

CA API Developer Portal 4.2: Foundations 200



PRODUCT RELEASE

CA API Developer Portal 4.2

COURSE TYPE, LENGTH & CODE

- Instructor-Led Training (ILT) / Virtual Learning (VL)
- One (1) Day
- Course Code: 40APR20031

PREREQUISITES

- 04LSV10060: CA API Technical Overview

WHO SHOULD ATTEND

- API Administrators
 - Application Developers
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Course Overview

This course aims to provide you with a functional understanding of the CA API Developer Portal product. You will follow a fictitious company, Voonair Airlines, as they add the Developer Portal to their environment. You will follow along as the Developer Portal is installed in a virtual lab environment within a Docker container. You will learn about the basic functions of authentication, user management, common administrator responsibilities, API management including publishing, deployment, and application creation. Finally, we will discover the different analytical metrics available for monitoring the portal environment APIs and applications.

What You Will Learn

- How to install and configure CA API Developer Portal
- How to manage users and authentication
- How to manage organizations through account plans
- How to add APIs to the portal for publishing, deployment, and the creation of applications
- How to use analytics to monitor usage of APIs and applications

For Managers

The API Developer Portal enables organizations to onboard, manage and report on third-party developers and the applications that they build against APIs.

Course Agenda

Topic 1: Describe CA API Developer Portal	Topic 2: Describe the Prerequisites and Installation Process
<ul style="list-style-type: none"> ▪ Identify basic functionality of the API Developer Portal ▪ Review the service architecture ▪ Explain basic implementation examples 	<ul style="list-style-type: none"> ▪ Identify API Developer Portal installation prerequisites ▪ List port specifications ▪ Review database options ▪ Discuss the available installation methods ▪ Describe the container installation procedures and process ▪ Review the troubleshooting process and options
Topic 3: Define User Authentication	Topic 4: Examine CA API Developer Portal Administrator Tasks
<ul style="list-style-type: none"> ▪ Identify user authentication options ▪ Identify external identity providers ▪ Review attributes of LDAP and SSO support 	<ul style="list-style-type: none"> ▪ Review creating and enrolling external tenants ▪ Configure user registration ▪ Specify terms of use ▪ Enable and manage third party registration ▪ Review user roles and the tasks associated with each role ▪ Customize the portal appearance
Topic 5: Create Account Plans and Manage Organizations	Topic 6: Manage APIs
<ul style="list-style-type: none"> ▪ Create and manage account plans ▪ Assign private APIs ▪ Create and manage organizations 	<ul style="list-style-type: none"> ▪ Browse APIs through use of the catalog ▪ Publish APIs ▪ Identify deployment types ▪ Identify troubleshooting information ▪ Create and manage API EULAs ▪ Manage API lifecycles and states ▪ Create and manage policy templates



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- Identify use of API groups
- Review the portal authorization API
- Review the login API
- Review the portal API

Topic 7: Examine CA API Developer Portal Developer Tasks

- Manage Developer accounts
- Explore using the API Catalog
- Manage applications

Topic 8: Analyze Data

- Explore dashboard actions
- Review analytics for APIs, applications, errors and latency
- Review the portal metrics API



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