Vendor-Neutral Global IT Certifications

Star Secure Programmer Expert - Android
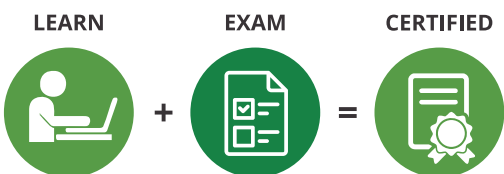
Avoid Bug Remove Vulnerabilities
Implement Secure Practices

SSPE-A

Star   Secure   Programmer   Expert   Android

Exam Code: S09-002

LEARN + EXAM = CERTIFIED

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Star Secure Programmer Expert - Android

Star Secure Programmer Expert – Android is a comprehensive certification training program that teaches you the essentials of secure software development practices in accordance with the most current industry standards. The program teaches you how to perform various tasks and keep your app and user's data secure, detailing about ways to ensure that the app is secure when performing network transactions. The SSPE – A program explains the intricacies of code encryption and decryption, while offering guidelines for implementing permissions and effective identity management. It concludes with a detailed understanding of testing the security measures taken.

The SSPE-A certification program is intended for programmers who are responsible for design and building secure program on Android for mobile apps.

Audience: SSPE – Android assumes that the learner must have a deep knowledge about Android programming, preferably a few years of working experience in Android development.

Course Objectives:

In this course, you will learn about:
* The basics of Android app development and how to secure it
* Android and associated threats
* The Android security architecture
* Mobile application security
* Implementing secure authentication management
* Encryption and decryption of code
* Permissions and identity management
* Securing application data
* Testing for security vulnerabilities

Course Outcome :

After completing this course, you will be able to:
* Understand the threats to Android programming
* Build secure mobile applications
* Employ security features like secure authentication
* Demonstrate how to encrypt and decrypt the code
* Secure application data
* Understand permissions and identity management
* Evaluate applications for finding vulnerabilities

Course Outline :

* Introduction to Star Secure Programmer Expert – Android
* Designing Mobile Application Security
* Android Security Architecture
* Implementing secure interaction with web apps
* Encrypting and Decrypting the code
* Implementing Permissions
* Implementing proper Identity management
* Securing the Application Data
* Testing for security

Exam Information:

Exam Code	:	S09-002	Exam Pattern	:	Multiple Choice
Exam Duration	:	2 Hrs	Exam Delivery	:	AEPTC (ACADEMIC EDUCATION & PROFESSIONAL TESTING CENTER)
Passing Score	:	70%			

Course Duration : 40 Hrs