



# **DevTest Solutions 9.x Implementation Proven Professional Exam (CAT-581)**

Study Guide  
Version 1.0



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# PROPRIETARY AND CONFIDENTIAL INFORMATION

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## Exam Information

The CA Technologies Certification Program is designed to measure your skills, knowledge, and expertise in managing, administering, installing, configuring and implementing select CA Technologies products for complete and optimized IT solutions. With CA certifications, management teams will have peace of mind that knowledgeable professionals are handling their CA Technologies applications.

Proctored by a third party vendor, KryterionOnline, CA Technologies certifications objectively validate the competencies of a project team – whether that team is your in-house staff, CA Technologies Professional Services, or a CA Technologies partner.

The aim of this document is to help you to prepare for the DevTest Solutions 9.x Implementation Proven Professional Exam. Make sure that you familiarize yourself with the content areas tested. Your best path to success is to attend the exam prep course(s).

You may also find it helpful to review the product documentation at <https://support.ca.com> and to participate in CA Global User Community forums at <https://communities.ca.com>.

The experience gained from taking courses and using the product will help you:

- Gain a comprehensive understanding of the product or solution
- Increase the likelihood of passing the exam on your first attempt

The Exam Experience	Professional Exam Details
<p>You can register to take an online proctored exam from your home or office using Kryterion’s Online Proctoring (OLP) Services, or you can take an on-site proctored exam at a Kryterion testing center. If you choose to take an online proctored exam, you will need Internet access, an external web camera, and a computer that meets specific hardware and software requirements.</p> <p>For answers to frequently asked questions about registering for exams, locations, on-site and virtual proctoring, OLP equipment requirements, cancellation and re-scheduling policies and more, read our FAQs at <a href="http://www.ca.com/us/education/accreditations/certifications/certification-faq.aspx">http://www.ca.com/us/education/accreditations/certifications/certification-faq.aspx</a>.</p> <p>CA employees may also go here for more information: <a href="https://one.ca.com/education/certification">https://one.ca.com/education/certification</a></p>	<ul style="list-style-type: none"><li>▪ Product release: Major release listed in the title; Includes subsequent point releases</li><li>▪ Recertification: There is no annual requirement to recertify for the same release of a product. For each major product release, an updated exam will be available for recertification.</li><li>▪ Number of items = 50</li><li>▪ Item types = Multiple choice, including multiple response questions</li><li>▪ Time to complete test: 90 minutes</li><li>▪ Passing score is 70%</li><li>▪ Attempts Permitted: You may register for your first retake immediately. For subsequent retakes you are required to wait at least thirty (30) calendar days from the date of your last attempt. Read the online <a href="#">FAQs</a> for details.</li></ul>

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Only qualified candidates who demonstrate competency by successfully passing the CA Technologies certification exam will be awarded certification credentials. Prospective certification candidates are encouraged to prepare for the exam using the Exam Study Guide and other materials available on the Certification from CA Technologies [website](#).

To safeguard the integrity of the certification program, CA Technologies requires all candidates to behave in an ethical manner and to comply with the rules of the third-party test center for on-site proctoring and on-line proctoring. The validity of the certification program depends on the exam content remaining secure and undisclosed to other potential certification candidates. CA Technologies will not tolerate cheating, fraud, or misconduct, which includes but is not limited to the following:

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- Obtaining, whether through purchase or otherwise acquiring, unauthorized exam questions from any non-CA website, including brain dump websites
- Acquiring or attempting to acquire exam questions through online communities, chat rooms, screen capture software, forums, and social networking sites
- Acquiring or attempting to acquire exam content through CA Subject Matter Experts, CA Support Staff, or CA Certified Professionals
- Using or attempting to use a proxy to sit for the exam in your place
- Taking or attempting to take an exam for someone else
- Receiving or giving assistance during an exam
- Sharing exam questions or answers with a potential certification candidate
- Violating testing center rules
- Falsifying a diploma or score report
- Using a CA Technologies certification logo or credential to which you are not entitled

