Administering DigiCert ONE IoT Trust Manager

Fast Facts

- Virtual Instructor Led Training
- 6 hours lecture
- 6 hours hands-on labs
- 90 minute proctored exam
- DigiCert Solutions Architect Certification

About this course

This course provides a technical overview of the IoT Trust Manager solution. The course covers the various features of IoT Trust Manager, including device provisioning and maintenance. You will learn about creating device records, certificate profiles, and enrollment profiles. You will also take a closer look at the capabilities of various protocols and APIs, as well as the DigiCert Gateway. Finally, you will explore IoT Trust Manager's reporting and logging capabilities.

The hands-on labs provide the opportunity to put theory into practice. The instruction and lab will take approximately 12 hours to complete.

Course Outline

Planning an IoT Trust Manager Deployment	Device Record	Certificates	Enrollment	DigiCert Gateway	Reporting and Logging
• Discuss the goals of an IoT Trust Manager deployment • Explain how devices connect to and interact with IoT Trust Manager • Explain how devices are tracked in IoT Trust Manager • Discuss other services that allow devices to connect to IoT Trust Manager • Discuss how and when devices acquire certificates form IoT Trust Manager • Discuss how DigiCert and IoT Trust Manager interacts with the Supply Chain to secure devices • Explain how devices handle certificate renewals	• Explain what device profiles are and how they are used • Discuss the details stored in the device record • Discuss how the device record allows for tracking of certificates • Explain how the device table accelerates device provisioning • Discuss how to leverage columns and filtering to locate devices • Discuss managing devices through the API • Discuss how IoT Trust Manager search features locate devices	• Demonstrate how a certificate is constructed • Explain the benefits of using certificate templates • Explain how the device table accelerates certificate provisioning • Discuss how to leverage columns and filtering to locate certificates • Discuss managing certificates through the API • Discuss how IoT Trust Manager search features locate certificates	• Explain use cases for Discuss enrollment profiles • Discuss the various methods of enrollment in IoT Trust Manager • Explain how certificate profiles are leveraged by the enrollment process • Discuss the various means of authentication available in IoT Trust Manager • Discuss the passcode table, authentication table, and optional user name requirements • Exlain how to interpret information provided by the Enrollment profile table	• Discuss use cases of the DigiCert IoT Trust Manager Gateway • Explain how the Gateway operates • Discuss High Availability, Redundancy, and Load Balancing • Discuss IoT Trust Manager's implementation of protocols and APIs • Demonstrate the process of registering a DigiCert IoT Trust Manager Gateway	• Discuss IoT Trust Manager's reporting capabilities • Explain how to configure thresholds for alerting of expiring certificates • Discuss IoT Trust Manager's logging feature • Discuss availability of documentation for IoT Trust Manager • Discuss other resources available for configuration and troubleshooting

What is DigiCert University?

DigiCert University is a non-degree granting, online learning portal that offers short online, self-paced and virtual instructor led training covering a variety of digital trust related topics and solutions. DCU offers training for both sales and technical professionals in the security industry.

Who Should Attend

This course will benefit anyone responsible for sales engineering pre-sales support, service deployment planning and implementation, and technical support of digital trust solutions. Participants should have experience performing Microsoft domain administration tasks, basic networking configuration, and have a foundational knowledge of PKI concepts such as cryptography and encryption. Familiarity with the Unix/Linux command line and experience running simple commands is an asset.

Partners seeking to qualify for DigiCert partner program benefits may be required to complete technical certification training depending on their partner tier. Please check with your DigiCert Channel Account manager for details.

Hands-On Experience

The Administering IoT Trust Manager course is augmented by a virtual lab environment. Using a supported, modern browser, participants can access a virtual lab that simulates an enterprise PKI environment. Step-by-step lab instructions guide you through the process of installing and configuring the infrastructure services and then the DigiCert ONE on-premise install.

Complete the Digital Trust Associate certification, as well as Deploying DCONE Core Services, Administering DigiCert Trust Lifecycle Manager, and 2 additional Technical Certification Courses to achieve your Solutions Engineer certification.

Course Registration

Anyone wishing to register for a DigiCert University account and to enroll in sales and technical certification training should email:

DCU_Help@Digicert.com

DigiCert partners can enroll for courses in DigiCert University via the DigiCert Partner Portal. Click on the “Enable” menu option to automatically access your DigiCert University account. Depending on your role you will be enrolled in sales and technical certification courses. Please contact your DigiCert channel account manager for further information regarding course enrollment or sales and technical certification requirements for DigiCert partners.

DigiCert IoT Trust Manager Technical Professional

Earners of the DigiCert IoT Trust Manager Technical Professional certification have hands-on experience planning the deployment and installation of an on-premise public key infrastructure (PKI). They can install and configure the required infrastructure services and install and configure DigiCert ONE core services. They are familiar with the component architecture of the system, can setup a private certificate authority hierarchy and can manage certificate profiles.