CA Test Data Manager 3.x Implementation Proven Professional Exam (CAT-680)

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 prepare for the CA Test Data Manager 3.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
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. 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 http://www.ca.com/us/education/accreditations/certifications/certification-faq.aspx. CA employees may also go here for more information: https://one.ca.com/education/certification	▪ Product release: Major release listed in the title; Includes subsequent point releases ▪ 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. ▪ Number of items = 50 ▪ Item types = Multiple choice, including multiple response questions ▪ Time to complete test: 90 minutes ▪ Passing score is 70% ▪ 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 FAQs for details.

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Exam Security

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:

- Obtaining, whether through purchase or otherwise acquiring, unauthorized exam preparation materials from any non-CA website
- 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

support.ca.com

Experience

Green Books
Green Papers

CA Tech
Insider

Prior Knowledge

Best Practices

communities.ca.com

Use Cases & Scenarios
Practical Application of
Course Concepts

OnDemand CA Test Data Manager 3.x: Overview 100
88TDM10020
2 hours

OnDemand CA Test Data Manager 3.x: Data Profiling 200
88TDM20020
2 hours

OnDemand CA Test Data Manager 3.x:Database Subsetting 200
88TDM20010
2 hours

OnDemand CA Test Data Manager 3.x: Database Masking 200
88TDM20030
2 hours

OnDemand CA Test Data Manager 3.x: Test Matching 200
88TDM20050
4 hours

OR

CA Test Data Manager 3.x: Foundations 200
88TDM2009T
4 days
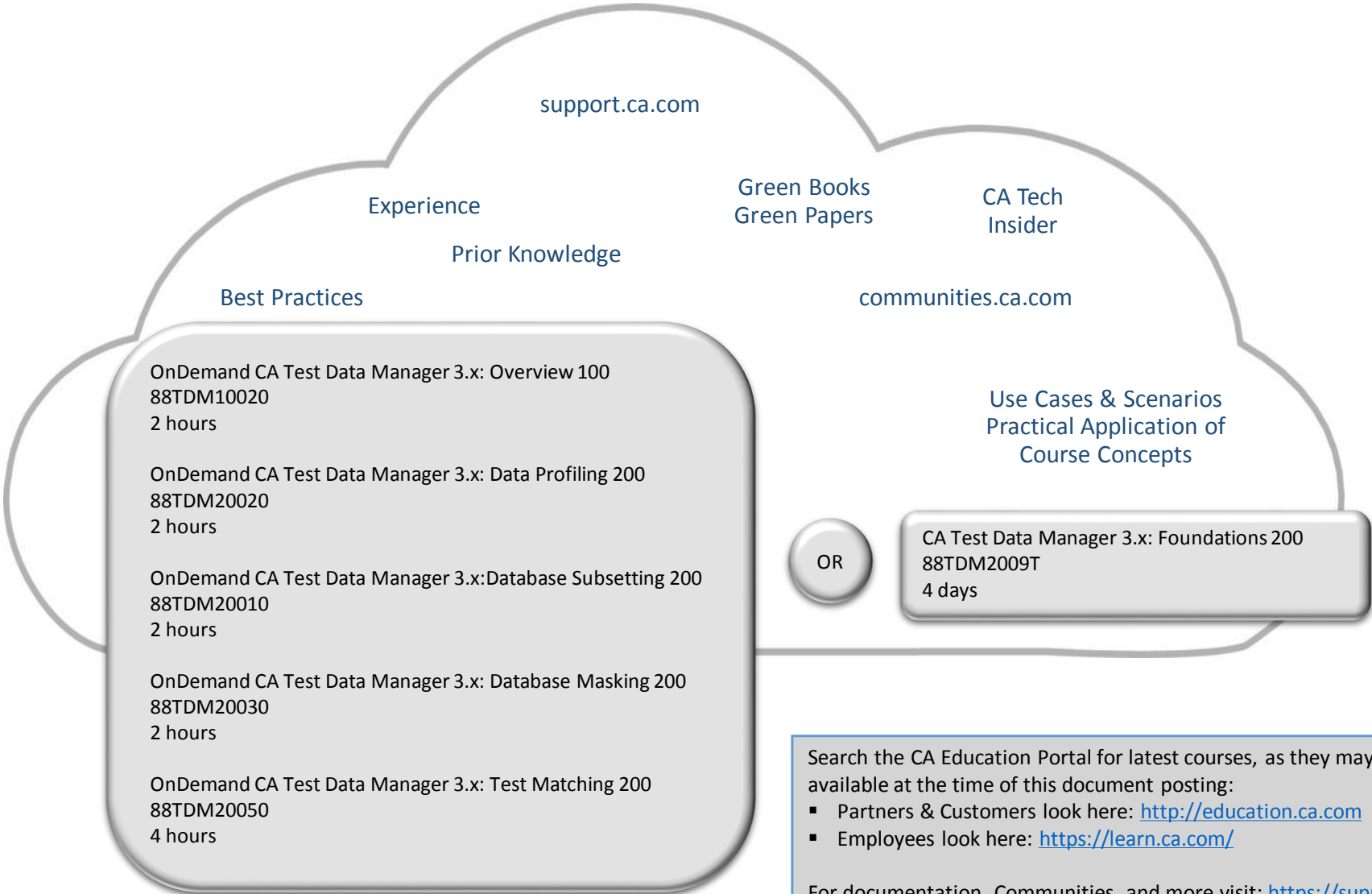
Search the CA Education Portal for latest courses, as they may not have been available at the time of this document posting:
- Partners & Customers look here: http://education.ca.com
- Employees look here: https://learn.ca.com/

