



UPK and UPK Professional Technical Specifications

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Introduction

Oracle User Productivity Kit (UPK) is an easy-to-use and comprehensive content development, deployment, and maintenance platform for increasing project, program, and user productivity. With Oracle UPK, project teams can mitigate risk through all phases of any project lifecycle, dramatically reduce the time to deployment, and ensure end user adoption.

Multi-user Developer Install

Content authors use the Oracle UPK development tool to create content. This section outlines the technical requirements for a multi-user installation of the UPK development tool. In a multi-user installation, the core UPK development tool files are installed on a central server for content sharing, and a client version of the UPK development tool is installed locally on the content author's workstation.

Server Requirements for a Multi-user Developer Install	
Hardware	
Processor	4 cores; 2 GHz or greater
System memory	4 GB or greater
Physical storage	100 MB for program files
Network connection	100 MB connection capable of communicating via HTTP(S) and TCP/IP Connection used for communication between the development server and the database server. Increased bandwidth typically improves performance.
Software	
Operating system	Microsoft Windows 2012 Server Microsoft Windows 2012 Server R2 Microsoft Windows 2016 Server Microsoft Windows 2019 Server
Web server	Microsoft Internet Information Services is required
Software framework	Microsoft .NET Framework 4.5
Database	
Database (one required)	Oracle Database v11.1 Oracle Database v11.2 Oracle Database v12.1 Oracle Database 18c Oracle Database 19c Microsoft SQL Server 2012 SP3 Microsoft SQL Server 2014 SP1 Microsoft SQL Server 2016 Microsoft SQL Server 2017
Physical storage	500 MB for initial installation; additional storage possibly required depending on amount of content created.
NOTES	1. Both 32-bit and 64-bit versions supported where applicable.

Client Requirements for a Multi-user Developer Install	
Hardware	
Processor	2 cores; 2 GHz or greater
System memory	2 GB or greater
Physical storage	1.2 GB (600 MB for program files; 600 MB for locally stored content)
Network connection	Broadband or faster (1.5 MB/s download, 512 kb/s upload) connection capable of communicating via HTTP(S) and TCP/IP Connection used for communication between the UPK Developer client and the UPK server. Increased bandwidth typically improves performance.
Software	
Operating system	Microsoft Windows 7 SP1 ¹ Microsoft Windows 8.1 ^{1,2} Microsoft Windows 10 ³
DPI setting	96 DPI Fonts
Browsers supported for client installation	Microsoft Internet Explorer for Windows v11.0 ¹
Browsers supported for recording topics with object recognition and automatic context capture	Microsoft Internet Explorer for Windows v11.0 ¹ Microsoft Edge - Windows 10 introduced new security enhancements which prevent UPK recording with Edge Mozilla Firefox for Windows version 52 ESR
Oracle JRE	Latest Oracle JRE version tested for object recognition during recording: 8u151 and 9u1
Software framework	Microsoft .NET Framework 4.5 or 4.6
Other required applications	Microsoft Office 2010 ¹ (SP2), 2013 or 2016 ³ is required to publish or edit document styles or player styles using “Print It!” mode and to publish document outputs using Word, PowerPoint and PDF. Microsoft Excel 2010 or 2013 or 2016 is required to view UPK-generated Test Case documents. Excel is not required to generate the documents in *.xlsx format. Test Case document outputs are supported for use with the following testing suites and versions: Oracle Application Testing Suite 9.1, 9.2, 9.3, 12.1.x, 12.2; HP Quality Center 11; and IBM Rational Quality Manager 2.0.0.1 iFix4 and 2.0.1.
NOTES	<ol style="list-style-type: none"> 1. Both 32-bit and 64-bit versions supported where applicable. 2. For detailed information regarding Windows 8 support please refer to the My Oracle Support Knowledge Base, "UPK: Oracle User Productivity Kit Known Windows 8 Client Issues" (Article ID # 1544261.1). 3. On Windows 10 / Office 2016, import from PowerPoint and the PowerPoint Overlay Editor features require the following update from Microsoft Tools for Office: https://www.microsoft.com/en-us/download/details.aspx?id=48217

Single User Developer Install

Content authors use the Oracle UPK development tool to create content. This section outlines the system requirements for a single user installation of the UPK development tool. In a single user installation, the core UPK development tool and library files are installed locally on the content author's workstation.

Client requirements for a Single User Developer Install	
Hardware	
Processor	2 cores; 2 GHz or greater
System memory	2 GB or greater
Physical storage	1.3 GB (700 MB for program files; 600 MB for locally stored content)
Software	
Operating system	Microsoft Windows 7 SP1 ¹ Microsoft Windows 8.1 ^{1,2} Microsoft Windows 10 ³
DPI setting	96 DPI Fonts
Browsers supported for client installation	Microsoft Internet Explorer for Windows v11.0 ¹
Browsers supported for recording topics with object recognition and automatic context capture	Microsoft Internet Explorer for Windows v11.0 ¹ Microsoft Edge - Windows 10 introduced new security enhancements which prevent UPK recording with Edge Mozilla Firefox for Windows version 60.6.1 ESR
Oracle JRE	Latest Oracle JRE version tested for object recognition during recording: 8u151 and 9u1
Software framework	Microsoft .NET Framework 4.5 or 4.6
Other required applications	Microsoft Office 2010 ¹ (SP2), 2013 or 2016 ³ is required to publish or edit document styles or player styles using "Print It!" mode and to publish document outputs using Word, PowerPoint and PDF. Microsoft Excel 2010, 2013 or 2016 is required to view UPK-generated Test Case documents. Excel is not required to generate the documents in *.xlsx format. Test Case document outputs are supported for use with the following testing suites and versions: Oracle Application Testing Suite 9.1, 9.2, 9.3, 12.1.x, 12.2; HP Quality Center 11; and IBM Rational Quality Manager 2.0.0.1 iFix4 and 2.0.1.
NOTES	<ol style="list-style-type: none"> 1. Both 32-bit and 64-bit versions supported. 2. For detailed information regarding Windows 8 support please refer to the My Oracle Support Knowledge Base, "UPK: Oracle User Productivity Kit Known Windows 8 Client Issues" (Article ID # 1544261.1). 3. On Windows 10 / Office 2016, import from PowerPoint and the PowerPoint Overlay Editor features require the following update from Microsoft Tools for Office: https://www.microsoft.com/en-us/download/details.aspx?id=48217

