



**Supported Hardware and Software**

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**SAP Mobile Platform 2.3 SP03**

DOCUMENT ID: DC01914-01-0233-03

LAST REVISED: January 2014

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# Contents

# SAP Mobile SDK Requirements

Operating systems, disk space, supported mobile devices, mobile application development environments, and virtual machine support for SAP® Mobile SDK.

## Mobile SDK System Requirements

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Each SAP Mobile SDK host must meet the requirements for operating system and available disk space.

**Table 1. Host Operating System**

Operating System	Service Pack	CPU
Microsoft Windows XP; Professional	SP2, SP3	32-bit only
Microsoft Windows Vista; Business, Enterprise, or Ultimate	SP2	32- and 64-bit
Microsoft Windows 7; Professional, Enterprise, or Ultimate	SP1	32- and 64-bit
Microsoft Window 8		32- and 64-bit
Microsoft Windows Server 2003	SP2	64-bit
Microsoft Windows Server 2008	SP2	64-bit
Microsoft Windows Server 2008R2	SP1	64-bit

**Note:** 32-bit applications are supported on the 64-bit Microsoft Windows Server Operating Systems using WoW64. For Microsoft Windows Server 2008R2, WoW64 is an optional component that must be installed and enabled to fully support 32-bit applications.

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**Table 2. Hardware (Minimum)**

CPU	RAM
Intel Core 2 Duo processor running at 2 GHz or higher, or equivalent AMD processor	4GB

### *Disk Space for Installation Only*

Disk space required for SAP Mobile SDK: 1.4GB

## Agentry Editor Requirements

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View the environment requirements for installing the Agentry Editor.

The Agentry Editor is the primary tool for developing Agentry applications. The Editor is provided with SAP Mobile SDK as an Eclipse plugin beginning with SAP Mobile Platform and requires a standalone Eclipse environment separate from the SAP Mobile Platform workspace.

### *Supported Eclipse Platforms*

Before installing the Agentry Editor, install the appropriate Eclipse platform version:

Agentry Editor Installation	Eclipse Platform Version
32-Bit: Agentry_6_0_14_0_EditorPlugin_x86.zip	Eclipse 3.7.2 (Eclipse Indigo) 32-Bit
64-Bit: Agentry_6_0_14_0_EditorPlugin_x86_64.zip	Eclipse 3.7.2 (Eclipse Indigo) 64-Bit

**Note:** The Eclipse (JUNO) version is not supported; you must use a pre-JUNO release Eclipse for the Editor plugin.

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For more information about installing the Agentry Editor, refer to *Installing the Agentry Editor Plug-In and Eclipse Platform* in the *Installation Guide for SAP Mobile SDK*.

## Supported Platforms and Development Environments

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When developing a mobile application, check which device platforms and operating systems are supported. Use only the supported application development environments.

### **Object API Applications – Supported Versions**

You can build native Object API applications on the platforms that support native application development environments.

#### **Apple iOS Versions for Object API**

Review the supported application development environments, operating systems, and hardware, and review the tested devices.

#### *Supported Application Development Environments*

- Xcode 4.6 with Mac OS X 10.7.5 (Lion) and iOS SDK 6.1
- Xcode 4.3 with Mac OS X 10.6.8 (Snow Leopard) or 10.7 (Lion), and iOS SDK 5.0

### *Supported Device Operating Systems*

- Apple iOS 7.0 (supported in Apple's Backward Compatibility mode)
- Apple iOS 6.1.x
- Apple iOS 6.0.1
- Apple iOS 6.0
- Apple iOS 5.1.1
- Apple iOS 5.1
- Apple iOS 5.0

### *Supported Hardware*

The recommended minimum hardware configuration is:

- iPhone 4
- iPod 4th Generation

Please refer to Apple's documentation regarding additional restrictions on iOS versions and hardware.

### *Tested Devices*

Unless otherwise noted, all devices are supported. These devices have been tested by SAP:

- iPhone 5 on Apple iOS 6.0
- iPhone 4s on Apple iOS 6.1
- iPhone 4 on Apple iOS 5.1
- iPad Mini on Apple iOS 6.1
- iPad Mini on Apple iOS 6.0.1
- iPad with Retina Display and A6X chip on Apple iOS 6.0.1
- iPad with Retina Display and A5X chip on Apple iOS 6.0
- iPad on Apple iOS 5.1.1

### **Google Android Versions for Object API**

Review the supported application development environments and operating systems, and the tested devices.