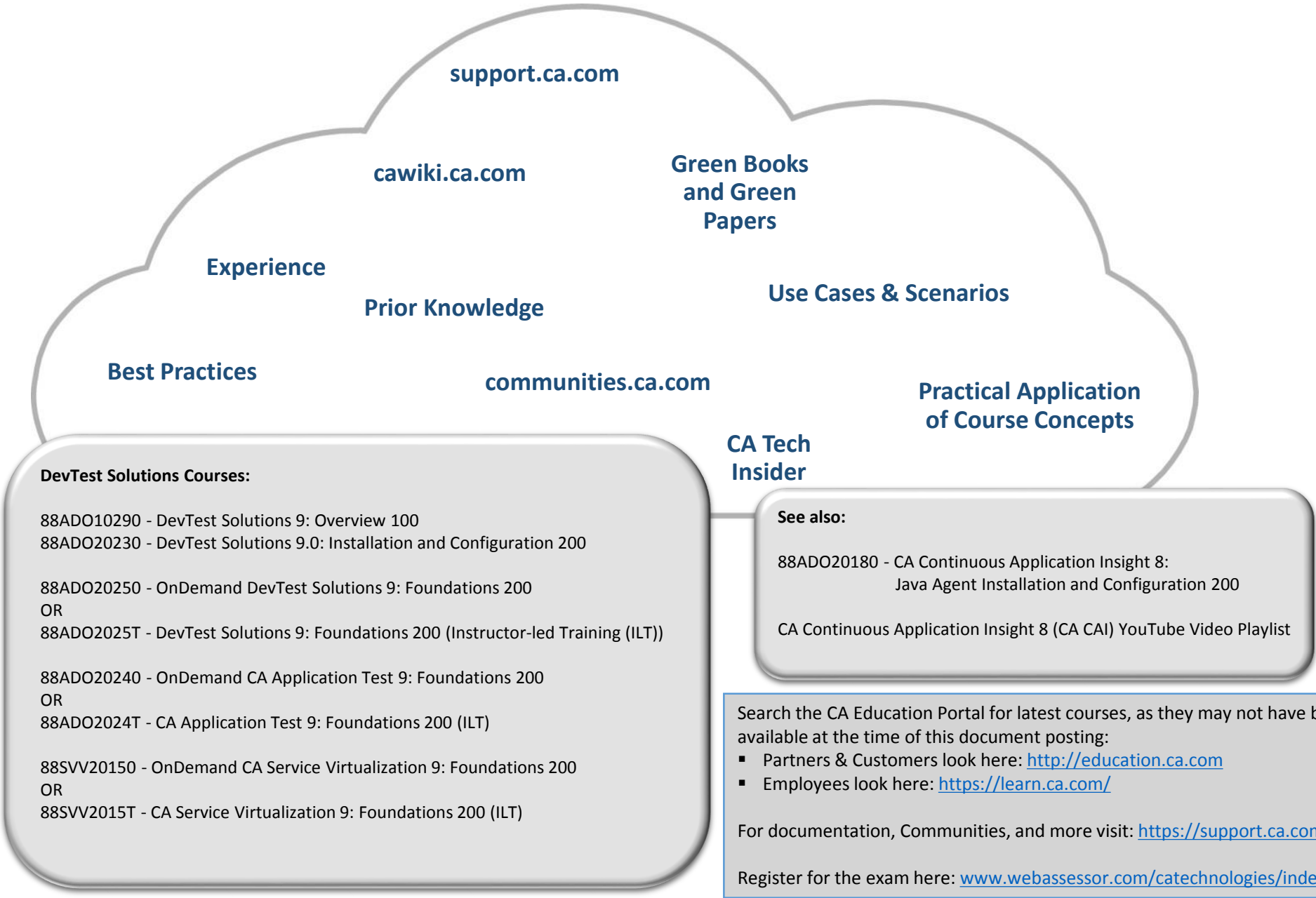
CA Technologies reserves the right to take any actions it deems reasonably appropriate in the case of suspected misconduct or violation of the terms of the Non-Disclosure Agreement, including, but not limited to, cancelling an exam result, revoking exam or certification status, terminating use of the Designation, requiring a candidate to retake an exam, banning a candidate from the certification program, and reporting misconduct to the candidate's employer. CA Technologies considers cheating a serious offense that warrants disciplinary action, up to and including termination of employment.

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## Areas of Study



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## Exam Objectives

Exam objectives as they map to related courseware and the body of knowledge, including percentage of exam devoted to topics.

