System Requirements and Supported Platforms for Oracle Self-Service E-Billing

Version 6.2, Rev. A
April 2015

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Contents

1 Introduction

This guide contains the definitive list of system requirements and supported platforms for Oracle Self-Service E-Billing 6.2. Unless otherwise noted herein, the requirements covered in this document apply to all platform and related end-user applications within this product release. For more information about Oracle Self-Service E-Billing, see the Release Notes on My Oracle Support and the complete product documentation on Oracle Technology Network (OTN).

What's New in This Release

This document includes updates to the Supported Server Operating Systems and Supported J2EE Application Servers topics on page 8.

2 Platform Requirements

This chapter provides details about requirements for Oracle Self-Service E-Billing. It includes the following topics:

- Hardware Requirements
- Server Environment Requirements

Hardware Requirements

This section describes the hardware requirements for Oracle Self-Service E-Billing 6.2.

Oracle has certified acceptable performance in these environments. Performance is improved, however, by using faster processors and additional memory, particularly in environments where users run multiple applications simultaneously. Table 1 shows the hardware requirements for Oracle Self-Service E-Billing 6.2.

Table 1. Hardware Requirements for Oracle Self-Service E-Billing 6.2

Description	Requirement
Server	For Sun Solaris: - 64-bit on Sun SPARC - 64-bit on Sun x86 For Linux: - 64-bit on Intel - Oracle Enterprise Certified Hardware For Microsoft Windows: - Intel Pentium III or compatible processor
Peripheral	CD-ROM (optional)
RAM	3 Gigabytes (minimum for single server install)
Disk space	50 Gigabytes (minimum for single server install)

Server Environment Requirements

This section includes the following topics:

- Supported Server Operating Systems
- Supported J2EE Application Servers
- Supported Databases and Licensing Requirements

Supported Server Operating Systems

Table 2 shows the server operating systems supported for Oracle Self-Service E-Billing 6.2.

Table 2. Supported Server Operating Systems for Oracle Self-Service E-Billing 6.2

Supported Environment	Operating System
Oracle Solaris Operating System, Oracle WebLogic Server and Oracle Database	Oracle Solaris 11 (for SPARC)
Oracle Solaris Operating System, Oracle WebLogic Server and Oracle Database	Oracle Solaris 11 (for x86)
Linux Operating System, Oracle WebLogic Server and Oracle Database	Oracle Enterprise Linux 6.2 Oracle Enterprise Linux 6.4
Microsoft Windows Operating System, Oracle WebLogic Server, and Oracle Database	Microsoft Windows Server 2008 R2

Supported J2EE Application Servers

Table 3 shows the J2EE application servers supported for Oracle Self-Service E-Billing 6.2

Table 3. Supported J2EE Application Servers for Oracle Self-Service E-Billing 6.2

J2EE Application Server	Server Operating Systems
Oracle WebLogic Server 12.1.1	■ Oracle Solaris 11 (for SPARC) ■ Oracle Solaris 11 (for x86) ■ Oracle Enterprise Linux 6.2 ■ Oracle Enterprise Linux 6.4 ■ Microsoft Windows Server 2008 R2

Supported Databases and Licensing Requirements

Table 4 lists the databases supported for Oracle Self-Service E-Billing 6.2.

Table 4. Supported Databases for Oracle Self-Service E-Billing 6.2

Product	Version	Connectivity Software
Oracle Database Enterprise Edition	11g Release 2 (11.2.0.3)	■ Oracle 11g client software (for the application server) ■ Oracle 11g JDBC driver
Oracle Database Enterprise Edition	12g Release 1 (12.1.0.1)	■ Oracle 12g client software (for the application server) ■ Oracle 12g JDBC driver

Oracle Self-Service E-Billing requires that you use the Oracle Database Enterprise Edition features listed in Table 5.

Table 5. Oracle Database Enterprise Edition Features Required with Oracle Self-Service E-Billing

Oracle Enterprise Edition Option	Extra Cost?
Oracle Partitioning	Yes
Oracle Advanced Queue	No
Oracle JVM	No
Oracle XML	No

Table 6 lists optional features available when using Oracle Database Enterprise Edition with Oracle Self-Service E-Billing, some at no cost.