### *Supported Application Development Environments*

- Android SDK Tools, Revision 21  
<http://developer.android.com/sdk/index.html>
- ADT 22.2.1  
<http://developer.android.com/sdk/eclipse-adt.html>

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**Note:** The Android Object API is only supported on ARM-based CPUs.

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### *Supported Device Operating Systems*

- Android 4.3
- Android 4.2
- Android 4.1
- Android 4.0.4
- Android 4.0
- Android 3.2
- Android 3.1
- Android 3.0.0
- Android 2.3.5
- Android 2.3.3
- Android 2.3.2
- Android 2.2.1
- Android 2.2

### *Tested Devices*

Unless otherwise noted, all devices are supported. These devices have been tested by SAP: Samsung Galaxy S2 GT-I9100G on Android 4.0.3; Samsung Galaxy Note2 (GT-I7100) on Android 4.1.2.

### **Microsoft Windows Mobile/Windows Embedded Compact Versions for Object API**

Review the supported application development environments, operating systems, and hardware.

### *Supported Application Development Environments*

- Visual Studio 2008
- Microsoft .NET Compact Framework 3.5

### *Supported Device Operating Systems*

- Windows Embedded CE 6.0
- Windows Mobile 6.5 Professional
- Windows Mobile 6.5 Standard
- Windows Mobile 6.1 Professional
- Windows Mobile 6.1 Standard
- Windows Mobile 6.0 Professional
- Windows Mobile 6.0 Standard



### *Supported Hardware*

The recommended minimum hardware is 256MB RAM with a CPU clock speed greater than 500MHz.

### *Tested Devices*

This device has been tested by SAP: Motorola MC3190.

### **Microsoft Windows Versions for Object API**

Review the supported application development environments, operating systems, and hardware.

### *Supported Application Development Environments*

- Visual Studio 2008
- Microsoft .NET Framework 3.5

### *Supported Operating Systems*

- Windows XP; Professional Edition, SP2 or SP3 (32-bit only)
- Windows Vista; Business, Enterprise, and Ultimate Editions, SP2 (32- and 64-bit)
- Windows 7; Professional, Enterprise, and Ultimate Editions, SP1 (32- and 64-bit)
- Windows 8 (32- and 64-bit)

### *Supported Hardware*

The SAP Mobile Platform clients must use WoW64 on any 64-bit Windows operating system. The 64-bit native client libraries are not provided.

### **RIM BlackBerry Versions for Object API**

Review the supported application development environments, device software versions, and hardware, and review the tested devices.

### *Supported Application Development Environments*

BlackBerry is not a supported platform for custom development of DOE-based Object API applications, unless otherwise stated.

- BlackBerry Java Plug-in for Eclipse v1.5.2
- BlackBerry Java Development Environment (JDE) v7.0, 7.1
- BlackBerry Java Development Environment (JDE) v6.0

### *Supported Device Software*

- BlackBerry 7.1 OS
- BlackBerry 7.0 OS
- BlackBerry 6.0 OS

## SAP Mobile SDK Requirements

### *Supported Hardware*

The recommended minimum hardware is 512MB RAM with a CPU clock speed greater than 624MHz.

Devices are required to be paired with a BES and have the BlackBerry MDS transport enabled to allow connection with the SAP Mobile Platform Runtime. It is also strongly recommended to have BlackBerry MDS Connection Service enabled to be able to receive push notifications.

### *Tested Devices*

Unless otherwise noted, all devices are supported. This device has been tested by SAP: BlackBerry Torch 9810 (v7.0.0.540, Platform 5.0.0.694) on 7.0 OS.

## **OData SDK Applications—Supported Versions**

You can build native OData SDK applications on the platforms that support native application development environments.

### **Apple iOS Versions for OData SDK**

Review the supported application development environments, operating systems, and hardware, and review the tested devices.

### *Supported Application Development Environments*

- Xcode 5 with a minimum Mac OS X 10.8 (Mountain Lion) and iOS SDK 7.0. This environment requires you to import the 2.3 SP03 SAP Mobile Platform libraries, which you build using Xcode 4.5.1.
- Xcode 4.6 with Mac OS X 10.7.5 (Lion) and iOS SDK 6.1
- Xcode 4.3 with Mac OS X 10.6.8 (Snow Leopard) or 10.7 (Lion), and iOS SDK 5.0

### *Supported Device Operating Systems*

- Apple iOS 7.0 (supported in Apple's Backward Compatibility mode)
- Apple iOS 6.1.x
- Apple iOS 6.0.1
- Apple iOS 6.0
- Apple iOS 5.1.1
- Apple iOS 5.1
- Apple iOS 5.0

### *Supported Hardware*

The recommended minimum hardware configuration is:

- iPhone 4
- iPad 2

Please refer to Apple's documentation regarding additional restrictions on iOS versions and hardware.