For documentation, Communities, and more visit: https://support.ca.com

Register for the exam here: www.webassessor.com/catechnologies/index.html

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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 CA Test Data Manager	**88TDM10020 OnDemand CA Test Data Manager 3.x: Overview 100** *Test Data Manager High Level Overview* • Profiling Data Models • Masking (or Desensitizing) • Test Matching • Test Data Warehouse **Documentation at support.ca.com, Field Experience** *High-level Architecture and Information Flow*	12%
Understanding the Primary Tools	**88TDM10020 OnDemand CA Test Data Manager 3.x: Overview 100** *Initial User Interface Navigation* • Comparison of Source and Target SQL Windows • Executing Data Queries **Documentation at support.ca.com, Field Experience** *Concepts and Features* *Automating CA Test Data Manager Activities*	14%

Managing Projects	**88TDM10020 OnDemand CA Test Data Manager 3.x: Overview 100**
	Initial User Interface Navigation
	• Creating a Project and Registering Data to the Project
	  • Creating a New Project and Version
	  • Adding Data Groups, Sets, and Pools
	  • Registering Data to a Project
		14%

Understanding Data Profiling	**88TDM20020 OnDemand CA Test Data Manager 3.x: Data Profiling 200** *Introduction to Profiling* *Discovering Metadata* *Refining Data Relationships* *Discovering Data Content*	14%
Understanding Database Subsetting	**88TDM20010 OnDemand CA Test Data Manager 3.x:Database Subsetting 200** *Database Subsetting Overview* *Preparing the Subset Schema* *Define the Subset Criteria*	6%

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Exam Objectives	Related Content	Exam Focus
Understanding Database Masking	**88TDM20030 OnDemand CA Test Data Manager 3.x: Database Masking 200** *Set Masking Options* *Audit Masking Routines for Database Updates*	4%
Understanding Test Matching	**88TDM20050 OnDemand CA Test Data Manager 3.x: Test Matching 200** *Create a View for Test Mart* *Build a Test Mart*	4%
Installing CA Test Data Manager	**Documentation at support.ca.com, Field Experience** *Install CA Test Data Manager* *Install Test Data on Demand (TDoD)* *Upgrade Product Components*	8%
Licensing CA Test Data Manager	**Documentation at support.ca.com, Field Experience** *Request and Apply Licenses*	2%
Configuring CA Test Data Manager	**Documentation at support.ca.com, Field Experience** *Remote Engine Configuration* *Group Job Configuration* *Test Data on Demand (TDoD) Service Configuration* *Email Configuration* *Windows Active Directory Configuration* *Repository Configuration* *Fast Data Masker Connection Profile Configuration*	18%
Administering CA Test Data Manager	**Documentation at support.ca.com, Field Experience** *Security*	2%
Troubleshooting CA Test Data Manager	**Documentation at support.ca.com, Field Experience** *Troubleshooting*	2%

Sample Certification Exam Questions

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

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Questions	Options
Question 1 At a high level, CA Test Data Manager provides the functionality to: (Choose two)	A. profile, subset, and mask production data for testing. B. manipulate the data to meet coverage and test matching requirements. C. adjust the virtual service execution mode to a transaction-tracking request. D. simulate unavailable data systems or services to accelerate the development and testing of applications.
Question 2 Which component must be launched from CA Test Data Manager?	A. Data Subset B. Data Profiler C. Data Visualizer D. Fast Data Masker
Question 3 When you are setting up your CA Test Data Manager environment, which factors should you consider? (Choose two)	A. Connections to data sources use ODBC only. B. The central test data repository needs to be an Oracle schema. C. A repository kit provides starter databases that contain a small training project and a starter project. D. The network location for your CA Test Data Manager installation needs to meet data security and network connectivity requirements.
Question 4 Why might a user access the Data Catalog in the CA Test Data Manager Portal?	A. To assign functions to a group B. To obtain test data for test cases C. To take a snapshot of the test mart D. To convert requirements to an optimized set of test cases
Question 5 When you create a project in Datamaker, you can configure advanced options for local settings. Which settings can you configure? (Choose three)	A. The user profile B. The initial catalog C. The file publish DBMS D. The default publish mode E. The default directory for storing generated SQL scripts
Question 6 When you create a project in Datamaker, the default type is DB. Which other types are available?	A. SOAPUI only B. SOAPUI and RESTAPI C. FLAT, RESTAPI, and XML D. MASTER and TESTMATCH

