

COMPTIA DATASYS+

Our Learning Exclusive

- Custom exam prep software and materials
- Exam delivery in classroom with 95% success
- Course specific thinQtank® Learning publications to promote a fun exciting learning
- Extended hours of training including immersive hands-on exercises
- WE DO NOT "TEACH THE TEST" We always deliver valuable hands-on experience
- Receive all reading material and study guides when you register
- All courses taught by expert database professionals

Course Duration

- Five days of instructor-led training
- 70% lecture, 30% practical labs

Prerequisites

- Recommended experience: no prerequisites, with 2–3 years of experience in a database administrator role recommended.

Target Audience

- Database Administrators (DBA): Senior, System, Application, Cloud, Performance DBAs.
- Data Managers: Professionals overseeing data operations.
- IT Professionals: Seeking to transition or advance into data management.
- Aspiring DBAs: Individuals ready to start or progress in database administration.

Exam Information

- D50-001– DataSys+ Exam

Delivery Methods

- Instructor-Led Training
- Immersive Live-Online Training
- On-Site and Custom Delivery

Exclusive Learning Package

- Virtual Machine Build packed with tools and labs
- DataSys+ Video Course
- 200+ videos contained in this product provide students more than 17 hours of instruction
- Print and Digital Courseware

Course Overview

thinQtank® Learning is offering an industry-unique five-day training camp in which students can receive the CompTIA DataSys+ certification. As with all our CompTIA Training Experiences, exams are delivered in the classroom.

CompTIA DataSys+ is a certification designed for professionals with 2–3 years of experience in database administration. It validates the skills needed to deploy, manage, and secure data systems while ensuring business continuity and compliance with industry standards. This vendor-neutral certification equips you with the knowledge to build, support, and maintain databases, implement security best practices, and manage data assets effectively in today's growing and complex data environments.

Skills Learned:

- Understand database structure types and develop, modify, and run SQL code to gather, store, and manage data assets across various operating systems.
- Plan and design databases, implement and test systems, and optimize data deployment processes for effective database deployment.
- Monitor and report on database performance, perform maintenance tasks and create critical documentation to support database management and maintenance.
- Secure databases, protect against attacks, manage authorization, and ensure governance and regulatory compliance to enhance data and database security.
- Prepare for and recover from incidents by implementing disaster recovery, backup, and restoration best practices for database management systems.

Course Objectives

In this CompTIA DataSys+ course, you will learn:

- Database Fundamentals: Understand database structures (relational/NoSQL), design principles, and write/modify SQL code for data manipulation.
- Database Deployment: Learn database planning, implementation, testing, and optimization processes.
- Management & Maintenance: Monitor performance, perform routine maintenance, and create essential documentation.
- Data & Database Security: Implement security measures, manage access, defend against attacks, and ensure regulatory compliance.
- Business Continuity: Develop backup/restore strategies and disaster recovery plans for data systems.

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Course Modules

- Lesson 1: Understanding Database Types and Structures
- Lesson 2: Recognizing Standards and Commands
- Lesson 3: Running Scripts for Data and Data Systems
- Lesson 4: Explaining the Impact of Programming on Database Operations
- Lesson 5: Understanding Database Planning and Design
- Lesson 6: Implementing, Testing, and Deploying Databases
- Lesson 7: Monitoring and Reporting on Database Performance
- Lesson 8: Understanding Common Data Maintenance Processes
- Lesson 9: Understanding Governance and Regulatory Compliance
- Lesson 10: Securing Data
- Lesson 11: Securing Data Access
- Lesson 12: Securing the Database and Server
- Lesson 13: Classifying Types of Attacks
- Lesson 14: Planning for Disaster Recovery
- Lesson 15: Implementing Backup and Restore Best Practices



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