Table 6. Optional Features Available With Oracle Database Enterprise Edition

Oracle Enterprise Edition Option	Extra Cost?
Oracle Real Application Clusters (RAC)	Yes
Oracle Warehouse Builder	No
OWB Enterprise ETL Module	Limited use license included for use with Oracle Self-Service E-Billing. Additional licensing is extra.
Oracle Streams	Yes
Oracle Data Guard	Yes
Oracle Flashback	Yes
Oracle Workflow	No
Oracle Data Quality	Yes
Oracle Diagnostic Pack	Yes
Oracle Tuning Pack	Yes
Oracle Configuration Management	Yes

Table 7 lists additional Oracle products required by Oracle Self-Service E-Billing

Table 7. Other Oracle Products Required with Oracle Self-Service E-Billing

Oracle Enterprise Edition Option	Extra Cost?
Oracle DVT Charting	No

Table 8 lists an optional feature for PDF processing that is available within Oracle Self-Service E-Billing

Table 8. Optional Feature Available in Oracle Self-Service E-Billing

Optional Feature	Extra Cost?
Oracle BI Publisher Desktop v11.1.1	Yes
Oracle WebCenter Content v11.1.1	Yes

3 Supported Software and Ancillary Programs

This chapter includes the following topics:

- Supported Software
- Ancillary Programs

Product	Version	Associated Module	Distribution Method and Description
COMMERCIAL			
Siebel eStatement Manager	4.7*	eStatement Manager	Embedded. Production components.
Siebel ePayment Manager	4.7*	ePayment Manager	Embedded. Payment functionality.
Macrovision InstallAnywhere supported runtime components for standardized multiple-platform installations	6.2	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Extraction of packaged product installation components.
OPEN SOURCE			
AntiSamy-bin	1.3	Oracle Self-Service E-Billing	Embedded. Required by ESAPI-2.0-rc4
ANTLR 2	2.7.7	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Released into Public Domain by Terence Parr.
AOP Alliance	1.0	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Released into Public Domain by AOP Alliance project.
Apache Commons Beanutils	1.8.3	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Java reflection and introspection API wrappers.
Apache Commons Codec	1.3	Oracle Self-Service E-Billing	Embedded. Implementations of common encoders and decoders
Apache Commons Collection	3.2.1	Oracle Self-Service E-Billing; eStatement Manager; ePayment	Embedded. Java Collections Framework extensions.

Product	Version	Associated Module	Distribution Method and Description
		Manager	
Apache Commons Configuration	1.6	Oracle Self-Service E-Billing;	Embedded. Configuration interface which enables a Java application to read configuration data from a variety of sources
Apache Commons Digester	2.1	Oracle Self-Service E-Billing; eStatement Manager; Oracle ePayment Manager	Embedded. XML-to-Java-object mapping utility.
Apache Commons FileUpload	1.2.2	Oracle Self-Service E-Billing	Embedded. High-performance, file upload capability.
Apache Commons HttpClient	3.1	Oracle Self-Service E-Billing	Embedded. Standards based Java implementation of HTTP.
Apache Commons IO	2.0.1	Oracle Self-Service E-Billing	Embedded. Standards-based library of utilities for IO functionality.
Apache Commons Lang	3.1	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Helper utilities for the java.lang API.
Apache Commons Lang	2.6	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Helper utilities for the java.lang API.
Apache Commons Logging	1.1.1	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Wrapper for logging API implementations.
Apache Commons Net	2.2	Oracle Self-Service E-Billing	Embedded. Client side of many basic Internet protocols
Apache Commons OGNL	3.0.5	Oracle Self-Service E-Billing	Embedded. An Object-Graph Navigation Language
Apache Commons Pool	1.5.5	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Generic object pooling component.
Apache Commons Validator	1.3.1	Oracle Self-Service E-Billing	Embedded. Standards based package for verifying the integrity of user input.