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Questions	Options
Question 7 A colleague, Sue Anderson, indicates that she was unable to delete a project in CA Test Data Manager. Why might Sue be unable to delete the project? (Choose two)	A. The project has not been archived. B. Deletion has been disabled in global settings. C. She does not have the appropriate privileges. D. Various versions exist within the project, which must be deleted first.
Question 8 When you generate a Subset extract from an Oracle database, some artifacts are generated in the specified folder. Which asset types might be generated? (Choose two)	A. An Oracle .dmp file B. A cloning rule .xml file C. One or more batch scripts D. One or more transformation maps
Question 9 After building a transformation map, a best practice is to save the masking rules after the first pass through the tables. When you do this, what are you prompted to create? (Choose two)	A. An options text file B. An export script .bat file C. A mask file in .csv format D. A masked data file in .dmp format
Question 10 When you execute a test match, you can:	A. create a new view. B. select to open reports in a browser. C. identify the data that needs to be masked. D. select a submission method, such as Immediate or Remote. E. select options, such as allowing partial matches, on the Runtime Parameters tab.
Question 11 The GT Server installer:	A. installs most of the CA Test Data Manager components and their prerequisites. B. is a preview feature that enables you to install a database to store product metadata. C. can only be run after you have installed all the prerequisites for CA Test Data Manager. D. can be used to install one or more instances of Fast Data Masker on Windows or Linux computers.
Question 12 If you need to uninstall CA Test Data Manager, which factor should you consider?	A. The recommended practice is to uninstall from the command line. B. Fast Data Masker instances should only be uninstalled from the CA Test Data Manager Portal. C. It is important that you begin by removing the repository database from your database server. D. Each component needs to be removed individually using the Windows Add or Remove Programs dialog.

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Questions	Options
Question 13 After you upgrade CA Test Data Manager, you launch Datamaker. When you attempt to create a repository connection, you realize that you do not have a valid activation key. What should you do?	A. Request a license using a Customer Care Case Request. B. Restart the system, which will enable Datamaker to automatically download a valid key. C. Check if you have a valid key for CA Agile Requirements Designer, which is also used for Datamaker. D. Click Request a Key, which will enable you to continue using all CA Test Data Manager functionality until you receive your new key.
Question 14 When you configure the Remote Publish Engine, what can you specify? (Choose three)	A. Email protocol B. Modeling project C. Granted functions D. Job check frequency E. Datamaker directory
Question 15 Which types of user authentication does Datamaker support? (Choose two)	A. Datamaker authentication B. Active Directory authentication C. Microsoft SQL Server authentication D. Lightweight Directory Access Protocol (LDAP) authentication
Question 16 You are installing an Oracle repository to work with Datamaker in CA Test Data Manager 3.6.x. During repository configuration in Datamaker, you can: (Choose two)	A. select a 64-bit Oracle ODBC driver to connect to the repository. B. use the TNSNAMES entry name to point to the repository instance. C. use the EZConnect string syntax to point to the repository instance. D. connect to the repository database using a 64-bit Oracle Instant Client.
Question 17 When you are upgrading your Datamaker version, which guidelines should you follow? (Choose three)	A. Rename your existing rep.xml file before launching the new version of Datamaker. B. Locate and directly run the repository upgrade scripts that are shipped with the Datamaker installer. C. Execute SQL scripts that upgrade the repository database when you are prompted to do so after you launch the new Datamaker UI. D. Check for and run repository upgrade scripts from the "Repository Maintenance" screen, which you can access using Ctrl+Alt+M.
Question 18 A group named Tester is available by default in the Datamaker UI, which you can copy and edit. Which access functions are assigned by default to the Tester group? (Choose three)	A. Subset B. Test Match C. Publish Data D. Maintain Project E. Tester Self-Service

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Questions	Options
Question 19 In your CA Test Data Manager environment, the Remote Publish Engine is installed under C:\Grid-Tools. By default, where will the log files be located?	A. C:\Grid-Tools\RemotePublish\logs B. %APPDATA%\Grid-Tools\RemotePublish\logs C. C:\Program Files\Grid-Tools\RemotePublish\logs D. C:\Program Files (x86)\Grid-Tools\GTDatamaker\logs
Question 20 You have applied a CA Test Data Manager license key to Javelin. Where is this license information stored?	A. C:\Grid-Tools\TDM_Lic B. %APPDATA%\Grid-Tools C. C:\ProgramData\CA\TDM D. C:\Program Files (x86)\Grid-Tools

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Answers

Question 1 = A and B
Question 2 = B
Question 3 = C and D
Question 4 = B
Question 5 = C, D, and E
Question 6 = A
Question 7 = C and D
Question 8 = A and C
Question 9 = A and C
Question 10 = B, D, and E
Question 11 = A
Question 12 = D
Question 13 = A
Question 14 = A, D, and E
Question 15 = A and B
Question 16 = B and C
Question 17 = A, C, and D
Question 18 = B, C, and E
Question 19 = A
Question 20 = C

Register for the exam:
www.webassessor.com/catechnologies/index.html

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