### *Tested Devices*

Unless otherwise noted, all devices are supported. These devices have been tested by SAP:

- iPhone 5 on Apple iOS 6.0
- iPhone 4S on Apple iOS 5.1.1
- iPad Mini on Apple iOS 6.0.1
- iPad with Retina Display and A6X chip on Apple iOS 6.1
- iPad with Retina Display and A6X chip on Apple iOS 6.0.1
- iPad 2 on Apple iOS 6.0
- iPad 2 on Apple iOS 5.1

### **Google Android Versions for OData SDK**

Review the supported application development environments and operating systems, and the tested devices.

### *Supported Application Development Environments*

- Android SDK Tools, Revision 21  
<http://developer.android.com/sdk/index.html>
- ADT 22.2.1  
<http://developer.android.com/sdk/eclipse-adt.html>

### *Supported Device Operating Systems*

- Android 4.3
- Android 4.2
- Android 4.1
- Android 4.0.4
- Android 4.0
- Android 3.2
- Android 3.1
- Android 3.0
- Android 2.3.7
- Android 2.3.3
- Android 2.2

### *Tested Devices*

Unless otherwise noted, all devices are supported. These devices have been tested by SAP:

- Nexus on Android 4.2

## SAP Mobile SDK Requirements

- Samsung Galaxy S4 (GT-19500) for Android 4.3
- Samsung Galaxy S3 (GT-I9300) on Android 4.0.4
- HTC one V (ARM) on Android 4.0
- Samsung Galaxy Tab (GT-7500) on Android 3.2
- XOLO x900 (Intel) on Android 2.3.7
- Samsung Galaxy 2 (GT-I9000) on Android 2.2

### **RIM BlackBerry Versions for OData SDK**

Review the supported application development environments, device software versions, and hardware, and review the tested devices.

#### *Supported Application Development Environments*

- BlackBerry Java Plug-in for Eclipse v1.5.2
- BlackBerry Java Development Environment (JDE) v7.0, 7.1
- BlackBerry Java Development Environment (JDE) v6.0

#### *Supported Device Software*

- BlackBerry 7.0 OS
- BlackBerry 6.0 OS

#### *Supported Hardware*

The recommended minimum hardware is 512MB RAM with a CPU clock speed greater than 624MHz.

Devices are required to be paired with a BES and have the BlackBerry MDS transport enabled to allow connection with the SAP Mobile Platform Runtime. It is also strongly recommended to have BlackBerry MDS Connection Service enabled to be able to receive push notifications.

#### *Tested Devices*

Unless otherwise noted, all devices are supported. These devices have been tested by SAP:

- BlackBerry Bold 9900 (OS 7.0-7.0.0.261) on BlackBerry 7.0 OS
- BlackBerry Torch 9800 (v6.0.0.246) on BlackBerry 6.0 OS

## **HTML5/JS Hybrid Apps—Supported Versions**

You can build Hybrid Web Container applications on the platforms that support native application development environments.

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**Note:** Custom development using native IDEs is supported. The Hybrid Web Container is available in the form of a template project with static libraries for easy extensibility and branding. See *Developer Guide: Hybrid Apps > Hybrid Web Container Customization* for details.

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## **Apple iOS Versions for HTML5/JS Hybrid Apps**

Review the supported application development environments, operating systems, and hardware, and review the tested devices.

### *Supported Application Development Environments*

- Mac OS X 10.8 (Mountain Lion)
- Xcode 4.6
- iOS SDK 6.1

### *Supported Device Operating Systems*

- Apple iOS 7.0 (supported in Apple's Backward Compatibility mode)
- Apple iOS 6.1.x
- Apple iOS 6.0.1
- Apple iOS 6.0
- Apple iOS 5.1.1
- Apple iOS 5.1
- Apple iOS 5.0
- Apple iOS 4.3.5
- Apple iOS 4.3.2
- Apple iOS 4.3

### *Supported Hardware*

The recommended minimum hardware configuration is:

- iPhone 4
- iPad
- iPod 4th Generation

Please refer to Apple's documentation regarding additional restrictions on iOS versions and hardware.

