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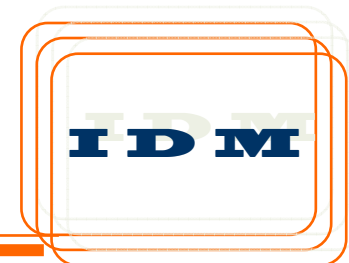
Installing Identity Manager

Disclaimer and Acknowledgments



- ▶ The contents here are created as a own personal endeavor and thus does not reflect any official stance of Sun Microsystems on any particular technology
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Agenda



- ▶ Installing Identity Manager
 - ▶ Supported Operating System
 - ▶ Supported Application Server
 - ▶ Supported Browser
 - ▶ Supported Database
 - ▶ IDM Architecture
 - ▶ General Installation Comments
 - ▶ IDM Interfaces
 - ▶ Default Accounts
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Installing



Installing Identity Manager



▶ The following tasks are required to install Identity Manager:

1. Evaluate your environment.

- Decide where to store MySQL index repository files.
- Determine your memory requirements.

2. Ensure you have administrator privileges on the resource to be managed.

3. Install and set up prerequisite software.

- Set up a java virtual machine (JVM) and java compiler.
 - Set up a MySQL index database (if necessary).
 - Install and configure the Apache Tomcat application server.
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Installing Identity Manager (continued)



4. Install and configure Identity Manager software.

- » SUN Java System Identity Manager 7.1

5. Set up the Sun Identity Manager Gateway (optional).

- If you plan to set up Windows 2000, Novell NetWare, or RSA ACE/Server resources, you should install the Sun Identity Manager Gateway

6. Set up PasswordSync (optional).



Supported Operating System

- ▶ **The Operating System you use with IDM must be:**
 - » AIX 4.3.3, 5.2, 5L v5.3
 - » HP-UX 11i v1, 11i v2
 - » Microsoft Windows 2000 SP3 or above
 - » Microsoft Windows 2003
 - » Solaris 8, 9, 10 Sparc and x86d
 - » Red Hat Linux Advanced Server 2.1
 - » Red Hat Linux Enterprise Server 3.0, 4.0
 - » Novell SuSE Linux Enterprise Server 9 SP1
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Supported Application Servers

- ▶ Apache Tomcat
 - » Version 4.1.x and 5.0.x (with JDK 1.4.2) or Version 5.5 (with JDK 1.5)
 - ▶ BEA WebLogic® Express 8.1 (with JDK 1.4.2) and BEA WebLogic® Server™ 8.1 (with JDK 1.4.2)
 - ▶ BEA WebLogic® Server™ 9.1 and 9.2 (with JDK 1.5)
 - ▶ IBM WebSphere® 6.0, 6.1 and IBM WebSphere® Application Server - Express Version 5.1.1 (with JDK 1.4.2)
 - ▶ JBoss Application Server 4.0.4
 - ▶ Sun™ ONE Application Server 7
 - ▶ Sun Java™ System Application Server Platform Edition 8, 8.2,9
 - ▶ Sun Java™ System Application Server Platform Edition and Enterprise Edition 8.1

 - ▶ **Notes**
 - » The application server you use with these applications must be **Servlet 2.3-compliant** and installed with the included Java platform.
 - » Your current **application server container must support UTF-8.**
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Browsers



▶ The browser you use with IDM must be:

- » Microsoft Internet Explorer 5.x and later
 - » Safari 2.0 and later for Mac OS X 10.3.3 and later
 - » Mozilla 1.78 with JRE 1.5
 - » Firefox 1.04,1.05,1.06 with JRE 1.5
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Supported Databases and Directories

▶ The Database you use with IDM must be:

- » IBM® DB2® Universal Database for Linux, UNIX®, and Windows® (Version 7.x, 8.1, 8.2)
- » Microsoft SQL Server™ 2000, 2005
- » MySQL™ 4.1, 5.0
- » Oracle 9i® and Oracle Database 10g, 10gR1 and 10gR2®

▶ Notes

- » You must configure your database with a character set that will support the characters that you want to store.
 - » If you need to store multi-byte characters, you should use a character set (such as UTF-8) that supports Unicode.
-

Web Servers



▶ The Web Server you use with IDM must be:

- » Apache 1.3.19
- » iPlanet 4.1
- » Microsoft Internet Information Server (IIS) 4.0, 5.0
- » Sun™ ONE Web Server 6

▶ Notes

- » Integration between an application server and Web server is not required.
 - » You may choose to use a Web server for better load balancing and for increased security (through the https protocol).
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IdM Architecture



