# PITSS.CON 16.2.3

*Setup Prerequisites for Forms 11gR2 (Linux)*

# Contents

# Minimum System Requirements

1. Oracle Support Forms & Reports Services Platforms (Application Server):
   ➤ Oracle Linux 6.4+
   ➤ Red Hat Enterprise Linux 6.4+
2. RAM: 4 GB or more (Depending on operating system support)
3. Virtual Memory: 4 GB+
4. HDD Partitioning:
   ➤ A minimum of 256 MB of disk space is required. More may be required for storing your source code in the file system.
5. OS User Access Requirements:
   ➤ OS User will need to own the software mount.
   ➤ Root user access must be accessible for the installation.
   ➤ VNC Server (e.g. tigervnc) must be installed and running in the server. This is required for both the installation of PITSS.CON as well as for running PITSS.CON.
   ➤ **IMPORTANT:** This OS account used to install the Oracle software MUST be used to run the Oracle Services per the Oracle Forms Certification Matrix (it is best to use an account to which multiple system admins will have access) and PITSS.CON must also be installed as the same user who installed WebLogic and Forms.

# Software Requirements

1. Java JDK 1.7.0_40 or higher
   a. Go to http://www.oracle.com/technetwork/java/javase/downloads/java-archive-downloads-javase7-521261.html#jdk-7u80-oth-JPR
   b. For JDK 1.7.0_80, click on "jdk-7u80-windows-x64.exe" for 64-bit.

c.  NOTE: Java JDK 1.7.0_40 is the minimum required for Forms 11.1.2.2 if using Oracle WebLogic Server 10.3.6, but we recommend the latest version of JDK as it is more current and contains security updates.

## 2. Database Requirements for PITSS.CON

A Database will be needed to store the PITSS.CON Repository. The database MUST be a locally installed database (in the same local-area network (LAN) as the application server).

➤  Oracle Database 11gR2 is recommended, 10gR2 (10.2.0.4+) is the minimum acceptable version. Oracle Database 12.1.0.1+ is also supported.

➤  The database should NOT be the XE edition of Oracle Database.

➤  We'll need both the SYS and SYSTEM users available.

➤  For the installation, GRANT EXECUTE ON SYS.DBMS_LOCK TO PUBLIC must be granted during the installation. After the installation of PITSS.CON, you can revoke this right from PUBLIC and then grant it only to the PITSS users which will be installed.

➤  The database will need CTXSYS user installed on the database (done through installing Oracle Text on the database) where the PITSS.CON Repository will run. To check if Oracle Text was installed, check to see if a CTXSYS user exists (without manually installing it).

➤  Oracle JVM must be installed in the database if you plan to use PITSS.CON Source Control (also known as Version Control)

➤  A tablespace will need to be created for the PITSS Repository. It should be expandable (auto-extend) with at least 3 GB of space. Please let PITSS know the name of the tablespace to use.

➤  The database where the PITSS.CON Repository will be installed should be a development or test database. We do not recommend using a production database. You have the option to either install the PITSS.CON database repository in a pre-existing database (where other database objects exist) or to install it in an empty database

➤ The character set of the database MUST be a multi byte character set. The recommended character set would be UTF8.

➤ The password for any application connect strings specified in PITSS.CON must not exceed 13 characters.

➤ NOTE: After PITSS.CON is installed, the PITSS.CON repository should NOT be moved to a separate database or server using export/import or Data Pump. Please contact PITSS before moving PITSS.CON to a separate database or server.

## 3.  Application Modules

➤ Please have all modules (forms, menus, libraries, and reports) ready for loading into PITSS.CON.

## 4.  Oracle Forms Environment

a.  PITSS.CON needs a fully-configured Oracle Forms & Reports 11gR2 environment running under Oracle WebLogic Server. One (not all) of the following environments must be set up <u>on the same application server or PC where PITSS.CON will be installed</u>:

➤ Oracle Forms & Reports 11.1.2.0 (11gR2) using Oracle WebLogic Server 10.3.5 or 10.3.6 (**JDK 6 (1.6.0_45) required**)

➤ Oracle Forms & Reports 11.1.2.1 (11gR2) using Oracle WebLogic Server 10.3.6 (**JDK 7u7+ required**)

➤ Oracle Forms & Reports 11.1.2.2 (11gR2) using Oracle WebLogic Server 10.3.6 (**JDK 7u40+ required**)

b.  **NOTE: PITSS.CON must be installed using the same operating system (OS) user who installed WebLogic and Forms.**

Please contact PITSS if you need help finding the download locations for Oracle WebLogic Server and Oracle Forms & Reports.

## 5.  PITSS.CON 16.2.3

➤ Please contact PITSS at 248-740-0935 or us.support@pitss.com for download instructions.

## 6.  WebUtil, JACOB, and PITSS.CON Install Scripts

➤ Please contact PITSS at 248-740-0935 or us.support@pitss.com for download instructions.

## 7.  Requirements for PITSS Forms Upgrade Workshop

➤ We will need the same OS user who installed WebLogic and will be installing PITSS.CON to be available to start/stop the services, or the account credentials provided to us or to the user who will be participating in the workshop.

➤ File system level access will be required to the PITSS.CON and WebLogic folder structures during the workshop either through ftp to the server or as a network share.

➤ The connect string to your application development database will be required during the workshop. The credentials can either be provided to us or to an individual who will be participating in the workshop. If being provided to us, we recommend that you change the password to something else and that you can change it back after the workshop.

➤ There is a possibility which we may need to copy objects to/from the PITSS consultant's laptop who is performing the upgrade. A mechanism is needed for this either through a flash drive (preferred) or email/cd etc.

➤ A DBA-level user may be needed to create or copy missing database objects to the application development database which PITSS will connect to compile your application. If the user participating in the workshop has these credentials that would be great.

➤ We recommend a developer familiar with the application(s) to participate in the workshop. Developers actively working on the application will benefit from participating in the workshop and can better provide suggestions on changes that may need to be made.

## If you have any questions on the above, please contact PITSS.

# About PITSS

PITSS helps organizations move from their IT past to their future. In an ever more competitive world the winners maintain the right balance of cost-effectiveness and leading adoption of digitally enabled market strategies. Helping organizations decide where to invest in their enterprise architecture, how much of it to retain, and how far their team can go is exactly what we do best.

Our methodology hinges on the transformation of legacy Oracle Database and Forms applications. No matter the visionary road map you pursue to distinguish your organization, we understand how your catalog of existing Oracle investments have shaped your present day practices and options. With the benefit of our experience and proprietary tools, you will identify the necessary change areas of culture, code and architecture to make your digital strategy a key advantage at the heart of your enterprise.

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