temporary license period the system will stop functioning.

To install these license keys:

1. Log onto the target host server as 'root' user.
2. At the command prompt, execute the command:

```
export COBDIR=/opt/SPLcobAS51WP6
/opt/SPLcobAS51WP6/aslmf/apptrack
```

3. When prompted for a password, create one of your own.
4. Select the License Install option to install the temporary license keys.

   Serial Number: ORACLE_UTS30DAY32

   License Code: 04038 10780 64AAF 5F705 7CD9 ILA

   FOR AIX PLATFORMS, an additional license is required. Install the following license keys:

   Serial Number: ORACLE_UTS30DAY64

   License Code: 04038 A0780 64AAF F2601 3788 ILA

Acquiring Permanent Micro Focus Licenses

To request a permanent license, contact licensecodes_ww@oracle.com with the following information:

- Your Company Name
- Your Customer Number
- CSI Number (if available) or a copy of your contract including attachment 1.
- The OS Platform and Version that you will be running on
- Full name of Product to be licensed: Micro Focus Server - UNIX

The turnaround time for getting license codes is 48 hours.

Installing UNIX Micro Focus Server Permanent Licenses

Oracle licensing (licensecodes_ww@oracle.com) will provide you a tar file named MFServerPermLicense.tar. Place this tar file on your UNIX server and extract the contents to a new directory. This directory will contain a readme.txt file with instructions on how to complete the license code installation.

Windows Micro Focus Server

Micro Focus Server is the runtime and licensing engine that allows the COBOL programs to run in a production environment. Micro Focus Server is a required prerequisite to installing any Oracle Enterprise Taxation and Policy Management application.

> **Note:** Windows Micro Focus Server cannot be installed on the same machine as Micro Focus Net Express. You must have either one or the other per machine, but not both.

Installing Windows Micro Focus Server Software

1. Download the Micro Focus Server 5.1 package from the Oracle Software Delivery Cloud and extract the software in the Micro Focus Server 5.1 package.
2. In the top directory of the extracted package run the executable setup.exe.
3. Select Install Micro Focus Server for COBOL Deployment on Windows.
4. On the Customer Information dialog box you don't need to enter a Serial Number or WO number.
5. On the License Information dialog box use:

Serial Number: ORACLE_UTS30DAYNX

License Number: 01280 10780 64AA2 1710A 0A83 ILA

This will install a 30 day TEMPORARY LICENSE

6. On the Custom Setup dialog box install the following components: INSTALL Windows Unmanaged Run-time System Support

   Do not install Enterprise Server

   Do not install Support for Microsoft .NET

Install Windows Micro Focus Required Patches

For Windows installs you will need to install the relevant COBOL patch.

This patch is provided in the Micro Focus 5.1 patches for Oracle Enterprise Taxation and Policy Management package available from http://edelivery.oracle.com.

The package contains a Micro Focus Server\Windows Server subdirectory that contains an .msp file. This file needs to be executed on the Windows machine.

Read the supplied readme.txt file in the same directory of the patch for separate install instructions for this patch. You do not need to provide a license number if asked.

Temporary License Codes

Temporary license codes provided are active for up to 30 days while you request a full license. If the temporary license is not converted within the 30-day temporary license period, you cannot run COBOL programs.

The temporary license codes would have been installed in the above section "Installing Windows Micro Focus Server software".

Acquiring Permanent Licenses

To request a permanent license, contact licensecodes_ww@oracle.com with the following information:

- Company Name
- Customer Number
- CSI Number (if available) or a copy of your contract including attachment 1.
- OS Platform and Version
- Full name of Product to be licensed: Micro Focus Server - Windows

The turnaround time for getting license codes is 48 hours.

Install Windows Micro Focus Server Permanent Licenses

Oracle licensing will email you a license key. This license key will be a plain text key that contains a Serial Number and a License Number component.

To install the license key:

1. Run the apptrack program to install this key. If you accepted the default installation locations for Micro Focus Server, then the executable will be in the following location:

   ```
   C:\Program Files\Micro Focus\Server 5.1\Bin\apptrack.exe
   ```

2. Select License Install and follow the prompts.

Server Express

Licenses for Micro Focus Server Express are purchased separately for each developer.

Micro Focus Server Express is the COBOL development component for UNIX that allows you to compile COBOL programs. If COBOL development is not required, there is no need to purchase this product.

To complete the installation of Micro Focus Server Express, you must obtain a COBOL Serial

Number and a License Key for the number of users licensed to use your system.

Installing the Server Express Software

This software can be installed into any location. For demonstration purposes we have chosen /opt/cobol5.1WP6

1. For Linux /UNIX servers: Download and extract the software in the Micro Focus Server Express 5.1 WrapPack 6 package from http://edelivery.oracle.com.
2. If the file you downloaded from the Oracle Software Delivery Cloud is compressed, uncompress it into a temporary directory so that you are left with a .tar file.