▶ Web Application

- » All user interfaces are made through a standard web browser

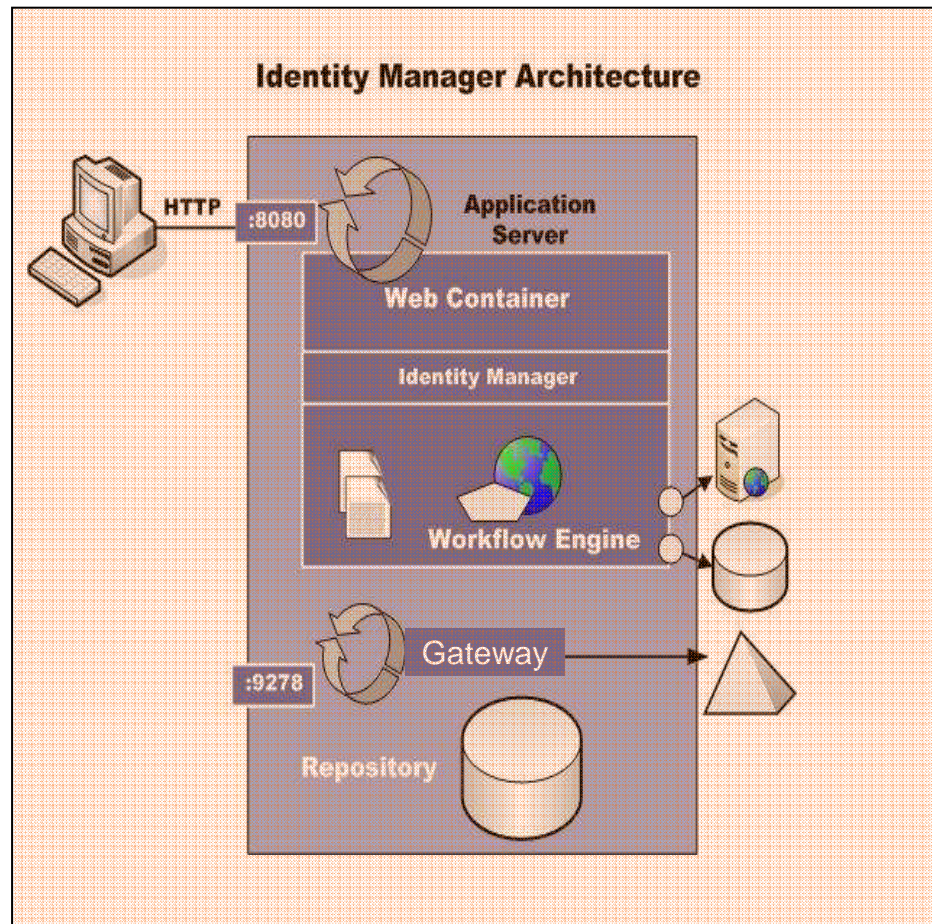
▶ Repository

- » Contain configuration information.
- » Is stored in an existing relational database management system (RDBMS).

▶ Workflow Engine

- » Software services that provides the run – time execution for various workflow processes (such as provisioning users to resources).
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IDM Architecture (continued)



General installation comments



▶ Identity Manager command-line interface

» LH is the instruction required to execute in command line functions for IDM

- SetRepo - Sets the Identity Manager index repository
- Config - Starts the Business Process Editor.
- Console - Starts the Identity Manager console.

▶ Path environment variables

» Set the JAVA_HOME to the JRE directory that contains a bin directory with the Java executable.

» Set the WSHOME variable to the Identity Manager installation directory, as follows

- WSHOME=<path_to_identity_manager_directory>

▶ Files

» Waveset.properties

- File under idm folder /idm/config
 - File Used to configure parameters like enable/disable trace, redirect email, etc.
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IDM Interfaces Context



- ▶ To access an IDM interface, you should use a Web browser and enter the URL for your application server, including port, appended with the URL for the Web application (typically, this is /idm).
 - » For example:
 - <http://appserver.example.com:8080/idm>

 - ▶ For the three different Interfaces you should use the URL as follow:
 - » IDM Admin
 - <http://appserver.example.com:8080/idm>
 - » IDM User
 - <http://appserver.example.com:8080/idm/user>
 - » IDM Debug
 - <http://appserver.example.com:8080/idm/debug>
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Defaults Accounts

- ▶ After you complete the IDM installation, you can log in with one of the default account IDs and passwords

- » ID: Configurator
- » Password: configurator

or

- » ID: Administrator
- » Password: administrator

▶ Note

- » It is strongly recommended that you reset the default administrator account passwords after installation.
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