### *Tested Devices*

Unless otherwise noted, all devices are supported. These devices have been tested by SAP:

- iPhone 5 on Apple iOS 6.1.2
- iPhone 4S on Apple iOS 5.1.1
- iPhone 4 on Apple iOS 6.0
- iPhone 4 on Apple iOS 5.1.1
- iPhone 4 on Apple iOS 5.1
- iPhone 4 on Apple iOS 5.0
- iPhone 4 on Apple iOS 4.3

## SAP Mobile SDK Requirements

- iPad Mini on Apple iOS 6.0.1
- iPad with Retina Display and A6X chip on Apple iOS 6.0.1
- iPad with Retina Display and A6X chip on Apple iOS 6.0
- iPad with Retina Display and A5X chip on Apple iOS 6.0.1
- iPad with Retina Display and A5X chip on Apple iOS 6.0
- iPad with Retina Display and A5X chip on Apple iOS 5.1.1
- iPad with Retina Display and A5X chip on Apple iOS 5.1
- iPad 2 on Apple iOS 6.0
- iPad 2 on Apple iOS 5.0
- iPad 2 on Apple iOS 4.3
- iPad on Apple iOS 5.0
- iPad on Apple iOS 4.3
- iPod Touch on Apple iOS 5.0

### **Google Android Versions for HTML5/JS Hybrid Apps**

Review the supported application development environments and operating systems, and the tested devices.

#### *Supported Application Development Environments*

- Android SDK Tools, Revision 21  
<http://developer.android.com/sdk/index.html>
- ADT 22.2.1  
<http://developer.android.com/sdk/eclipse-adt.html>

#### *Supported Device Operating Systems*

- Android 4.3
- Android 4.2
- Android 4.1
- Android 4.0.4
- Android 4.0
- Android 3.2
- Android 3.1
- Android 3.0.0
- Android 2.3.5
- Android 2.3.3
- Android 2.3.2
- Android 2.2.1
- Android 2.2

#### *Tested Devices*

Unless otherwise noted, all devices are supported. These devices have been tested by SAP:

- HTC Desire HD #1 on Android 4.1.2
- HTC Desire HD #2 on Android 2.3.3
- Samsung Galaxy S3 on Android 4.1.2
- Samsung Galaxy S4 on Android 4.2.2
- Samsung I9000T on Android 2.3.3
- Nexus 7 on Android 4.2
- Moto XT883 on Android 2.3.4
- Samsung Galaxy Tab 10.1 on Android 3.1
- Samsung Galaxy Tab 2 10.1 on Android 4.0.4

### **Microsoft Windows Mobile Versions for HTML5/JS Hybrid Apps**

Review the supported application development environments, operating systems, and hardware, and review the tested devices.

#### *Supported Application Development Environments*

Beginning with SAP Mobile Platform 2.2, customization of the Windows Mobile Hybrid Web Container using Microsoft Visual Studio 2008 is supported.

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**Note:** The Windows Mobile Hybrid Web Container only supports functionality up to SAP Mobile Platform 2.2 SP02. SAP Mobile Platform 2.3 contains only documentation changes. No additional feature enhancements are planned.

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#### *Supported Device Operating Systems*

- Windows Mobile 6.5 Professional
- Windows Mobile 6.1 Professional
- Windows Mobile 6.0 Professional

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**Note:** Due to the limited JavaScript support on Windows Mobile 6.0 and 6.1, if advanced JavaScript features are to be used, Windows Mobile 6.5 is recommended.

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#### *Supported Hardware*

The recommended minimum hardware is 256MB RAM with a CPU clock speed greater than 500MHz.

#### *Tested Devices*

Unless otherwise noted, all devices are supported. These devices have been tested by SAP:

- HTC T9199 on Windows Mobile Professional 6.5
- HTC-HD2 on Windows Mobile Professional 6.5
- Dopod C750 on Windows Mobile Professional 6.0
- Dopod P660 on Windows Mobile Professional 6.0
- HTC 8900 on Windows Mobile Professional 6.0

### **RIM BlackBerry Versions for HTML5/JS Hybrid Apps**

Review the supported application development environments, device software versions, and hardware, and review the tested devices.

#### *Supported Application Development Environments*

Beginning with Sybase® Unwired Platform 2.2, customizing the BlackBerry Hybrid Web Container with BlackBerry SDK 6.0 or above is supported.

#### *Supported Device Software*

- BlackBerry 7.1 OS
- BlackBerry 7.0 OS
- BlackBerry 6.0 OS

#### *Supported Hardware*

The recommended minimum hardware is 512MB RAM with a CPU clock speed greater than 624MHz.

