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Oracle Policy Automation 10.4 Update 7 (10.4.7) System Requirements

December 2018 – Version 1.03

Oracle Policy Automation Products

Version 10.4.7 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 a red plus symbol are new since version 10.4.6

Oracle Policy Modeling

10.4.7 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	• Microsoft Windows Vista SP1 or later	32-bit (x86) only
	• Microsoft Windows 7, 8, 8.1 ⁺ , 10 ⁺	32-bit (x86) or 64-bit (x64)
Productivity Suite	• Microsoft Word 2003 [†] , 2007 • Microsoft Excel 2003 [†] , 2007	32-bit (x86)
	• Microsoft Word 2010, 2013, 2016 ⁺ • Microsoft Excel 2010, 2013, 2016 ⁺	32-bit (x86) or 64-bit (x64)
Version Control Integration	<ul style="list-style-type: none"> • subversion server 1.6 or 1.7 via pre-installed v1.6 client adapter • subversion 1.5, 1.6 via PushOK MS SCC API adapter • Microsoft Visual SourceSafe 2005 and 2008 • Microsoft Team Foundation Server 2005, 2008, 2010 and 2012 • IBM Rational ClearCase 7.0 and 7.1 	
Java Runtime	• Oracle Java 2 Standard Edition 6, 7 or 8	
.NET Framework	• Microsoft .NET Framework 2.0 SP2, 3.0 SP2, or 3.5 SP1	

†Note: What-if Analysis in Excel requires Office 2007 or later.
Support for Microsoft Office 2003 ceases from Oracle Policy Modeling version 12.1.

Oracle Policy Automation for Java

10.4.7 – Portal Server Requirements

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

Portal Server	Versions Supported
Oracle WebCenter Suite [†]	11.1.1.4, 11.1.1.5, 11.1.1.6.4 ¹ (11g releases)
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. (Version 12.1.1 of Oracle WebCenter Suite was previously incorrectly listed as a supported platform. However, there is no such version of WebCenter Portal.)

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

[†]Also certified for use with Oracle VM

¹Requires WebCenter patch 14122166

Oracle Policy Automation for Java

10.4.7 – 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), 12.1.3 (12cR1), 12.2.1 (12cR2) ⁺
IBM WebSphere Application Server	6.1, 7.0, 8.5.5
Apache TomCat [§]	5.5, 6.0, 7.0
JBoss Application Server [‡]	5.1 [†] , 6.0, 6.1, 7.0, 7.1
Oracle Internet Application Server – also known as OC4J	10.1.3 (10g R3)

A supported Java Virtual Machine, operating system and processor must also be selected. See following slide. In general, if a JVM is supported by the selected application server, it is also supported by OPA for Java.

For WebLogic server certified configurations, see <http://www.oracle.com/technetwork/middleware/ias/downloads/fusion-certification-100350.html>

[†] Also certified for use with Oracle VM

[‡] OPA Document Generation Server is not supported on JBoss Application Server

[§] Remote debugging is supported only on Apache TomCat

Oracle Policy Automation for Java

10.4.7 – General System Requirements

Versions Supported	CPU	Java VM / 32, 64 bit
Oracle Linux 4, 5 [†] , 6 [†]	x86 / x64	Oracle JDK / 32 and 64-bit
RedHat Enterprise Linux 4, 5 [†] , 6 [†] , 7 [†]	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 (z/Linux), IBM POWER [‡]	IBM JDK / 64-bit only
SUSE Linux Enterprise Server 11 SP1	x86 / x64	Oracle JDK / 32 and 64-bit
IBM AIX 6.1, 7.1	IBM pSeries, IBM LPAR	IBM JDK / 32 and 64-bit
Microsoft Windows Server 2008, 2012 ⁺	x86 / x64	Oracle JDK / 32 and 64-bit
Microsoft Windows Vista, 7, 8	x86 / x64	Oracle JDK / 32-bit only

[†]Also certified for use with Oracle VM

[‡]Includes System p and System i

Notes:

