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# ORACLE 1Z0-441

Oracle Mobile Development Essentials Certification Questions & Answers

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## Exam Summary – Syllabus – Questions

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1Z0-441

**Oracle Mobile Development 2015 Certified Implementation Specialist**

85 Questions Exam – 66% Cut Score – Duration of 120 minutes

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## Know Your 1Z0-441 Certification Well:

The 1Z0-441 is best suitable for candidates who want to gain knowledge in the Oracle Mobile Application Framework. Before you start your 1Z0-441 preparation you may struggle to get all the crucial Mobile Development Essentials materials like 1Z0-441 syllabus, sample questions, study guide.

But don't worry the 1Z0-441 PDF is here to help you prepare in a stress free manner.

The PDF is a combination of all your queries like-

- What is in the 1Z0-441 syllabus?
- How many questions are there in the 1Z0-441 exam?
- Which Practice test would help me to pass the 1Z0-441 exam at the first attempt?

Passing the 1Z0-441 exam makes you Oracle Mobile Development 2015 Certified Implementation Specialist. Having the Mobile Development Essentials certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

## Oracle 1Z0-441 Mobile Development Essentials Certification Details:

<b>Exam Name</b>	Oracle Mobile Development 2015 Essentials
<b>Exam Code</b>	1Z0-441
<b>Exam Price</b>	USD \$245 (Pricing may vary by country or by localized currency)
<b>Duration</b>	120 minutes
<b>Number of Questions</b>	85
<b>Passing Score</b>	66%
<b>Format</b>	Multiple Choice Questions (MCQ)
<b>Recommended Training</b>	<a href="#">Develop Mobile Front Ends Using Mobile Application Framework</a>
<b>Schedule Exam</b>	<a href="#">Pearson VUE</a>

<b>Sample Questions</b>	<a href="#"><u>Oracle Mobile Development 2015 Certified Implementation Specialist (OCS)</u></a>
<b>Recommended Practice</b>	<a href="#"><u>1Z0-441 Online Practice Exam</u></a>

## 1Z0-441 Syllabus:

Fundamentals	<ul style="list-style-type: none"> <li>- Describe the components of Mobile Suite and Mobile Application Framework (MAF)</li> <li>- Explain key considerations when gathering mobile app requirements and how these considerations impact the architecture</li> <li>- Describe the three mobile architectures and determine which architecture to use based on customer requirements</li> <li>- Explain the service developer and mobile app developer roles</li> <li>- Describe key steps in mobile app development</li> </ul>
Mobile Application Framework (MAF) Data Layer	<ul style="list-style-type: none"> <li>- Describe back-end data scenarios and how they impact the data layer design</li> <li>- Use the data sources and transports supported by MAF</li> <li>- Describe data control concepts</li> <li>- Use service and data objects and bean data controls</li> <li>- Develop apps that consume SOAP web services through data controls and Java APIs</li> <li>- Develop apps that consume REST-XML data through data controls and Java APIs</li> <li>- Develop apps that consume REST-JSON data through data controls and Java APIs</li> <li>- Use local database and data sync extensions to provide offline support</li> <li>- Explain approaches that are used in developing an effective data layer</li> </ul>
Device Services Integration	<ul style="list-style-type: none"> <li>- Describe how MAF apps interact with services</li> <li>- Use the provided mechanisms to invoke device services</li> <li>- Integrate devices in MAF</li> <li>- Integrate apps with contacts, camera and location services</li> <li>- Describe approaches used when working with device services</li> </ul>
Advanced Programming Topics	<ul style="list-style-type: none"> <li>- Implement client-side code to support push notifications</li> <li>- Use URL schemes for inter-application invocation and communications</li> <li>- Use MAF container Java APIs to execute application-level functionality</li> <li>- Extend device services with Cordova plugins</li> </ul>
Back-end Architecture	<ul style="list-style-type: none"> <li>- Explain the core concepts of service mediation</li> <li>- Compare REST-JSON, REST-XML and SOAP protocols</li> <li>- Compare approaches used when securing mobile services</li> <li>- Describe service enrichment</li> </ul>

	<ul style="list-style-type: none"> <li>- Explain techniques used for performance optimization</li> <li>- Describe data transformation and shaping</li> </ul>
Architecture and Structure	<ul style="list-style-type: none"> <li>- Describe the architecture of MAF</li> <li>- Determine which application content type to use</li> <li>- Use navigation and UI components for MAF and key application artifacts</li> <li>- Setup the application development environment</li> <li>- Configure application-level artifacts such as application ID, navigation bar, springboard and preferences</li> <li>- Create AMX-based features and define feature constraints</li> <li>- Create local HTML-based features and add custom HTML files to features</li> <li>- Create remote URL features and define white listing for security</li> <li>- Implement application and feature lifecycle listeners</li> <li>- Design for modularity and reusability in MAF by leveraging application and feature archives</li> <li>- Create application and feature archives</li> </ul>
User Interface (UI) Development	<ul style="list-style-type: none"> <li>- Describe approaches, key design principles and resources that need to be considered when developing an effective mobile UI</li> <li>- Use mobile UI components and patterns</li> <li>- Describe the components of the UI layer and how they work together</li> <li>- Create bounded and unbounded task flows</li> <li>- Use list components to display data collection</li> <li>- Use data components to support data display and data entry</li> <li>- Use Data Visualization components to display charts, graphs and maps</li> <li>- Use layout components to create a tablet UI vs. a Smartphone-optimized UI</li> <li>- Create managed beans and assign appropriate scope for their use</li> <li>- Use bindings and page definitions</li> <li>- Use data change event APIs</li> <li>- Extend UI components with custom and declarative components</li> <li>- Overwrite and extend out-of-the-box CSS styles with style sheets</li> <li>- Explain design considerations for optimal UI performance</li> </ul>
App Security	<ul style="list-style-type: none"> <li>- Describe framework security features</li> <li>- Describe how Mobile Security Suite provides complete security and management</li> <li>- Configure authentication and access control</li> <li>- Configure security polices for SOAP and REST exchanges</li> <li>- Explain the runtime steps that are performed when accessing secured SOAP or REST services</li> <li>- Use advanced security features and social login integration</li> </ul>