   In this example we are using the file /tmp/sx51_ws6_redhat_x86_64_dev.tar.Z uncompress /tmp/sx51_ws6_redhat_x86_64_dev.tar.Z
3. Create a directory to contain the COBOL executables mkdir /opt/cobol5.1WP6
4. Extract the tar file into opt/cobol5.1WP6

   ```
   cd  /opt/cobol5.1WP6
   tar  -xvf  /tmp/sx51_ws6_redhat_x86_64_dev.tar
   ```

5. Start the installation program

   ```
   COBDIR=/opt/cobol5.1WP6;
   export COBDIR
   cd $COBDIR
   ./install
   ```

6. Enter the following responses to the installation questions:

   Do you want to make use of COBOL and Java working together?: y

   Versions of Java do you want to be the default?: 1.6.0 64-bit

   Would you like to install LMF now?: y

   Do you want license manager to be automatically started at boot time?: y

   Please enter either 32 or 64 to set the system default mode: 64

   Do you wish to configure Enterprise Server now?: n

   Do you want to install XDB?: n

Installing Server Express Temporary Licenses

Temporary license codes provided are active for up to 30 days while you request a full license. If the temporary license is not converted within the 30-day temporary license period, you cannot compile COBOL programs.

After installing the COBOL license manager you will need to manually add the following licenses using the "mflmcmd" command.

If you installed the license manager into /opt/microfocus/mflmf then the commands to install the temporary license will be:

```
COBDIR=/opt/microfocus/mflmf
export  COBDIR
```

```
LD_LIBRARY_PATH=$COBDIR/lib:$LD_LIBRARY_PATH:/lib
export LD_LIBRARY_PATH
cd /opt/microfocus/mflmf
$COBDIR/mflmcmd
```

Select the option "I" for install and use the below Serial Number/License combination.

Serial Number: ORACLE_UTD30DAY32

License Code: 01030 10780 016A6 E700D 0464 ILA

FOR AIX PLATFORMS you need to additionally install the following license key:

Serial Number: ORACLE_UTD30DAY64

License Code: 01030 A0780 016A7 02E06 B500 ILA

Acquiring Permanent Licenses

To permanently license Server Express, you must obtain a COBOL Serial Number and a License Key for the number of users licensed to use your system.

To request a permanent license, contact licensecodes_ww@oracle.com with the following information:

- Company Name
- Customer Number
- CSI Number (if available) or a copy of your contract including attachment 1.
- OS Platform and Version
- Full name of Product to be licensed: Micro Focus Server Express

The turnaround time for getting license codes is 48 hours.

Installing UNIX Micro Focus Server Express Permanent Licenses

Oracle licensing will email you a license key. This license key will be a text-based key that contains a Serial Number and a License Number component.

If you installed the license manager into /opt/microfocus/mflmf then the commands to install the temporary license will be:

```
COBDIR=/opt/microfocus/mflmf export COBDIR
LD_LIBRARY_PATH=$COBDIR/lib:$LD_LIBRARY_PATH:
   /lib export LD_LIBRARY_PATH
cd /opt/microfocus/mflmf $COBDIR/mflmcmd
```

Select the option "I" for install and use the provided Serial Number/License combination.

Micro Focus Net Express

Licenses for Micro Focus Net Express are purchased separately for each developer.

Micro Focus Net Express is the COBOL development component for Windows that allows you to compile COBOL programs. If COBOL development is not required, there is no need to purchase this product. The Net Express COBOL Compiler product contains the Application Server Run-Time System. When you install and license the COBOL Compiler on a machine, you can compile and run COBOL programs on that machine. It is not necessary to install or license the Application Server Run-Time System on machines where the Net Express COBOL Compiler is already installed and licensed.

Windows Micro Focus Server cannot be installed on the same machine as Micro Focus Net Express. You must have either one or the other per machine, but not both.

Installing Micro Focus Net Express

If you need to compile, or compile and run, COBOL programs on a Windows machine you can install and license the Micro Focus Net Express 5.1 COBOL Compiler.

1. Download the Micro Focus Net Express 5.1 package from http://edelivery.oracle.com.
2. Execute the setup.exe from the base directory of the install.
3. Go straight to the option **Install Net Express.**
4. On the Customer Information dialog box you do not need to enter a Serial Number or WO number.
5. On the Custom Setup dialog box install the following components: Install Net Express support for Windows & Cross Platform.

   Note: *Do not* install anything else.
6. Download the Net Express 5.1 WrapPack 6 package from the Oracle Software Delivery Cloud and execute the .msp file contained within the package.

Temporary License

The COBOL Compiler installation includes a temporary license, which is active for up to 30 days while you request a full license. If the temporary license is not converted within the 30-day temporary license period, you cannot compile or run COBOL programs.

Acquiring Permanent Licenses

Obtaining a full license requires a REQUESTKEY/RESPONSE KEY. A request key is generated during the Net Express installation by encrypting unique hardware identifiers. Access is granted when a response key is entered that matches the request key.

Completing the Permanent License Process

1. Request the response key by sending an email to licensecodes_ww@oracle.com. Include your Company Name, Customer ID, CSI number (if available), and the request key.
2. Click Licensing in the Protection System dialog box to determine your request key (and to enter your response key when you get it). Or, go to **Start, Program, Micro Focus Net Express X.X, Configuration, License Management System.**
3. Click **Generate Full License** to obtain the request key and to enter the response key. Note: Disregard any instructions during the installation, or in the online documentation, that direct you to contact Micro Focus for your response key.

   Note: Disregard any instructions during the installation, or in the online documentation, that direct you to contact Micro Focus for your Response Key.

You can deploy Net Express to as many computers as allowed by your license. However, installation on a new machine generates a new request key. You must secure an additional, unique response key for each new installation.

The turnaround time for getting license codes is 48 hours.

Contacting Oracle Support

Please follow this link http://www.oracle.com/support/index.html to contact Oracle Support