



**ORACLE®**

## **Oracle Policy Automation 10.4.1 System Requirements**

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# Oracle Policy Automation Products

## Version 10.4.1 Overview

Product	Platforms
Oracle Policy Modeling	Microsoft Windows (Desktop)
Oracle Policy Automation - Web Determinations - Determinations Server - Batch Processor* - Determinations Engine	Java (multi-platform) <i>or</i> .NET (Microsoft Windows only)
- Interview Portlet*	Java portal server
Oracle Policy Automation Connector for Siebel	Varies by connector component
Oracle Policy Automation Connector for CRM on Demand	Varies by connector component
Oracle Policy Automation Connector for SAP	Varies by connector component

\*Throughout this presentation, items marked with an asterisk are new since version 10.3.0

# Oracle Policy Modeling

## 10.4.1 System Requirements

Oracle Policy Modeling provides the authoring environment for policies that are deployed to Oracle Policy Automation. It is not needed during execution of policies, whether as interviews, or via web services, connectors or APIs.

Requirement	Versions Supported	Edition
Operating System	<ul style="list-style-type: none"><li>Microsoft Windows XP SP3</li><li>Microsoft Windows Vista SP1 or later</li></ul>	32-bit (x86) only
	<ul style="list-style-type: none"><li>Microsoft Windows 7</li></ul>	32-bit (x86) or 64-bit (x64)
Productivity Suite	<ul style="list-style-type: none"><li>Microsoft Word 2003<sup>†</sup>, 2007</li><li>Microsoft Excel 2003<sup>†</sup>, 2007</li></ul>	32-bit (x86)
	<ul style="list-style-type: none"><li>Microsoft Word 2010</li><li>Microsoft Excel 2010</li></ul>	32-bit (x86) or 64-bit* (x64)
Version Control Integration	<ul style="list-style-type: none"><li>subversion 1.6 via pre-installed adapter</li><li>subversion 1.5, 1.6 via PushOK MS SCC API adapter</li><li>Microsoft Visual SourceSafe 2005 and 2008</li><li>Microsoft Team Foundation Server 2005, 2008 and 2010</li><li>IBM Rational ClearCase 7.0 and 7.1</li></ul>	
Java Runtime	<ul style="list-style-type: none"><li>Oracle Java 2 Standard Edition 5 or 6</li></ul>	
.NET Framework	<ul style="list-style-type: none"><li>Microsoft .NET Framework 2.0 SP2, 3.0 SP2, or 3.5 SP1</li></ul>	

**†Note:** What-if Analysis in Excel requires Office 2007 or later.  
Support for Microsoft Office 2003 will cease no later than Oracle Policy Modeling version 11.0.



# Oracle Policy Automation for Java

## 10.4.1 – Portal Server Requirements

Deploying Oracle Policy Automation Interview Portlet requires a portal server listed below.

Portal Server	Versions Supported
Oracle WebCenter Suite <sup>†</sup>	11.1.1.4* and 11.1.1.5* (11gR1), 12.1.1* (12c R1)
JBoss Enterprise Portal Platform	5.1.1*

**Note:** OPA Interview Portlet requires a JSR286 compliant portal server, and if the portlet is to be deployed via WSRP, then WSRP 2 support is also required. Only the portal servers shown above are supported.

A supported JVM, operating system and processor must also be selected. See subsequent slide.

<sup>†</sup>Also certified for use with Oracle VM

# Oracle Policy Automation for Java

## 10.4.1 – Application Server Requirements

Deploying *OPA Determinations Server for Java* or *OPA Web Determinations for Java* requires a supported application server listed below.

Application Server	Versions Supported
Oracle WebLogic Server†	10.0, 10.3.0 (10g R3), 10.3.x (11g), 12.1.1* (12c R1)
IBM WebSphere Application Server	6.1, 7.0
Apache TomCat	5.5, 6.0, 7.0*
JBoss Application Server‡	5.1†, 6.0*, 6.1*
Oracle Internet Application Server – also known as OC4J	10.1.3 (10g R3)

A supported JVM, operating system and processor must also be selected. See following slide.

† Also certified for use with Oracle VM

‡ **Note:** OPA Document Generation Server is not supported on JBoss Application Server

# Oracle Policy Automation for Java

## 10.4.1 – General System Requirements

All Oracle Policy Automation for Java components can be deployed only on one of the following operating system configurations.