Exam Objectives	Related Content	Exam Focus
Understanding DevTest Solutions	<b>88ADO10290 DevTest Solutions 9: Overview 100</b> <i>Composite Application DevTest Challenges and Solutions</i> <i>CA Service Virtualization Overview</i> <i>CA Application Test Overview</i> <i>DevTest Solutions 9 New Features</i> <b>88ADO20250 OnDemand DevTest Solutions 9: Foundations 200</b> <i>Identify DevTest Solutions Products and Components</i> <b>Documentation at support.ca.com, Field Experience</b> <i>Licensing and Enterprise Dashboard</i> <i>Sandbox Features</i>	14%
Preparing and Installing DevTest Solutions	<b>88ADO20230 DevTest Solutions 9.0: Installation and Configuration 200</b> <i>Prepare, Download, and Install</i> <i>Configure and Verify</i> <b>Documentation at support.ca.com, Field Experience</b> <i>Upgrade DevTest Solutions from 8.x to 9.1</i> <i>Access Control List (ACL)/User Admin</i> <i>LDAP Integration</i> <i>Adding Functionality/Hot Deployment</i> <i>System Architecture, Processes, and Environment</i>	14%
Accessing Lisa Bank and Forward Cars Applications	<b>88ADO20250 OnDemand DevTest Solutions 9: Foundations 200</b> <i>Access Lisa Bank and Forward Cars Applications</i>	2%
Creating and Managing Projects	<b>88ADO20250 OnDemand DevTest Solutions 9: Foundations 200</b> <i>Create and Manage Projects</i>	2%
Executing a Model with the ITR	<b>88ADO20250 OnDemand DevTest Solutions 9: Foundations 200</b> <i>Execute a Model with the ITR</i>	2%
Configuring Project Configuration Files	<b>88ADO20250 OnDemand DevTest Solutions 9: Foundations 200</b> <i>Configure Project Configuration Files</i>	2%
Creating MAR Files	<b>88ADO20250 OnDemand DevTest Solutions 9: Foundations 200</b> <i>Create MAR Files</i>	2%
Creating a Test Case	<b>88ADO20240 - OnDemand CA Application Test 9: Foundations 200</b> <i>Create a Test Case</i>	2%



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Exam Objectives	Related Content	Exam Focus
Configuring Properties	<b>88ADO20240 OnDemand CA Application Test 9: Foundations 200</b> <i>Configure Properties</i>	2%
Designing Workflows with Filters, Assertions, and Different Step Types	<b>88ADO20240 OnDemand CA Application Test 9: Foundations 200</b> <i>Design Workflows with Filters, Assertions, and Different Step Types</i>	2%
Creating and Invoking a Subprocess	<b>88ADO20240 OnDemand CA Application Test 9: Foundations 200</b> <i>Create and Invoke a Subprocess</i>	2%
Staging and Executing a Test Case	<b>88ADO20240 OnDemand CA Application Test 9: Foundations 200</b> <i>Stage and Executing a Test Case</i>	2%
Staging and Executing a Test Suite	<b>88ADO20240 OnDemand CA Application Test 9: Foundations 200</b> <i>Staging and Executing a Test Suite</i>	2%
Configuring Data Sets	<b>88ADO20240 OnDemand CA Application Test 9: Foundations 200</b> <i>Configure Data Sets</i>	2%
Viewing and Exporting Reports	<b>88ADO20240 OnDemand CA Application Test 9: Foundations 200</b> <i>View and Export Reports</i>	2%
Troubleshooting Test Cases	<b>88ADO20240 OnDemand CA Application Test 9: Foundations 200</b> <i>Troubleshoot Test Cases</i>	2%
Understanding the Fundamentals of Virtual Service Creating and Deployment	<b>88SVV20150 OnDemand CA Service Virtualization 9: Foundations 200</b> <i>Create and Deploy Virtual Service Fundamentals</i>	4%
Creating a Virtual Service with Request/Response Pair Files	<b>88SVV20150 OnDemand CA Service Virtualization 9: Foundations 200</b> <i>Create a Virtual Service with Request/Response Pair Files</i>	2%
Defining Virtual Service Model Steps	<b>88SVV20150 OnDemand CA Service Virtualization 9: Foundations 200</b> <i>Define Virtual Service Model Steps</i>	2%
Configuring Virtual Service Execution Modes and Viewing Details	<b>88SVV20150 OnDemand CA Service Virtualization 9: Foundations 200</b> <i>Configure Virtual Service Execution Modes and View Details</i>	4%
Defining Virtual Service Matching and Responding	<b>88SVV20150 OnDemand CA Service Virtualization 9: Foundations 200</b> <i>Define Virtual Service Matching and Responding</i>	2%
Manipulating Virtual Service Data	<b>88SVV20150 OnDemand CA Service Virtualization 9: Foundations 200</b> <i>Manipulate Virtual Service Data</i>	2%
Understanding Opaque Data Processing (ODP)	<b>Documentation at support.ca.com, Field Experience</b> <i>Describe Opaque Data Processing (ODP)</i>	2%
Maintaining and Troubleshooting a Virtual Service	<b>Documentation at support.ca.com, Field Experience</b> <i>Maintain and Troubleshoot a Virtual Service</i>	2%