	in Oracle Access Manager Mobile and Social Integration - Use mobile application management solutions such as Oracle Secured Enterprise Workspace to manage and secure MAF apps
Testing, Debugging, Configurability and Deployment	- Describe the application deployment lifecycle and the options for distributing mobile apps - Explain how configurability allows application updates to be made without reinstalling the app - Test and debug a MAF app using logs and debuggers - Optimize a MAF app for performance and memory footprint - Prepare a MAF app for distribution - Describe the configurable aspects of an app - Set up server-side services to deliver configuration updates - Explain the differences between distribution through Apple AppStore and Google Play

## Oracle 1Z0-441 Sample Questions:

### Question: 1

In an application created from an application archive, which one of the archives can be extended, but cannot be directly seen?

- a) AMX page source code
- b) Java classes
- c) bounded task flows
- d) unbounded task flows
- e) maf-applications.xml

**Answer: b**

### Question: 2

Identify two use cases that require Java access to a SOAP data control.

- a) client-side caching of data queried from a SOAP service
- b) exposing SOAP header information for edit
- c) adding web service security
- d) mapping a SOAP payload to a custom data object structure on the client side.

**Answer: a, d**

**Question: 3**

A MAF application features a map to allow mobile sales representatives to determine how far away their customers are so they can play for a day in the field.

Identify two actions the application developer must perform to implement the map feature.

- a) Use the sendEmail data control to enable the sales representative to send an email indicating his or her upcoming visit.
- b) Create input text and list fields to allow the sales rep to enter or select their starting address.
- c) Use the device's location as the default center of the map.
- d) Use the startLocationMonitor data control to find the device's geographical location.

**Answer: c, d**

**Question: 4**

You dragged a getPicture camera integration onto your page and forgot to set the value for the source of the image in the wizard.

Where can you update the value of that parameter?

- a) in the AMX component code
- b) in the maf-feature.xml
- c) in the pagedef.xml or binding tab of the AMX page
- d) You must write a managed bean to change this value.

**Answer: c**

**Question: 5**

Which two statements are true about the scope of data control instances in AMX features?

- a) Data control instances have a global scope and can be used to share data state across AMX features.
- b) Data control instances have a per AMX feature scope and cannot be used to share data across features.
- c) Data control instances are in an application scope and can be used to share data between features of any technology.
- d) Data control instances can be used to share data state between views in a bounded task flow.

**Answer: b, d**

**Question: 6**

You are developing the UI pages of your Oracle MAF application and you want the pages to be cross platform-compatible and future-proof from changes to support the updated platforms.

Which is the best content type choice for developing your UI pages in MAF?

- a) Local HTML
- b) Local AMX
- c) Remote URL
- d) Page Fragment

**Answer: b**

**Question: 7**

Which requirement influences your choice of architecture (native, hybrid, or web mobile) for your application?

- a) interacting with REST-enabled back ends
- b) incorporating data from an Oracle Fusion Apps Database
- c) working in a disconnected mode
- d) sending an email

**Answer: c**

**Question: 8**

Your application requires a user preference to allow users to select between displaying Celsius and Fahrenheit temperatures across several MAF features. The user preference will be stored in a managed bean.

Which single scope would be best in this scenario?

- a) applicationScope
- b) backingBeanScope
- c) pageFlowScope
- d) requestScope
- e) sessionScope
- f) viewScope

**Answer: a**



**Question: 9**

Identify the three common tasks required on the back end to support a mobile application.

- a) Service-enable existing systems to support a REST interface.
- b) Rearchitect all existing systems to support mobile apps.
- c) Ensure that the REST services for existing systems handle necessary security protocols.
- d) Plan to secure your REST services as needed.
- e) Rearchitect your current security strategy for your entire enterprise.

**Answer: a, c, d**

**Question: 10**

Identify two properties of an `ams:command` Button.

- a) can have both an Action property and an ActionListener property set
- b) cannot perform navigation to another AMX page
- c) can show text or an icon
- d) can catch a double-click event

**Answer: a, c**

## Study Guide to Crack Oracle Mobile Development Essentials 1Z0-441 Exam:

- Getting details of the 1Z0-441 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the 1Z0-441 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the Oracle provided training for 1Z0-441 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the 1Z0-441 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on 1Z0-441 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

## Reliable Online Practice Test for 1Z0-441 Certification

Make DBExam.com your best friend during your Oracle Mobile Development 2015 Essentials exam preparation. We provide authentic practice tests for the 1Z0-441 exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual 1Z0-441 exam. We guarantee you 100% success in your first exam attempt if you continue practicing regularly. Don't bother if you don't get 100% marks in initial practice exam attempts. Just utilize the result section to know your strengths and weaknesses and prepare according to that until you get 100% with our practice tests. Our evaluation makes you confident, and you can score high in the 1Z0-441 exam.

**Start Online practice of 1Z0-441 Exam by visiting URL**

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