Devices are required to be paired with a BES and have the BlackBerry MDS transport enabled to allow connection with the SAP Mobile Platform Runtime. It is also strongly recommended to have BlackBerry MDS Connection Service enabled to be able to receive push notifications.

#### *Tested Devices*

Unless otherwise noted, all devices are supported. These devices have been tested by SAP:

- BlackBerry Torch 9810 on BlackBerry 7.0 OS
- BlackBerry Curve 9360 on BlackBerry 7.0 OS
- BlackBerry Torch 9800 on BlackBerry 6.0 OS

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**Warning!** Due to known BlackBerry Device Software memory limitations, BlackBerry Torch 9700 on BlackBerry Device Software 6.0 OS is not supported.

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## **Agentry Applications—Supported Versions**

You can build Agentry applications on the platforms that support native application development environments.

### **Apple iOS Versions for Agentry Applications**

Review the supported device operating systems.

#### *Supported Device Operating Systems*

- Apple iOS 7.0 (supported in Apple's Backward Compatibility mode)
- Apple iOS 6.0
- Apple iOS 5.x



**Microsoft Windows Mobile Versions for Agency Applications**

Review the supported device operating systems.

*Supported Device Operating Systems*

- Windows Mobile 6.5.3 Professional
- Windows Mobile 6.5 Professional
- Windows Mobile 6.5 Standard
- Windows Mobile 6.1 Professional
- Windows Mobile 6.1 Standard
- Windows Mobile 6.0 Professional
- Windows Mobile 6.0 Standard
- Windows Mobile 5.0

**Microsoft Windows Versions for Agency Applications**

Review the supported device operating systems.

*Supported Device Operating Systems*

- Windows XP; Professional Edition, SP2 or SP3 (32-bit only)
- Windows 7; Professional, Enterprise, and Ultimate Editions, SP1 (32- and 64-bit)
- Windows 8 (only when configured for Classic UI Mode)

**Google Android Versions for Agency Applications**

Review the supported device operating systems.

*Supported Device Operating Systems*

- Android 4.2
- Android 4.1
- Android 4.0.4
- Android 4.0
- Android 3.2
- Android 3.1
- Android 3.0
- Android 2.3.7
- Android 2.3.3

**REST SDK Applications**

You can build native REST SDK applications on the platforms that support native application development environments over HTTPS.

### **Apple iOS Versions for REST SDK**

Review the supported application development environments, operating systems, and hardware, and review the tested devices.

#### *Supported Application Development Environments*

- Mac OS X 10.8 (Mountain Lion) and Mac OS X 10.7.5 (Lion)
- Xcode 4.6, 4.5, 4.3, 4.3.2, and 4.3.1
- iOS SDK 6.1, 6.0 and 5.x

#### *Supported Device Operating Systems*

- Apple iOS 7.0 (supported in Apple's Backward Compatibility mode)
- Apple iOS 6.1.x
- Apple iOS 6.0.1
- Apple iOS 6.0
- Apple iOS 5.1.1
- Apple iOS 5.1
- Apple iOS 5.0

#### *Supported Hardware*

The recommended minimum hardware configuration is:

- iPhone 3GS

Please refer to Apple's documentation regarding additional restrictions on iOS versions and hardware.

#### *Tested Devices*

Unless otherwise noted, all devices are supported. These devices have been tested by SAP:

- iPhone 5 on Apple iOS 5.0
- iPhone 4S on Apple iOS 6.1.x
- iPhone 3GS on Apple iOS 5.1
- iPad Mini on Apple iOS 6.0.1
- iPad on Apple iOS 5.1

### **Google Android Versions for REST SDK**

Review the supported application development environments and operating systems, and the tested devices.

#### *Supported Application Development Environments*

- Android SDK Tools, Revision 21

<http://developer.android.com/sdk/index.html>

- ADT 22.2.1

<http://developer.android.com/sdk/eclipse-adt.html>

### *Supported Device Operating Systems*

- Android 4.3
- Android 4.2
- Android 4.1
- Android 4.0
- Android 3.2
- Android 2.2

### *Tested Devices*

Unless otherwise noted, all devices are supported. These devices have been tested by SAP:

- Samsung Galaxy S4 (GT-I9500) for Android 4.3
- Samsung Galaxy S3 (GT-I9300) on Android 4.0.4
- Samsung Galaxy S3 on Android 4.1
- Samsung Galaxy Tab (GT-P7500) on Android 3.2
- Samsung Galaxy S (GT-I9000) on Android 2.2

## **Virtual Machine Support for Mobile SDK**

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View information about support for SAP Mobile Platform running in virtualization system environments

SAP supports SAP Mobile Platform running in a virtualization system environment if:

- The virtualization system environment is officially certified and approved by the corresponding operating system platform vendor.
- The operating system running in the virtual machine is officially certified by SAP.
- The real hardware resources within the virtualization system are properly sized according to the virtualization system vendor's recommendation and properly managed so that it is not overloaded with other virtualized systems.