Content Publication

This section discusses the system requirements for Oracle UPK published output—that is, the content that end users will view and use. After creating UPK content using the UPK Developer, content authors can publish the content to one or more published output formats. There are two types of published outputs discussed in this section of the document: Player and LMS output and HTML Web Site output.

Server Requirements for Player/LMS Package and HTML Web Site	
Hardware	
Processor	4 cores; 2 GHz or greater
System memory	2 GB or greater
Physical storage	Between 500 MB and 4 GB of physical storage is adequate for most implementations
Network connection	100 MB/sec. Network connection capable of communicating via HTTP(S) and TCP/IP Connection used for communication between the web server and content consumers.
Software	
Operating system	Any ¹
Web server	Any
LMS package	UPK Player packages are compliant with AICC 3.5, SCORM 1.2, or SCORM 2004 (4 th edition). Note: AICC deployments use a Java applet for LMS server communication. Oracle JRE is required on client workstations.
NOTES	1. Both 32-bit and 64-bit versions supported.

Knowledge Center

Oracle UPK includes an additional component, the UPK Knowledge Center. The UPK Knowledge Center enables the management of content and users, content deployment and access control, as well as usage tracking and reporting of deployed content. This section discusses the requirements for implementing the UPK Knowledge Center component.

Server Requirements for Knowledge Center	
Hardware	
Processor	4 cores; 2 GHz or greater
System memory	4 GB or greater
Physical storage	800 MB – 300 MB for initial software installation. Between 500 MB and 4 GB of physical storage is adequate for most implementations.
Software	
Network connection	100 MB/s Network connection capable of communicating via HTTP(S) and TCP/IP Connection used for communication between the server and the database. Content consumers can use lower bandwidth rates to access content.
Operating system	Microsoft Windows 2012 Server Microsoft Windows 2012 Server R2 Microsoft Windows 2016 Server Microsoft Windows 2019 Server
Web server	Microsoft Internet Information Services is required
Software framework	Microsoft .NET Framework 4.5
Database	
Database (one required)	Oracle Database v11.1 Oracle Database v11.2 Oracle Database v12.1 Oracle Database 18c Oracle Database 19c Microsoft SQL Server 2012 SP3 Microsoft SQL Server 2014 SP1 Microsoft SQL Server 2016 Microsoft SQL Server 2017
	500 MB for initial installation; additional storage possibly required depending on amount of content created.
NOTES	1. Both 32-bit and 64-bit versions supported.

Third Party LMS Package Requirements for Knowledge Center (Professional Only)

Supported Standards	Limited support for SCORM 2004 (4 th edition) – See “Considerations for SCORM-Compliant Titles” in the Knowledge Center documentation for more information.
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End-User Requirements for Player/LMS Package, Knowledge Center and HTML Web Site

(One supported browser and OS combination required)

Browser	Operating System
Microsoft Internet Explorer ¹ 11.0	Microsoft Windows 7 SP1 ^{1,2,3} Microsoft Windows 8.1 ^{1,2,3} Microsoft Windows 10 ^{2,3}
Microsoft Edge	Microsoft Windows 10 ^{1,2}
Mozilla Firefox 52 ESR or later	Microsoft Windows 7 SP1 ^{1,2,3} Microsoft Windows 8.1 ^{1,2,3} Apple OS X 10.2.x or later ^{1,2} Modern Linux distribution ^{1,2}
Apple Safari 6.0, 6.1, and 7.0	Apple OS X (10.2 or later) ^{1,2} Apple iOS 6.0 and 7.0 (iPad only) ²
Google Chrome 63 or later	Microsoft Windows 7 SP1 ^{1,2} Microsoft Windows 8.1 ^{1,2} Apple OS X (10.5.6 or later) ^{1,2} Modern Linux distribution ^{1,2}
NOTES	<ol style="list-style-type: none"> Both 32-bit and 64-bit versions supported. Browser and Operating System combination supported for In-Application Support deployment. Browser and Operating System combination supported for SmartHelp deployment. Mozilla Firefox for Windows stops supporting the technologies SmartHelp was built upon. The latest Firefox version supported by SmartHelp is 47.

Contact Us

For more information about Oracle User Productivity Kit, please visit

<http://www.oracle.com/us/products/applications/user-productivity-kit/> or call +1.800.ORACLE1 to speak to an Oracle representative.

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