



## MCSA: SQL 2016 Database Administration

Code: 3211

6 days

### Course Overview

The SQL 2016 Bootcamp provides students hands-on experience with SQL Server 2016. The [MCSA: SQL 2016 Database Administration Certification](#) validates your skills with database installation, maintenance, configuration, and provisioning tasks, and will qualify you for a position as a database administrator or infrastructure specialist.

The boot camp will highlight what is new in SQL Server 2016 in comparison to SQL Server 2012/2014 . It provides guidance on installing, configuring, and maintaining SQL Server 2016

#### **This course incorporates content from Microsoft Official Courses (MOC):**

- Administering a SQL Database Infrastructure (20764B)
- Provisioning SQL Databases (20765B)

#### **Included are Two (2) Microsoft Exam Vouchers (Unlimited Retakes):**

- Exam 70-764 Administering a SQL Database Infrastructure
- Exam 70-765 Provisioning SQL Databases

Learn More About the [MCSA: SQL 2016 Database Administration Certification](#)

### Who Needs To Attend

- The primary audience for this course is individuals who administer and maintain SQL Server databases. These individuals perform database administration and maintenance as their primary area of responsibility, or work in environments where databases play a key role in their primary job.

### Course Details

### Topics include

- Microsoft Certified Trainers
- Microsoft Official Course Material
  - Administering a SQL Database Infrastructure (20764B)
  - Provisioning SQL Databases (20765B)
- Exam Voucher(s) Included with Class

- Exam 70-764 Administering a SQL Database Infrastructure
- Exam 70-765 Provisioning SQL Database
- Exam Pass Guarantee: Unlimited Retakes Until You Pass the Exam
- Work in virtual labs that provide real-world experience
- For Virtual Classes Learn at your own pace from your home, office, or any place that has an Internet connection
- Repeat part or all of the class at no additional cost, often for up to a year
- Work in virtual labs that provide real-world experience
- Certification of Completion at the End of Class
- Water, Soda, and Snacks Provided in Class
- Time intensive accelerated training for teams with budget and time
- Access to practice labs after the class

## Topics Include

1. Authenticate and authorize users
2. Assign server and database roles
3. Authorize users to access resources
4. Protect data with encryption and auditing
5. Describe recovery models and backup strategies
6. Backup SQL Server databases
7. Restore SQL Server databases
8. Automate database management
9. Configure security for the SQL Server agent
10. Manage alerts and notifications
11. Managing SQL Server using PowerShell
12. Trace access to SQL Server
13. Monitor a SQL Server infrastructure
14. Troubleshoot a SQL Server infrastructure
15. Import and export data
16. Provision a Database Server
17. Upgrade SQL Server
18. Configure SQL Server
19. Manage Databases and Files (shared)