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**Note:** If SAP is unable to reproduce an issue, the customer may be asked to reproduce the problem running natively on the certified operating system, without the use of a virtualization system.

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SAP does not guarantee the performance for any SAP products running on virtual machines.

### *Tested Virtualization Environments*

SAP Mobile Platform is tested on virtualization system environments hosted on the following VMWare software versions:

## SAP Mobile Platform Runtime Requirements

- VMWare WorkStation 8.0.0
- VMWare ESX Server 5.0.0
- VMWare ESX Server 4.1.0
- VMWare ESX Server 4.0.0

Each of the above virtualization system environments has been tested with the following Microsoft Windows operating systems:

- Windows Server 2008 R2 (64-bit)
- Windows 7 Enterprise Edition (64-bit)
- Windows XP Professional (32-bit)

## Supported JDK Versions

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The JDK Version provided with installation is supported.

All SAP Mobile Platform Java components, including the SAP Mobile Platform Management API, require SAP JVM 7, which is provided with the installation.

# SAP Mobile Platform Runtime Requirements

Host systems must be provisioned to meet SAP Mobile Platform Runtime requirements before installing SAP Mobile Platform Runtime components. Some components require the installation of third-party software.

## SAP Mobile Server Requirements

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Each SAP Mobile Server host must meet the requirements for operating system, hardware, and available disk space.

**Note:** You can install the SAP Mobile Platform Enterprise Server Edition only on 64-bit operating systems. You can install the Personal Development Server and Enterprise Development Server Editions on either 32-bit or 64-bit operating systems.

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**Table 3. Host Operating System**

Operating System	Service Pack
Microsoft Windows XP; Professional (32-bit only)	SP2, SP3
Microsoft Windows Vista; Business, Enterprise, or Ultimate	SP2
Microsoft Windows 7; Professional, Enterprise, or Ultimate	SP1

Operating System	Service Pack
Microsoft Windows 8	
Microsoft Windows Server 2003; Standard or Enterprise	SP2
Microsoft Windows Server 2008; Standard or Enterprise	SP2
Microsoft Windows Server 2008 R2; Standard or Enterprise	SP1

**Table 4. Hardware (Minimum)**

CPU	RAM
Intel Core 2 Duo processor running at 2GHz or higher, or equivalent AMD processor	4GB

**Table 5. Disk Space for Installation Only (Minimum)**

Component	Required Space
SAP Mobile Server	1200MB

## Data Tier Requirements

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Each data tier host must meet the requirements for operating system, hardware, and available disk space.

**Note:** You can install the SAP Mobile Platform Enterprise Server Edition only on 64-bit operating systems. You can install the Personal Development Server and Enterprise Development Server Editions on either 32-bit or 64-bit operating systems.

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**Table 6. Host Operating System**

Operating System	Service Pack
Microsoft Windows XP; Professional (32-bit only)	SP2, SP3
Microsoft Windows Vista; Business, Enterprise, or Ultimate	SP2
Microsoft Windows 7; Professional, Enterprise, or Ultimate	SP1
Microsoft Windows 8	
Microsoft Windows Server 2003; Standard or Enterprise	SP2
Microsoft Windows Server 2008; Standard or Enterprise	SP2

Operating System	Service Pack
Microsoft Windows Server 2008 R2; Standard or Enterprise	SP1

**Table 7. Hardware (minimum)**

CPU	RAM
Intel Core 2 Duo processor running at 2GHz or higher, or equivalent AMD processor	4GB

**Table 8. Disk Space for Installation Only (minimum)**

Component	Required Space
Data tier servers  <b>The required space increases as users, applications, and user data are added.</b>	720MB

## System Landscape Directory Requirements

The System Landscape Directory (SLD) host must be compatible with specific SAP® products. SLD is a central repository of system landscape information used to manage the software life cycle when SAP Mobile Platform is deployed as part of a larger SAP® landscape. SAP Mobile Platform must be registered with the SLD to be recognized by the SAP system.

- SAP® NetWeaver 7.0 (2004s) SP7 or higher

## Relay Server Requirements

Each Relay Server host must meet the requirements for operating system, hardware, and available disk space.

