



New Features: SAP Mobile Platform SDK

SAP Mobile Platform 3.0 SP02

DOCUMENT ID: DC01991-01-0302-01

LAST REVISED: February 2014

Copyright © 2014 by SAP AG or an SAP affiliate company. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP AG. The information contained herein may be changed without prior notice.

Some software products marketed by SAP AG and its distributors contain proprietary software components of other software vendors. National product specifications may vary.

These materials are provided by SAP AG and its affiliated companies ("SAP Group") for informational purposes only, without representation or warranty of any kind, and SAP Group shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP Group products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP AG in Germany and other countries. Please see <http://www.sap.com/corporate-en/legal/copyright/index.epx#trademark> for additional trademark information and notices.

Contents

- New Features Summary1**
 - SDK Documentation Updates for SAP Mobile Platform 3.0 SP021
- Changes to Documentation3**
 - Supported Versions for SAP Mobile Platform SDK3

New Features Summary

This SAP® Mobile Platform SDK release enhances the open standards-based application development introduced in SAP Mobile Platform previous versions.

SAP Mobile Platform 3.0 SP02 is a support package that provides fixes to the product. You can download SAP Mobile Platform 3.0 SP02 from the Support Portal on Service Marketplace at <http://service.sap.com/support>. You can find installation instructions in the SAP Note for the support package. To access the SAP Note, select the Info link on the package's download page.

SDK Documentation Updates for SAP Mobile Platform 3.0 SP02

SDK documentation has been updated to support fixes made to SAP Mobile Platform 3.0 SP02 . In addition, some existing documentation has been expanded and/or reorganized to provide more complete information and improved access.

Table 1. Documentation Updates to Support Fixes

Component	Update	Location
Kapsel	Added support for Apache Cordova 3.3 for Kapsel applications.	<i>Upgrade: SAP Mobile Platform SDK > Upgrading to Support Package 02 > Running the Support Package Installer > Upgrading Kapsel Applications</i>
Kapsel	When the user forgets their password while unlocking the application, violates a password policy set on the server, or explicitly deletes the registration, the Login plugin's data vault is deleted. When this occurs, the Login plugin sends a notification to the other plugins, and the EncryptedStorage plugin deletes the encrypted storage.	<i>Developer > Kapsel Development > Kapsel Plugins > Using the Logon Plugin > Logon Plugin Overview</i> <i>Developer > Kapsel Development > Kapsel Plugins > Using the EncryptedStorage Plugin > EncryptedStorage Plugin Overview</i>

Component	Update	Location
Kapsel	All Kapsel plugins support Apache Cordova's domain whitelisting model. Whitelisting allows you to control access to external network resources. Apache Cordova whitelisting allows you to whitelist individual network resources (URLs), for example, http://www.google.com .	<i>Developer > Kapsel Development > Kapsel Plugins > Using the Logon Plugin > Logon Plugin Overview</i>
Kapsel	A new progress event is available to allow developers to add UI to display AppUpdate progress to end users.	<i>Developer > Kapsel Development > Kapsel Plugins > Using the AppUpdate Plugin > Kapsel AppUpdate API Reference</i>
Agentry	The Agentry toolkit implements the Exchange Data Model for data synchronization in this release. The Exchange Data Model provides an efficient method for retrieving offline data when users synchronize their clients. Using the Exchange Data Model, you can implement synchronization process that retrieve only the information that has been modified since the last synchronization. This model results in more efficient synchronization for users, and reduces the amount of resources needed by the system as a whole during the synchronization process.	<i>Developer > Agentry App Development > Developing Agentry Apps > Data Synchronization Overview: The Exchange Data Model and</i> <i>Developer > Agentry App Development > Developing Agentry Apps > Object Development Concepts and Considerations > Object Data Synchronization: Fetches</i>
Agentry	The Agentry Editor Production Publish process now produces a zip file that includes associated auxiliary project files, which facilitates the import process to the SAP Mobile Platform Server.	<i>Developer > Agentry App Development > Developing Agentry Apps > Agentry Application Projects: Creating, Managing, and Publishing > Publishing Applications from the Agentry Editor > Publishing to Production</i>

Table 2. Documentation Updates

Update	Location
Upgrading information moved from Installation documentation to separate documentation.	<i>Upgrade: SAP Mobile Platform SDK for Windows</i> <i>Upgrade: SAP Mobile Platform SDK for Linux</i>

Changes to Documentation

Documentation organization is modified to reflect the product structure.

This release of SAP Mobile Platform separates SAP Mobile Platform Server and SAP Mobile Platform SDK, so that each is provided as a separate product. For consistency, the documentation is organized to reflect that separation, with separate documents for SAP Mobile Platform Server and SAP Mobile Platform SDK. Additionally, the content is organized by the key roles of Developer and Administrator. This provides you with comprehensive details for an end-to-end experience that is specific to your role, allowing you to focus on the content that is most important to you.

Troubleshooting and *New Features* are now separate for SAP Mobile Platform Server and SAP Mobile Platform SDK, with content that is specific to the experiences for each product.

Supported Versions for SAP Mobile Platform SDK

Supported Versions for SAP Mobile Platform SDK can now be accessed through the SAP Product Availability Matrix (PAM).

The *Supported Hardware and Software Guide* is no longer included in the core documentation. Supported operating systems, development environments, devices, and third-party compatibility is now accessible from the SAP Product Availability Matrix (PAM) <http://service.sap.com/pam>. Click the **Mobile** link at the top of the page. Scroll to find the appropriate product and version in the product list.

Note: Access to PAM requires an SAP Service Marketplace login. Register for an SAP Service Marketplace login here <http://service.sap.com/request-user>

Additional hardware and software requirements for this SAP Mobile Platform SDK release are accessible through the Product Availability Matrix, but they are maintained in SAP Notes through the SAP Service Marketplace, which also requires a login.

.

- *SAP Note 1890477* lists

Changes to Documentation

- SAP Mobile Platform SDK minimum hardware requirements
- Supported JDK versions
- Virtual machine support.
- *SAP Note 1933857* provides a matrix of supported device operating systems across the SAP Mobile Platform SDK components. Additionally, the devices that have been tested with those operating systems are listed
- *SAP Note 1933862* provides a matrix of all of the 3rd party software versions required for setting up the development environments for each of the SAP Mobile Platform SDK components