

CMDSP

Credentialed Mobile Device Security Professional

CMDSP Training Course

CMDSP provides a Mobile IT Administrator the training and knowledge needed to manage an Enterprise's mobile device use. CMDSP individuals are security practitioners who are expert in managing mobile devices so that his/her enterprise can use mobile devices securely without exposing the enterprise to any vulnerabilities.

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CMDSP Course Overview

The Credentialed Mobile Device Security Professional is the Mobile IT Administrator within their respective organization. A CMDSP is an IT security practitioner who is an expert in managing mobile devices so that his/her enterprise can use mobile devices securely without exposing the enterprise to vulnerabilities. Mastering the concepts of this course will give the student a strong understanding of the vulnerabilities and security risks of mobile devices.

The course objective is to prepare IT Professionals to obtain CMDSP certification. The course has a duration of two days and is divided into four domains:

1. Mobile Device Hardware and Industry Overview
2. Mobile Operating Systems
3. Mobile Connectivity and Network Usage
4. Enterprise Mobility Management Strategy

At the end of the course, the IT professional will possess a better understanding of the challenges, solutions, and tools inherent in overseeing the use of mobile devices within their enterprise. Having a strong understanding of the course material should help an IT professional pass the CMDSP certification exam, earning him/her the certificate and credential as an expert on mobile device security.





The Course covers the four CMDSP Domains of Knowledge

1. Mobile Device Hardware and Industry Overview
This is a working understanding of how smartphone and tablet hardware work.
2. Mobile Operating Systems
This is an in depth understanding of the software that is installed and running on a mobile device – this includes operating systems and apps from app stores.
3. Mobile Connectivity and Network Usage
This domain covers all aspects of communication from the device to the outside world – cellular communication, WIFI, Bluetooth, as well as NFC (Near Field communication), and even communication while a mobile device is tethered and cabled to another computer.
4. Enterprise Mobility Management Strategy
This domain covers all the responsibilities and tools necessary to run a Mobile support IT Division within an organization. This includes EMM, MDM, and MAM training.

**CMDSP Course Includes 110 Page
Pupil Study Guide**

CMDSP Test Offered Around the World

The CMDSP test is offered in over 950 locations around the globe. The test is comprised of 85 questions covering the four domains of knowledge. In order to become a CMDSP the candidate must score 74% or higher.

Who Should Take CMDSP Course

Mobile Device Management
Administrators
Network Administrators
Mobility Architects
Security Administrators

\$82,739 Median Average Salary Index for
Enterprise Mobility

Computerworld 2016 forecast has Mobile IT
top 10 hottest skills

70% of all companies have made an investment to
build out Enterprise Mobility



CMDSP Course Syllabus

SECTION 1: Mobile Device Industry/Hardware Overview

- A. Types of Mobile Devices
- B. Hardware Characteristics
- C. Brand Leaders of Mobile Devices
- D. Types of Sensors on Mobile Devices
- E. Types of Mobile Operating Systems

SECTION 2: Mobile Operating Systems

- A. Mobile Software Stack
- B. Application/Operating/Core Service Layers
- C. Security-Android & iOS
- D. Push Notifications
- E. Kernel/Driver Layer

About CMDSP

The CMDSP is an organization whose sole purpose is to develop, grow, and standardize the IT job function for the Mobile IT Systems Administrator tasked with overseeing the growing use of mobile phones and tablets for any enterprise. Enterprise Mobility makes organizations and employees more efficient. CMDSP credentialed Mobile IT Administrators demonstrate to their employers that they can securely manage the mobile devices for enterprise employees.

SECTION 3: Mobile Connectivity and Network

- A. Wi-Fi
- B. Bluetooth
- C. Near Field Communications
- D. Mobile Payment Systems
- E. Cellular Networks/Data
- F. Cellular Roaming
- G. Cellular Generations
- H. Direct Communication

SECTION 4: Enterprise Mobility Management Strategy

- A. Mobile IT Administrator Duties/Responsibilities
- B. EMM Processes/Policies/BYOD
- C. EMM Technology and Services(MDMs)
- D. Mobile Application Management
(MAM, App Stores)
- E. Mobile Content Management
- F. Endpoint Management
- G. EMM Risk Management
- H. Architecture and Deployment Strategies
- I. Monitoring and Remediation

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