Product	Version	Associated Module	Distribution Method and Description
Apache Jakarta Java Caching System	1.3	Oracle Self-Service E-Billing	Embedded. A distributed caching system written in java intended to speed up applications by providing a means to manage cached data.
Apache Jakarta ORO	2.0.8	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Text-processing Java classes.
Apache Jakarta Regexp	1.5	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Java Regular Expression package.
Apache Log4j	1.2.16	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Runtime logging.
Apache Struts 2	2.3.7	Oracle Self-Service E-Billing	Embedded. An open-source web application framework for developing Java EE web applications.
Apache ODF Toolkit	0.7	Oracle Self-Service E-Billing	Simple Java API for ODF for creating, modifying and extracting data from Open Document Format (ODF) documents.
Apache Xwork	2.3.7	Oracle Self-Service E-Billing	Embedded. Struts required.
Apache Tiles	2.3.3	Oracle Self-Service E-Billing	Embedded. A templating framework.
Apache Velocity	1.7	Oracle Self-Service E-Billing	Embedded. Templating engine and tools.
Apache Xalan-Java 2	2.7.1	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. XSLT processor for XML transformations.
Apache Xerces-Java	2.11.0	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. XML parser.

Product	Version	Associated Module	Distribution Method and Description
Apache XML-Commons External Distribution	2.11.0	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. DOM, SAX, and JAXP interfaces. Required for Apache Xalan-Java implementation.
ASM	3.3.1	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Lightweight Java Bytecode Manipulation Framework.
cglib (Code Generation Library)	2.2	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Byte Code Generation Library.
Concurrent Utilities	1.3.4	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Released into Public Domain by Doug Lea.
DOM4J	1.6.1	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. XML Processing.
Ehcache	2.3.2	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. A fast and thread safe cache for Java that provides memory and disk stores and distributed operation for clusters.
ESAPI	2.0	Oracle Self-Service E-Billing	Embedded. Web application security control library
FreeMarker	2.3.19	Oracle Self-Service E-Billing	Embedded. A generic tool to generate text output based on templates
HttpClient	4.1.2	Oracle Self-Service E-Billing	Embedded. Standards based Java implementation of HTTP.
httpcore	4.1.2	Oracle Self-Service E-Billing	Embedded. Be used to build custom client and server side HTTP services
httpmime	4.1.2	Oracle Self-Service E-Billing	Embedded. MIME coded HTTP entity implementations.
Javassist	3.14.0-GA	Oracle Self-Service E-Billing	Embedded. A load-time reflective system for Java
JGroups	2.12.1.Fi	Oracle Self-Service	Embedded. A toolkit for reliable

Product	Version	Associated Module	Distribution Method and Description
	nal	E-Billing	multicast communication
JQuery	1.8.18	Oracle Self-Service E-Billing	Embedded. Multi-browser JavaScript library to simplify the client-side scripting of HTML.
OSCache	2.4.1	Oracle Self-Service E-Billing	Embedded. Set of classes to perform fine grained dynamic caching of JSP content.
ODFDOM OpenDocument Java API	0.8.8	Oracle Self-Service E-Billing	Embedded. OpenDocument Format library used to generate DAISY documents.
Prize Tags JSP Tag Library	3.4.0	Oracle Self-Service E-Billing	Embedded. Collection of tag libraries for web applications.
Proxool	0.9.1	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Proxy JDBC Connection Pool.
Quartz	1.8.4	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Job Scheduling.
XML Serializer	2.7.1	Oracle Self-Service E-Billing	Embedded. Serializer to write out XML, HTML etc. as a stream of characters from an input DOM or from input SAX events.
slf4j	1.6.4	Oracle Self-Service E-Billing	Embedded. Hibernate required
SwarmCache	1.0RC2	Oracle Self-Service E-Billing	Embedded. Distributed cache
Spring Framework	3.0.7	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. J2EE application framework.
Spring LDAP	1.3.1	Oracle Self-Service E-Billing	Embedded. Java library for simplifying LDAP operations
Spring Security 3.1.0	3.1.0	Oracle Self-Service E-Billing	Embedded. Authentication and Authorization. A powerful, flexible security framework for enterprise software, with a particular emphasis on applications that use Spring.

Product	Version	Associated Module	Distribution Method and Description
XML Pull Parser (XPP3)	1.1.4c	Oracle eStatement Manager; ePayment Manager	Embedded. Streaming pull XML parser.

License Agreements

Supported Software

Oracle Self-Service E-Billing 6.2 supports the third-party software products listed in Table 9. These products must be obtained directly from the third-party that distributes them.

