

CA Mobile API Gateway 4.1: Foundations 200



PRODUCT RELEASE

CA Mobile API Gateway 4.1

Course Overview

This course aims to provide you with a functional understanding of CA Mobile API Gateway 4.1. You will learn how to prepare for the installation and perform all prerequisites for the product such as installing CA API OAuth Toolkit. You will learn about how CA Mobile App Services extends the capabilities of the product and can easily be added as a solution kit. In addition, you will analyze the included Mobile SDK to begin creating Android or iOS applications. Finally, you will summarize advanced solutions and integrations available for CA Mobile API Gateway, including CA Single Sign-On and CA Advanced Authorization.

Your ability to understand concepts around common IT infrastructure and Linux virtual machines as well as using relational databases such as Lightweight Directory Access Protocol (LDAP) is essential to the success of this course. In addition, you should possess a functional understanding of the CA API Gateway itself. Finally, a strong background in web services, application servers and internetworking concepts will help provide a foundation of learning.

COURSE TYPE, LENGTH & CODE

- Web-based Training (WBT)
- Two (2) Hours
- Course Code: 40MAG20130

PREREQUISITES

- 40API10020: CA API Management: Technical Overview 100
- 40AGW2005S: CA API Gateway v9.3: Foundations 200

What You Will Learn

- Describe the CA Mobile API Gateway prerequisites and considerations before installing the product
- Install and configure CA Mobile API Gateway
- Examine using CA Mobile API Gateway tools
- Analyze the Mobile SDK to create Android or iOS mobile applications
- Summarize advanced solutions and integrations

For Managers

The CA API Gateway product line protects applications exposed as web services, connects applications across security and identity domains, and validates policy compliance end-to-end across a transaction. CA Mobile API Gateway 4.1 (MAG) provides a centralized way to control security and management policies for information assets exposed through APIs to mobile developers and apps.

WHO SHOULD ATTEND

- IT Facility Coordinator
- IT Security Manager
- IT Infrastructure Administrator/Engineer
- Mobile Application Developers and Users

The CA MAG integrates with the CA API Gateway to support mobile applications built against the Mobile Software Development Kit (SDK). A CA MAG Administrator configures MAG policies and assertions through the Policy Manager. An application developer uses the client libraries provided with the Mobile SDK to write secure mobile apps.

RECOMMENDED NEXT COURSES

- 40API30010: CA API Management: Managing Cassandra Connections
- 40API30020: CA API Management: Managing Kerberos Authentication

Course Agenda

Module 1: Manage the Installation of CA Mobile API Gateway	Module 2: Examine Using CA Mobile API Gateway Tools
<ul style="list-style-type: none"> ▪ List the Prerequisites and Considerations for CA MAG ▪ Install the CA OAuth Toolkit ▪ Install CA Mobile API Gateway ▪ Perform Required Post-Installation Tasks ▪ Discuss the Amazon Cloud Offerings ▪ Install the Optional CA Mobile App Services Solution Kit 	<ul style="list-style-type: none"> ▪ Use the CA MAG Manager ▪ Describe Apple and Android Push Notifications ▪ Initialize the Mobile SDK ▪ Define Dynamic Client Configuration ▪ Install and Configure CA Mobile Developer Console
Module 3: Analyze Mobile SDK Authentication and Authorization	Module 4: Configure CA Mobile App Service Policies
<ul style="list-style-type: none"> ▪ Customize Mobile Single Sign-On ▪ Configure Geolocation Support ▪ Analyze One-Time Password Policies ▪ Enable Proximity Login and Communication ▪ Implement Social Login Protocols and Policies 	<ul style="list-style-type: none"> ▪ Configure Messaging, Publication, and Subscription Policies ▪ Modify and Customize Local and Cloud Storage Policies ▪ Describe Identity and User and Group Policies



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Module 5: Summarize Advanced Solutions and Integrations

- Integrate with CA Advanced Authentication
- Interface with CA Single Sign-On
- Describe Support for Samsung SDS Nexsign
- Integrate with Amazon Web Services IoT



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