**Table 9. Version Requirements for SAP Mobile Platform**

Relay Server Version	Support
Relay Server 16.0.0, EBF version 1535	Binaries and documentation included on SAP Mobile Platform Runtime installation media
SAP Hosted Relay Service 16.0.0	Supported only for development and test environments

**Note:** SAP Hosted Relay Service requires no local system resources.

**Table 10. Host Operating System**

Operating System	Service Pack
Microsoft Windows Server 2003	SP2
Microsoft Windows Server 2008	SP2
Microsoft Windows Server 2008 R2	SP1
Red Hat Enterprise Linux 5 <ul style="list-style-type: none"> <li>64-bit Kernel 2.6.18-92.1.1.el5</li> </ul>	

**Table 11. Web Server Platform**

Web Server	Version	Tested Version
Microsoft Internet Information Services (IIS) on Microsoft Windows	6.0, 7.0, 7.5 (64-bit)	6.0 (64-bit), 7.0 and 7.5 (64-bit)
Apache HTTP Server on RedHat Enterprise Linux 5	2.2.x (64-bit)	2.2.15 (64-bit)

**Table 12. Hardware (minimum)**

CPU	RAM
1 or more CPUs, 2GHz or higher	2GB

**Table 13. Disk Space (minimum)**

Component	Required Space
Relay Server 16.0.0	10MB

## SAP Control Center Requirements

Each host used as a SAP Control Center client must have the required third-party applications installed. SAP Control Center is supported on Windows only.

**Table 14. SAP Control Center**

Software	Version
Adobe Flash Player	10.1 or later, 11.x

## SAP Mobile Platform Runtime Requirements

Software	Version
Internet Explorer	<ul style="list-style-type: none"><li>• 6.0 (32-bit only)</li><li>• 7.0 (32-bit only)</li><li>• 8.0 (32- and 64-bit)</li><li>• 9.0 (32- and 64-bit)</li></ul> <p>64-bit versions of Internet Explorer 8.0 and 9.0 support only Adobe Flash Player 11.x.</p>

If Adobe Flash Player is not installed when you connect to a SAP Control Center server, you may see a message with a link to "Get Flash."

If an outdated version of Adobe Flash Player is installed, you may see a blank page in the browser.

SAP Mobile Platform installation media includes an installer for Adobe Flash Player in the top-level `3rdParty` folder.

## Supported Afaría Versions

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Each Afaría® server host must meet the requirements for operating system, hardware, and available disk space. See the Afaría documentation for system requirements.

SAP Mobile Platform supports Afaría Server 7 SP1, Hot Fix 8.

## BlackBerry Enterprise Server Requirements

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Each RIM BlackBerry Enterprise Server (BES) must meet the requirements for operating system, hardware, and available disk space. See the RIM BES documentation for system requirements.

### *Supported BES Versions*

SAP Mobile Platform supports:

- BlackBerry Enterprise Server v5.0
- BlackBerry Enterprise Server v4.1

### *Network Communication and Push Notifications*

Devices are required to be paired with a BES and have the BlackBerry MDS transport enabled to allow connection with the SAP Mobile Platform Runtime and to receive push notifications.



## Certified LDAP Servers

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LDAP servers certified for use with SAP Mobile Platform.

- Microsoft Windows Server 2008 R2 Active Directory
- OpenDS 2.2 Update 1

## Supported LoadRunner Versions

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LoadRunner must meet the requirements for integration with SAP Mobile Platform LoadRunner Extension.

### Supported LoadRunner Versions

- LoadRunner 11.0

### Supported LoadRunner License Types

- C# script type (Microsoft.NET protocol) license
- Evaluation (10-day trial) license

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**Note:** The LoadRunner evaluation (trial) version is supported for 10 days. This version also supports the C# script type (Microsoft.NET protocol) license, but with a limitation of 25 virtual users. After the evaluation period has expired, you must obtain a full license.

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## Supported Introscope Enterprise Manager Versions

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Introscope Enterprise Managers must meet the requirements for integration with Introscope Agents installed with SAP Mobile Platform.

Introscope Enterprise Managers are components of the SAP Solution Manager that communicate with Introscope Agents provided in the SAP Mobile Platform installation.

The Introscope Agents provided in the SAP Mobile Platform installation support Introscope Enterprise Manager versions 9.1.x or higher.

## Supported SAP Solution Manager Versions

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SAP Solution Manager, used to provide monitoring and support for all SAP products in your landscape, must meet the requirements for and be appropriately configured to integrate with SAP Mobile Platform.