Table 9. Supported Software

Product	Version	Associated Module	Function
Microsoft Internet Explorer	8.0	Oracle Self-Service E-Billing	Browser; Certified for Windows only
Mozilla Firefox	10.0	Oracle Self-Service E-Billing	Browser; Certified for Windows only
Safari	s5	Oracle Self-Service E-Billing	Browser; Certified for Windows only
Google Chrome	c25	Oracle Self-Service E-Billing	Browser; Certified for Windows only
PayPal Payflow Pro	4.0	ePayment Manager	Payment Gateway; Credit-card processing
Chase Paymentech	6.9	Orbital Payment Gateway	Payment Processor SDK; Credit-card processing
Apache Ant	1.7.1	Oracle Self-Service E-Billing	Installation
Maven	2.0.4 to 2.0.8	Oracle Self-Service E-Billing	Installation; Library Repackaging

Ancillary Programs

The ancillary programs listed in Table 6 are provided with Oracle Self-Service E-Billing 6.2 through licensing agreements with the vendors that own them. The use of all ancillary programs is governed by the terms of the Software License and Services Agreement (SLSA) between your company and Oracle.

Instructions for installing ancillary programs (if required) are provided in the server installation guide for your platform, and in other installation information in the product documentation set.

Your licensed software may include some or all of the ancillary programs listed in Table 10.

Table 10. Ancillary Programs

Product	Version	Associated Module	Distribution Method and Description
COMMERCIAL			
Siebel eStatement Manager	4.7*	eStatement Manager	Embedded. Production components.
Siebel ePayment Manager	4.7*	ePayment Manager	Embedded. Payment functionality.
Macrovision InstallAnywhere supported runtime components for standardized multiple-platform installations	6.2	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Extraction of packaged product installation components.
OPEN SOURCE			
AntiSamy-bin	1.3	Oracle Self-Service E-Billing	Embedded. Required by ESAPI-2.0-rc4
ANTLR 2	2.7.7	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Released into Public Domain by Terence Parr.
AOP Alliance	1.0	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Released into Public Domain by AOP Alliance project.
Apache Commons Beanutils	1.8.3	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Java reflection and introspection API wrappers.
Apache Commons Codec	1.3	Oracle Self-Service E-Billing	Embedded. Implementations of common encoders and decoders
Apache Commons Collection	3.2.1	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Java Collections Framework extensions.
Apache Commons Configuration	1.6	Oracle Self-Service E-Billing;	Embedded. Configuration interface which enables a Java application to read configuration data from a variety of sources
Apache Commons Digester	2.1	Oracle Self-Service E-Billing; eStatement	Embedded. XML-to-Java-object mapping utility.

Product	Version	Associated Module	Distribution Method and Description
		Manager; Oracle ePayment Manager	
Apache Commons FileUpload	1.2.2	Oracle Self-Service E-Billing	Embedded. High-performance, file upload capability.
Apache Commons HttpClient	3.1	Oracle Self-Service E-Billing	Embedded. Standards based Java implementation of HTTP.
Apache Commons IO	2.0.1	Oracle Self-Service E-Billing	Embedded. Standards-based library of utilities for IO functionality.
Apache Commons Lang	3.1	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Helper utilities for the java.lang API.
Apache Commons Lang	2.6	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Helper utilities for the java.lang API.
Apache Commons Logging	1.1.1	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Wrapper for logging API implementations.
Apache Commons Net	2.2	Oracle Self-Service E-Billing	Embedded. Client side of many basic Internet protocols
Apache Commons OGNL	3.0.5	Oracle Self-Service E-Billing	Embedded. An Object-Graph Navigation Language
Apache Commons Pool	1.5.5	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Generic object pooling component.
Apache Commons Validator	1.3.1	Oracle Self-Service E-Billing	Embedded. Standards based package for verifying the integrity of user input.
Apache Jakarta Java Caching System	1.3	Oracle Self-Service E-Billing	Embedded. A distributed caching system written in java intended to speed up applications by providing a means to manage cached data.
Apache Jakarta ORO	2.0.8	Oracle Self-Service E-Billing; eStatement Manager; ePayment	Embedded. Text-processing Java classes.