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Exam Objectives	Related Content	Exam Focus
Understanding CA CAI and Baseline Test Case Automation	<b>88ADO20180 CA Continuous Application Insight 8: Java Agent Installation and Configuration 200</b> <i>Describe CA CAI Features</i> <i>Describe CA CAI Architecture</i> <b>CA Continuous Application Insight 8 (CA CAI) YouTube Video Playlist</b> <i>Overview of CA CAI 8</i> <i>Environment Introduction: Baseline Test Case Automation with CA CAI 8 - Part 1</i> <i>Filtering Transactions and Creation Options: Baseline Test Case Automation with CA CAI 8 - Part 2</i> <i>Create a Baseline: Baseline Test Case Automation with CA CAI 8 - Part 3</i> <i>Review a Baseline: Baseline Test Case Automation with CA CAI 8 - Part 4</i> <i>Execute Expanded Baselines: Baseline Test Case Automation with CA CAI 8 - Part 6</i> <i>Execute Data-Driven Baselines: Baseline Test Case Automation with CA CAI 8 - Part 7</i> <b>Documentation at support.ca.com, Field Experience</b> <i>Export Transactions for CA CAI</i> <i>Describe CAI Agent Light</i>	22%
Installing and Configuring the DevTest JavaAgent	<b>88ADO20180 CA Continuous Application Insight 8: Java Agent Installation and Configuration 200</b> <i>Install the DevTest JavaAgent</i>	2%





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## Sample Certification Exam Questions

These sample questions are very similar to the questions in the actual exam. Some questions may include several correct options.

Questions	Options
<b>Question 1</b> Which components are part of the CA Service Virtualization architecture? (Choose three)	A. DevTest Registry B. DevTest VSE Server C. DevTest Workstation D. DevTest Coordinator Server E. DevTest Deployment Service
<b>Question 2</b> Why might you run multiple Virtual Service Environment (VSE) servers? (Choose two)	A. To stage multiple instances of Test Runner B. To act as load generators during performance testing C. To divide the workload when many virtual services exist D. To achieve the desired throughput to support performance testing
<b>Question 3</b> You have installed and configured DevTest Workstation on a computer that does not have a DevTest Server installation. After you log in for the first time, you are prompted to specify:	A. a portal that is running on the local computer. B. a Broker that is running on the local computer. C. an Enterprise Dashboard on a remote computer. D. a Registry URL that is running on a remote computer.
<b>Question 4</b> Which utility has similar capabilities to VSE Recorder?	A. VSE Manager B. Server Console C. Service Manager D. Service Image Manager
<b>Question 5</b> For virtual service deployment, supported deployment methods include: (Choose three)	A. The LISA Invoke API 2.0. B. VSE Manager Eclipse Plug-In. C. the VSE Manager command-line tool. D. the Service Manager command-line tool. E. the Service Image Manager command-line tool.
<b>Question 6</b> To deploy a virtual service using the VSEManager CLI, which artifact is required?	A. A raw traffic file B. A Model Archive (MAR) file C. A Virtual Service Image (VSI) D. A Virtual Service Model (VSM)



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Questions	Options
<b>Question 7</b> Where does virtual service execution occur?	A. In the Registry B. On the Simulator Server C. On the Coordinator Server D. In the Virtual Service Environment (VSE)
<b>Question 8</b> The match type setting controls how CA Service Virtualization compares an incoming request with the requests in a service image. Which match type options are supported? (Choose three)	A. Fuzzy B. Exact C. Specific D. Signature E. Operation
<b>Question 9</b> Which statements about DevTest Solutions properties are TRUE? (Choose two)	A. Properties are always local to the model. B. Existing properties can be used in property expressions. C. If you reference a property that does not exist, the model will abort. D. Properties can be used and defined within elements of a workflow model.
<b>Question 10</b> To set extract data from a response and set a property, you would use:	A. filters. B. data sets. C. subprocesses. D. configurations.
<b>Question 11</b> Starting with DevTest Solutions 8.x, licensing requires a license file. This license file is read and evaluated by:	A. DevTest Registry Service. B. DevTest Enterprise Dashboard Service. C. a CA Technologies Sales representative. D. a CA Technologies server on the Internet.



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## Answers

- Question 1 = A, B, and C
- Question 2 = C and D
- Question 3 = D
- Question 4 = D
- Question 5 = A, B, and C
- Question 6 = B
- Question 7 = D
- Question 8 = B, D, and E
- Question 9 = B and D
- Question 10 = A
- Question 11 = B

