

# CA Process Automation r4.x: Designer 200




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## PRODUCT RELEASE

CA Process Automation 4.3

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## COURSE TYPE, LENGTH & CODE

- Instructor-led Training (ILT)  
Virtual Learning (VL)
- Three (3) Days
- 88PAM20131

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## PREREQUISITES

- CA Process Automation: Foundations 200
- Familiarity with scripting or equivalent required

## Course Overview

Because most organizations operate in silos, the resulting lack of integration between departments and IT systems prevents many processes from being automated. CA Process Automation is designed to speed the delivery of IT services while helping to remove manual errors. By defining, automating, and orchestrating processes across organizational silos that use disparate systems, CA Process Automation helps improve productivity while also enforcing standards.

The focus of this course is the Designer component. You will be shown how you can quickly create and test new processes using objects from the automation library, which consists of several hundred automation objects. The course also shows you how you can use the graphical UI or scripts to automate new processes and how you can import existing legacy automation scripts into the version-controlled library and reuse them to help speed development. This course spans the various elements of the process development phases. You will implement datasets and expressions, design basic and advanced processes, and implement forms and web services.

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## What You Will Learn

- Improve productivity while enforcing standards across departments by defining, automating, and orchestrating processes across systems.
- Gain insight into best practices for the various phases and steps involved in automating IT processes.
- Explore the key features of the UI that you will use to design, develop, and deploy your automated processes.
- Implement key elements of process design, such as datasets and expressions.
- Gain a deeper understanding of basic process development procedures and use that solid foundation to build additional layers of complexity.
- Design forms at strategic points in your process to enable users to provide input and control the process.
- Implement web services operators, which support calls to remote services using Simple Object Access Protocol (SOAP) or Extensible Markup Language (XML).

- Understanding of web services concepts desirable but not required
- Basic understanding of JavaScript desirable but not required

**WHO SHOULD ATTEND**

- Application Developer
- IT Architect

## For Managers

Without automation, companies are burdened with manual and inconsistent processes that take too long and cause service delivery to be delayed. In this course, your staff will be equipped to improve process design. Rapidly developing and implement processes will help you reduce operational expenses, increase staff productivity, speed IT service delivery, improve service quality, and enforce compliance policies.

**RECOMMENDED NEXT COURSES**

- OnDemand CA Process Automation 4.x: Introduction to Solution Suite 200; 88PAM20120; 2.5 Hours

## Course Agenda

<p><b>Module 1: Explore the UI</b></p> <ul style="list-style-type: none"> <li>▪ Identify the key features of the UI</li> <li>▪ Manage Automation Objects using the library</li> <li>▪ Identify the self-service features</li> </ul>	<p><b>Module 2: Implement Datasets and Expressions</b></p> <ul style="list-style-type: none"> <li>▪ Implement datasets</li> <li>▪ Implement CA Process Automation expressions</li> </ul>
<p><b>Module 3: Design Basic Processes</b></p> <ul style="list-style-type: none"> <li>▪ Design a basic process</li> <li>▪ Implement logical operators</li> <li>▪ Implement looping</li> <li>▪ Implement commonly used operators</li> <li>▪ Implement notifications using Email operators</li> <li>▪ Extract and manipulate process data</li> <li>▪ Divide a process using swim lanes</li> </ul>	<p><b>Module 4: Implement Additional Functionality in Basic Processes</b></p> <ul style="list-style-type: none"> <li>▪ Create child processes</li> <li>▪ Add custom ports</li> <li>▪ Implement exception handling</li> </ul>



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## Course Agenda, (cont'd)

<b>Module 5: Implement Forms</b> <ul style="list-style-type: none"><li>▪ Identify the types of form objects</li><li>▪ Implement an SRF</li><li>▪ Implement an IRF</li><li>▪ Perform user tasks</li></ul>	<b>Module 6: Monitor and Debug Processes</b> <ul style="list-style-type: none"><li>▪ Monitor processes</li><li>▪ Debug processes</li></ul>
<b>Module 7: Implement Web Services and System Functions</b> <ul style="list-style-type: none"><li>▪ Implement web services operators in a process</li><li>▪ Call CA Process Automation web services</li><li>▪ Manipulate XML data</li><li>▪ Implement system functions</li></ul>	



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