Versions Supported	CPU	Java VM / 32, 64 bit
Oracle Linux 4, 5 <sup>†</sup> , 6 <sup>†</sup>	x86 / x64	Oracle JDK / 32 and 64-bit
RedHat Enterprise Linux 4, 5 <sup>†</sup> , 6 <sup>†</sup>	x86 / x64	Oracle JDK / 32 and 64-bit
Oracle Solaris 10, 11 Express, 11*	x86 / x64 / SPARC	Oracle JDK / 32 and 64-bit
openSuse Linux 11	x86 / x64	Oracle JDK / 32 and 64-bit
SUSE Linux Enterprise Server 10	IBM System z, IBM POWER <sup>‡</sup>	IBM JDK / 64-bit only
SUSE Linux Enterprise Server 11 SP1	x86 / x64	IBM JDK / 32 and 64-bit
IBM AIX 6.1, 7.1	IBM pSeries, IBM LPAR	IBM JDK / 32 and 64-bit
Microsoft Windows Server 2003, 2008	x86 / x64	Oracle JDK / 32 and 64-bit
Microsoft Windows XP, Vista, 7	x86 / x64	Oracle JDK / 32-bit only

### Notes:

- (1) JRockit JVM is also supported, but only if deploying to an application server that supports it.
- (2) Oracle Exalogic and Sparc Supercluster are both supported hardware platforms.
- (3) When deploying OPA Interview Portlet, OPA Web Determinations, or OPA Determinations Server, the selected portal or application server must also be supported on the chosen configuration.

<sup>†</sup>Also certified for use with Oracle VM

<sup>‡</sup>Includes System p and System i

# Oracle Policy Automation for .NET

## 10.4.1 System Requirements

Operating System	IIS Version	Single User IIS Only?	Edition
Microsoft Windows Server 2008 R2	7.5		x64 only
Microsoft Windows 7	7.5	Yes	x86/x64
Microsoft Windows Server 2008	7.0		x86/x64
Microsoft Windows Vista	7.0	Yes	x86/x64
Windows Server 2003	6.0		x86/x64
Windows XP Professional	5.1‡	Yes	x86 only

### .NET Framework

Microsoft .NET Framework 2.0 SP2, 3.0 SP2, 3.5 SP1, 4.0

**Note:** IIS not required for Oracle Policy Automation Determinations Engine

‡Unicode extended character set URLs not supported

# Interoperability of Oracle Policy Modeling and Oracle Policy Automation Versions

Policy models built with Oracle Policy Modeling version...	...can be deployed only to these Oracle Policy Automation versions
9.4.x	9.4.x
10.0.0, 10.0.1	10.0.0, 10.0.1
10.1.0, 10.1.1	10.1.0, 10.1.1 <sup>¶</sup>
10.2.0	10.2.0 <sup>†</sup>
10.3.0, 10.3.1	10.3.0, 10.3.1 <sup>†</sup>
10.4.0, 10.4.1	10.4.0, 10.4.1 <sup>†</sup>

**Note:** Upgrading Policy Modeling projects to the latest version is usually a single step process.

**Note:** Within compatible sub-point releases, it is strongly recommended to use the latest available versions of both Oracle Policy Modeling and Oracle Policy Automation to ensure the latest performance enhancements and bug fixes are being used.

<sup>¶</sup> OPA Determinations Server 10.1.x has the same SOAP web service interface as 10.0.x

<sup>†</sup> OPA Determinations Server 10.2 and later include backward compatible SOAP web services for each previous minor version. For example, 10.4 includes three backward compatible SOAP web services for 10.0 and 10.2 and 10.3, in addition to the (default) 10.4 web service interface.





# OPA Web Determinations

## 10.4.1 Client Browser Requirements

Browser Version	Common Requirements
Microsoft Internet Explorer 7 or later <sup>†</sup>	<p>Support for:</p> <ul style="list-style-type: none"><li>• W3C HTML 4.01 compliance</li><li>• Cascading Style Sheets level 2 (CSS2)<ul style="list-style-type: none"><li>- Complying with W3C CSS2 specification</li></ul></li><li>• JavaScript (ECMAScript)<ul style="list-style-type: none"><li>- To Document Object Model (DOM) Level 2</li></ul></li></ul>
Mozilla Firefox 3.0 or later	
Opera 9.2 or later	
Apple Safari 4.0 or later	
Google Chrome 7.0 or later	

For accessibility information for OPA Web Determinations, see the published VPAT statements for Oracle Policy Automation available here: <http://www.oracle.com/us/corporate/accessibility/vpats/vpats-siebel-162956.html>

**†Note:** Support for Microsoft Internet Explorer 7 will cease no later than Oracle Policy Automation version 11.0.



# OPA Determinations Server

## 10.4.1 Certified SOA Interoperability

### Process and Application Integration

Oracle SOA Suite and Oracle BPM Suite

- Oracle BPM Studio 10gR3 and 11gR1
- Oracle BPEL Process Manager 10gR3 and 11gR1
- Oracle Service Bus 10gR3 and 11gR1

