

# CA Live API Creator 4.1: Foundations 200



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## PRODUCT RELEASE

CA Live API Creator 4.1

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## COURSE TYPE, LENGTH & CODE

- Web-Based Training (WBT)  
Two (2) Hours
- Course Code: 40LAC20080

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## PREREQUISITES

- CA API Management: Technical Overview 100

## Course Overview

This course aims to provide you with a functional understanding of the CA Live API Creator 4.1 product. You will learn about the CA Live API Creator components and architecture and will understand the workflow within the product. You will discover how to manage, deploy, and integrate microservices using the capabilities of CA Live API Creator.

You will then be introduced to the type of business logic and events that power this product, which allow for quick and easy deployment of database driven APIs. You will see how to create spreadsheet-like rules that allow API updates to occur without creating complex code or writing involved SQL scripts. Next, you will take what you have learned and apply it to a number of common use cases. Finally, you will learn how to apply data integrity and security and how CA Live API Creator integrates with other CA solutions.

Familiarity of relational databases such as MySQL or Oracle is required. In addition, a strong background in web services, application servers, and internetworking concepts will help provide a foundation of learning.

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## What You Will Learn

- Gain the knowledge and insight into optimally using microservices in today's API environment
- Plan your API projects that are based on the supported relational databases within the product
- Deploy your APIs using customized business logic and events
- Test out your API projects for exploration and debugging
- Manage and secure your implementation using common tasks
- Optimize and extend your APIs by customizing your events with JavaScript
- Understand integration options with other CA solutions

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## WHO SHOULD ATTEND

- IT Facility Coordinator
- IT Security Manager
- Infrastructure Engineer
- Implementation Consultant
- Database Administrator
- API Owner/Administrator

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## For Managers

CA Live API Creator provides an automated software solution to deploy APIs using relational databases. You can quickly and easily add a database to the product and it will automatically provide RESTful endpoints for each base table, view table, and stored procedure within that database schema. You can then create business logic rules that watch for changes within that database during RESTful updates such as POST, UPDATE, or DELETE and react accordingly: all without writing complex object-oriented programming code or writing complicated SQL scripts or queries.

This course helps students to effectively prepare and implement the installation using supported relational databases. It will show the student how to create the spreadsheet-like rules that watch and react to databases changes during RESTful updates. The student will gain a foundational understanding of the product and will take that knowledge to see solutions to a number of common use cases.

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## RECOMMENDED NEXT COURSES

- Please see <https://learningpaths.ca.com/api-management> for the most updated list of available courses.

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## Course Agenda

### Module 1: Introduction to CA Live API Creator

- Discuss the overview of CA Live API Creator
- Describe the key benefits of using CA Live API Creator

### Module 2: Microservices and CA Live API Creator

- Review the microservice architectural pattern
- Identify methods for building microservices with CA Live API Creator



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<p><b>Module 3: CA Live API Creator Architecture</b></p> <ul style="list-style-type: none"> <li>▪ Describe the CA Live API Creator architecture and the architectural benefits</li> <li>▪ Explain the Different Installation Options</li> </ul>	<p><b>Module 4: Creating APIs</b></p> <ul style="list-style-type: none"> <li>▪ Create API</li> <li>▪ Explore API</li> <li>▪ Secure API</li> <li>▪ Add Reactive Logic</li> <li>▪ Analyze results</li> </ul>
<p><b>Module 5: The Data Explorer</b></p> <ul style="list-style-type: none"> <li>▪ Describe the Data Explorer and its functions.</li> <li>▪ Use the Data Explorer application to view, query and update your table data</li> <li>▪ Use the Data Explorer to make changes to your schema</li> </ul>	<p><b>Module 6: Common Use Cases</b></p> <ul style="list-style-type: none"> <li>▪ Describe the solution to each of the following use cases:             <ul style="list-style-type: none"> <li>• Web/Mobile Application Backend</li> <li>• IoT Backend</li> <li>• Data Processing Systems</li> <li>• System Integration APIs</li> <li>• System Integration Messages</li> </ul> </li> </ul>
<p><b>Module 7: Data Integrity and Security</b></p> <ul style="list-style-type: none"> <li>▪ Implement API security</li> <li>▪ Manage users</li> </ul>	<p><b>Module 8: Integration</b></p> <ul style="list-style-type: none"> <li>▪ Review the Microservice Architecture</li> <li>▪ Manage integration</li> </ul>



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