SAP Solution Manager version that supports SAP Mobile Platform:

## SAP Mobile Platform Runtime Requirements

- SAP Solution Manager 7.1 SP08
- SAP Solution Manager 7.1 SP5 (when applying *SAP Note 1762741: Setup for SUP 2.2 with Solution Manager 7.1 SP05*)

You must be an SAP customer to take advantage of the support provided by SAP Solution Manager. Documentation for SAP Solution Manager is provided at *SAP Solution Manager Setup*. For specific SAP Mobile Platform integration information, see *Sybase Unwired Platform 2.2*.

## CTS Requirements

To use the SAP Change and Transport System (CTS) to transport SAP Mobile Platform development artifacts, your landscape must include components that interact with SAP Mobile Platform components.

**Note:** The documented CTS procedures reflect the user interface for SAP Solution Manager 7.1 SP05 with the CTS\_PLUG 200 SP02 version of the CTS+ plug-in.

**Table 15. Transport Management System Landscape Requirements**

Component	Version
SAP Mobile Platform	2.2 or higher
SAP Solution Manager installed on a Windows machine	Either: <ul style="list-style-type: none"><li>• 7.01 SP28 or later, or</li><li>• 7.1</li></ul>
CTS plug-in installed on the SAP Solution Manager, with Solution Manager used as the CTS Domain Controller	<p>From SL Toolset 1.0 SP05 or later. Always use the most current CTS plug-in.</p> <p>Implement SAP Note <i>1682508</i> (login required) on the host of the CTS+ Deploy Web Service. On the SAP help portal, see:</p> <p><a href="http://help.sap.com/saphelp_ctsplug20sm71/helpdata/en/2b/326d6274134cea8b217f24889d19c1/frameset.htm">http://help.sap.com/saphelp_ctsplug20sm71/helpdata/en/2b/326d6274134cea8b217f24889d19c1/frameset.htm</a></p> <p><b>Note:</b> Access to SAP Service Notes requires an account on the SAP Service Marketplace. If you do not have an SAP Service Marketplace account, use the SAP help portal link to access the newest CTS plug-in.</p>

## Supported JDK Versions

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The JDK Version provided with installation is supported.

All SAP Mobile Platform Java components, including the SAP Mobile Platform Management API, require SAP JVM 7, which is provided with the installation.

## Virtual Machine Support for SAP Mobile Platform Runtime

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View information about support for SAP Mobile Platform running in virtualization system environments.

SAP supports SAP Mobile Platform running in a virtualization system environment if:

- The virtualization system environment is officially certified and approved by the corresponding operating system platform vendor.
- The operating system running in the virtual machine is officially certified by SAP.
- The real hardware resources within the virtualization system are properly sized according to the virtualization system vendor's recommendation and properly managed so that it is not overloaded with other virtualized systems.

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**Note:** If SAP is unable to reproduce an issue, the customer may be asked to reproduce the problem running natively on the certified operating system, without the use of a virtualization system.

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SAP does not guarantee the performance for any SAP products running on virtual machines.

### *Tested Virtualization Environments*

SAP Mobile Platform is tested on virtualization system environments hosted on the following VMWare software versions:

- VMWare WorkStation 8.0.0
- VMWare ESX Server 5.0.0
- VMWare ESX Server 4.1.0
- VMWare ESX Server 4.0.0

Each of the above virtualization system environments has been tested with the following Microsoft Windows operating systems:

- Windows Server 2008 R2 (64-bit)
- Windows 7 Enterprise Edition (64-bit)
- Windows XP Professional (32-bit)

# Supported Enterprise Information Systems and Databases

SAP Mobile Platform supports connections to several types of Enterprise Information Systems and databases, which serve as the back end for mobile applications.

## *SAP Applications*

- SAP Mobile WorkSpace (design-time) – SAP® Java Connector (SAP JCo) 3.0.9
- SAP Mobile Server (runtime) – SAP Java Connector (SAP JCo) 3.0.9
- SAP NetWeaver Gateway 2.0 (with Native OData SDK applications only)
- SAP Data Orchestration Engine (with Mobile Gateway 1.1 SP06)

## *Web Services*

- WS-I Basic Profile 1.1
- RESTful services, XML over HTTP(S) only

## *Java Database Connectivity (JDBC)*

- SQL Anywhere® 11.x, 12.x, 16.x
- Adaptive Server® Enterprise 12.5.x, 15.x
- Microsoft SQL Server 2005, 2008
- Oracle 10g, 11g
- IBM DB2 UDB 9.1

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