- (1) JDK 6, JDK 7 and JDK 8 are all supported, **if supported by the chosen application server.**
- (2) OPA Batch Processor 10.4.7 is supported on JDK 6, JDK 7 and JDK 8.
- (3) JRockit JVM is supported, when deploying to an application server that supports it
- (4) A particular configuration is supported for OPA Interview Portlet, OPA Web Determinations and OPA Determinations Server only if supported by the selected portal or application server
- (5) Oracle Exalogic and Sparc Supercluster are both supported hardware platforms

Oracle Policy Automation for .NET

10.4.7 System Requirements

Operating System	IIS Version	Single User IIS Only?	Edition
Microsoft Windows Server 2012	8.5 [‡]		x64 only
Microsoft Windows 8 / 8.1	8.0 / 8.5	Yes	x86/x64
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

.NET Framework

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

Notes:

- (1) IIS not required for Oracle Policy Automation Determinations Engine
- (2) Support for Windows Server 2003 will cease no later than Oracle Policy Automation 10.5

[‡]If errors occur due to spaces in a policy model name add the following to the web.config of the IIS 8.5 web site:

```
<configuration>  
  <appSettings>  
    <add key="aspnet:UseLegacyRequestUrlGeneration" value="true" />  
  </appSettings>
```

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 [¶]
10.2.0	10.2.0 [†]
10.3.0, 10.3.1	10.3.0, 10.3.1 [†]
10.4.0 to 10.4.7	10.4.0 to 10.4.7 [†]

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.

[¶] OPA Determinations Server 10.1.x has the same SOAP web service interface as 10.0.x

[†] 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

10.4.7 Client Browser Requirements

Browser Version	Common Requirements
Microsoft Internet Explorer 7 or later [†]	<p>Support for:</p> <ul style="list-style-type: none">• W3C HTML 4.01 compliance• Cascading Style Sheets level 2 (CSS2)<ul style="list-style-type: none">- Complying with W3C CSS2 specification• JavaScript (ECMAScript)<ul style="list-style-type: none">- To Document Object Model (DOM) Level 2
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 ceases from Oracle Policy Modeling version 12.1.

OPA Determinations Server

10.4.7 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 8.5x

IBM WebSphere Process Server 6.1 and 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

10.4.7 Database Server Requirements

Database Server	Supported Versions†	Notes
Oracle Database†	10g, 11g, 12c	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

10.4.6 System Requirements

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

Requirement	Supported Product Versions
Siebel CRM Base	8.0.x, 8.1.x, 8.2.x up to 8.2.2.4.0 (not supported for IP 2016 or later)
Oracle Policy Modeling [‡]	10.4.6, 10.4.7
Oracle Policy Automation [¶]	10.4.6
Oracle WebCenter Suite [†]	11.1.1.4, 11.1.1.5, 11.1.1.6.4 ¹ (11g versions)

[‡] OPA Connector for Siebel provides a design-time plug-in for importing Siebel data models and validating integration object mappings. This plug-in can be installed on any supported configuration of Oracle Policy Modeling 10.4.7.

[¶] OPA Connector for Siebel includes enhanced versions of OPA Determinations Server and OPA Web Determinations. Only these connector-specific versions can be used with OPA Connector for Siebel 10.4.6. The provided versions are certified for use on every supported OPA 10.4.6 system configuration (operating system, application server etc.).

[†] 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.

¹Requires WebCenter patch 14122166

OPA Connector for Oracle CRM On Demand

10.4.6 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	R25
Oracle Policy Modeling [‡]	10.4.6
Oracle Policy Automation [¶]	10.4.6

[‡] OPA Connector for Oracle CRM on Demand 10.4.6 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 (i.e. operating system etc.)

[¶] OPA Connector for Oracle CRM on Demand 10.4.6 provides a specific version of OPA Web Determinations. Only this version can be used with OPA Connector for Oracle CRM on Demand 10.4.6. 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 (i.e. operating system, application server etc.)