Oracle E-Business Suite 11i and 12

PeopleTools 8.4x and 8.50

IBM WebSphere Process Server 6.1 or 7.0

Tibco iProcess 10.5

Tibco BusinessWorks 5.3

Sun GlassFish Enterprise Service Bus V2.1

**Note:** OPA Determinations Server is a WS-I Basic Profile 1.1 and WS-I18N compliant web service which is designed to be generally interoperable with any web service consuming application. The applications listed here are those for which web service interoperability tests with OPA Determinations Server have been performed by Oracle. Note that specific connectors are also sold separately for some products to deliver more advanced integration functionality.



# OPA Batch Processor

## 10.4.1 Database Server Requirements

Database Server	Supported Versions <sup>†</sup>	Notes
Oracle Database*	10g, 11g	Supported only in Oracle Policy Automation for Java.
Microsoft SQL Server*	2008, 2008 R2	

**† Note:** Consult the product documentation for information on supported JDBC database drivers.



# OPA CONNECTORS



# OPA Connector for Siebel

## 10.4.1 System Requirements

OPA Connector for Siebel provides integration with Siebel for OPA Web Determinations interviews, OPA Interview Portlet and the OPA Determinations Server web service.

Requirement	Supported Product Versions
Siebel CRM Base	8.0.x, 8.1.x, 8.2.x
Oracle Policy Modeling <sup>‡</sup>	10.4.1
Oracle Policy Automation <sup>¶</sup>	10.4.1
Oracle WebCenter Suite <sup>†</sup>	11.1.1.4* and 11.1.1.5* (11gR1), 12.1.1* (12c R1)

<sup>‡</sup> OPA Connector for Siebel provides a plug-in for importing Siebel data models at design time, which is supported in every Oracle Policy Modeling configuration.

<sup>¶</sup> OPA Connector for Siebel includes specific versions of OPA Determinations Server and OPA Web Determinations. Only these versions can be used with OPA Connector for Siebel 10.4.1, but each is certified for use on any supported OPA system configuration (operating system, application server etc.)

<sup>†</sup> OPA Connector for Siebel includes a specific version of OPA Interview Portlet. This is the only version supported with OPA Connector for Siebel, and is supported only with the specified versions of Oracle WebCenter Suite.

# OPA Connector for Oracle CRM On Demand

## 10.3.0 System Requirements

OPA Connector for Oracle CRM on Demand provides integration with Oracle CRM on Demand, for OPA Web Determinations interviews.

Requirement	Supported Product Versions
Oracle CRM on Demand	R19
Oracle Policy Modeling <sup>‡</sup>	10.3.0, 10.3.1
Oracle Policy Automation <sup>¶</sup>	10.3.0, 10.3.1

<sup>‡</sup> OPA Connector for Oracle CRM on Demand 10.3.0 provides a plug-in for importing CRM on Demand data schemas at design time. This plug-in is supported in every supported Oracle Policy Modeling configuration (operating system etc.)

<sup>¶</sup> OPA Connector for Oracle CRM on Demand 10.3.0 provides a specific version of OPA Web Determinations. Only this version can be used with OPA Connector for Oracle CRM on Demand 10.3.0. This version of OPA Web Determinations is supported only on the Java platform, but it is certified for use on any supported OPA system configuration for that platform (operating system, application server etc.)

**Note:** A version of OPA Connector for Oracle CRM On Demand that is compatible with Oracle Policy Modeling 10.4.0 or later is not currently available (as of March 2012). Use Oracle Policy Modeling 10.3.1 instead.



# OPA Connector for SAP

## 10.2.0 System Requirements

OPA Connector for SAP provides the ability to integrate OPA Determinations Engine with SAP ABAP application code via SAP Java Connector.

Requirement <sup>†</sup>	Versions Supported
SAP Java Connector	7.30.1 or later
OPA Determinations Engine	10.2.0 or later
Application Server	Oracle WebLogic Server 10g or 11g on any supported Operating System <i>or</i> Provided Java web service only on IBM AIX 6.1 32-bit or 64-bit

Interoperable Product Version	System Requirements
SAP NetWeaver 7.0	Standard <sup>†</sup>
Oracle Policy Modeling 10.2.0	Standard

<sup>†</sup> OPA Connector for SAP provides ABAP wrapper code to be used, but is independent of the system environment on which SAP is running.

**Note:** A version of OPA Connector for SAP that is compatible with Oracle Policy Modeling 10.3.0 or later is not currently available (as of June 2011). Use Oracle Policy Modeling 10.2.0 instead.