McAfee™

McAfee Database Security Administration

McAfee® Education Services Instructor-led Training

The McAfee® Database Security Administration course from McAfee Education Services is an essential component to monitor and protect your Database Management System (DBMS). In hands-on lab sessions, you will learn how to deploy and configure a McAfee® Database Security solution to protect your DBMS from internal and external threats and even intra-database exploits. You can immediately apply your new skills to improve protection for your business and take full advantage of your investment in our McAfee® Database Security solution.

Earn up to 16 CPEs after completing this course.*

* Student must self-report for CPE credits. We cannot guarantee any specific quantity, as it is up to the program or certification group to determine what they will or will not accept.

Course Goals

- Planning the deployment
- Installing and configuring database security
- Managing users and resources
- Managing alerts
- Analyzing and responding to threats
- Tuning your security policies for maximum effectiveness

Audience

System administrators, security personnel, auditors, and/or consultants concerned with system security should take this course.

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COURSE DESCRIPTION

Agenda at a Glance—8 hours/day

Day 1
- Welcome
- Databases Overview
- Database Security Concerns
- Product Overview
- Installation
- Advanced Enterprise Configurations
- User Rights and Roles Management

Day 2
- Monitoring Database Activities
- Alert Features
- Vulnerability Scanning
- Reporting and Dashboard Features
- Integrations and Advanced Analysis
- Maintenance
- Troubleshooting

Recommended Pre-Work

It is recommended that students have a working knowledge of Microsoft Windows administration, system administration concepts, a basic understanding of computer security concepts, and a general understanding of internet services.

Learning Objectives

Welcome

The first module provides an overview of course design, logistics, and helpful resources, as well as the opportunity for the instructor to learn about you and your training expectations.

Databases Overview

Describes the different types of databases.

Database Security Concerns

Describes possible vulnerabilities of a database and options for securing databases.

Product Overview

Describes how McAfee Database Security works and the architecture and component roles.

Installation

List installation requirements for McAfee Database Security Server and validate supported databases and operating systems.

Advanced Enterprise Configurations

Describes how to configure McAfee Database Security in a cluster and benefits of optional integration points

User Rights and Roles Management

Describes how to assign different levels of permissions to different administrators by assigning each administrative user to a specific role.

Monitoring Database Activities

Describes how McAfee® Database Activity Monitoring makes it easier to demonstrate compliance to auditors and improve critical asset data protection.

Alert Features

Describes how to create alerts and view alerts.

Vulnerability Scanning

Describes how to configure vulnerability assessment scans for the database to identify a wider range of risks, such as weak passwords or missing patches.

Reporting and Dashboard Features

Describes how to review properties displayed on the McAfee Database Activity Monitor dashboard.

Integrations and Advanced Analysis

Describes advanced analysis such as XML API configuration and more.

Maintenance

Describes database maintenance such as archiving alerts and more.

Troubleshooting

Provides basic troubleshooting techniques of McAfee Database Security Sensor and McAfee Database Security Server.

Learn More

To order, or for further information, please email SecurityEducation@mcafee.com.

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