Product	Version	Associated Module	Distribution Method and Description
		Manager	
Apache Jakarta Regexp	1.5	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Java Regular Expression package.
Apache Log4j	1.2.16	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Runtime logging.
Apache Struts 2	2.3.7	Oracle Self-Service E-Billing	Embedded. An open-source web application framework for developing Java EE web applications.
Apache ODF Toolkit	0.7	Oracle Self-Service E-Billing	Simple Java API for ODF for creating, modifying and extracting data from Open Document Format (ODF) documents.
Apache Xwork	2.3.7	Oracle Self-Service E-Billing	Embedded. Struts required.
Apache Tiles	2.3.3	Oracle Self-Service E-Billing	Embedded. A templating framework.
Apache Velocity	1.7	Oracle Self-Service E-Billing	Embedded. Templating engine and tools.
Apache Xalan-Java 2	2.7.1	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. XSLT processor for XML transformations.
Apache Xerces-Java	2.11.0	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. XML parser.
Apache XML-Commons External Distribution	2.11.0	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. DOM, SAX, and JAXP interfaces. Required for Apache Xalan-Java implementation.
ASM	3.3.1	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Lightweight Java Bytecode Manipulation Framework.

Product	Version	Associated Module	Distribution Method and Description
cglib (Code Generation Library)	2.2	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Byte Code Generation Library.
Concurrent Utilities	1.3.4	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Released into Public Domain by Doug Lea.
DOM4J	1.6.1	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. XML Processing.
Ehcache	2.3.2	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. A fast and thread safe cache for Java that provides memory and disk stores and distributed operation for clusters.
ESAPI	2.0	Oracle Self-Service E-Billing	Embedded. Web application security control library
FreeMarker	2.3.19	Oracle Self-Service E-Billing	Embedded. A generic tool to generate text output based on templates
HttpClient	4.1.2	Oracle Self-Service E-Billing	Embedded. Standards based Java implementation of HTTP.
httpcore	4.1.2	Oracle Self-Service E-Billing	Embedded. Be used to build custom client and server side HTTP services
httpmime	4.1.2	Oracle Self-Service E-Billing	Embedded. MIME coded HTTP entity implementations.
Javassist	3.14.0-GA	Oracle Self-Service E-Billing	Embedded. A load-time reflective system for Java
JGroups	2.12.1.Final	Oracle Self-Service E-Billing	Embedded. A toolkit for reliable multicast communication
JQuery	1.8.18	Oracle Self-Service E-Billing	Embedded. Multi-browser JavaScript library to simplify the client-side scripting of HTML.
OSCache	2.4.1	Oracle Self-Service E-Billing	Embedded. Set of classes to perform fine grained dynamic caching of JSP content.

Product	Version	Associated Module	Distribution Method and Description
ODFDOM OpenDocument Java API	0.8.8	Oracle Self-Service E-Billing	Embedded. OpenDocument Format library used to generate DAISY documents.
Prize Tags JSP Tag Library	3.4.0	Oracle Self-Service E-Billing	Embedded. Collection of tag libraries for web applications.
Proxool	0.9.1	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Proxy JDBC Connection Pool.
Quartz	1.8.4	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. Job Scheduling.
XML Serializer	2.7.1	Oracle Self-Service E-Billing	Embedded. Serializer to write out XML, HTML etc. as a stream of characters from an input DOM or from input SAX events.
slf4j	1.6.4	Oracle Self-Service E-Billing	Embedded. Hibernate required
SwarmCache	1.0RC2	Oracle Self-Service E-Billing	Embedded. Distributed cache
Spring Framework	3.0.7	Oracle Self-Service E-Billing; eStatement Manager; ePayment Manager	Embedded. J2EE application framework.
Spring LDAP	1.3.1	Oracle Self-Service E-Billing	Embedded. Java library for simplifying LDAP operations
Spring Security 3.1.0	3.1.0	Oracle Self-Service E-Billing	Embedded. Authentication and Authorization. A powerful, flexible security framework for enterprise software, with a particular emphasis on applications that use Spring.
XML Pull Parser (XPP3)	1.1.4c	Oracle eStatement Manager; ePayment Manager	Embedded. Streaming pull XML parser.

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