Trellix

Database Security Administration Course

## Education Services Instructor-led Training

Introduction

The Database Security Administration course from Education Services is an essential component to monitor and protect the Database Management System (DBMS). In hands-on lab sessions, you will learn how to deploy and configure a Database Security solution to protect Database Management System (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 Database Security solution.

In this course, you will learn how to deploy and configure a Database Security solution to protect Database Management System (DBMS) from internal and external threats and even intra-database exploits.

Audience

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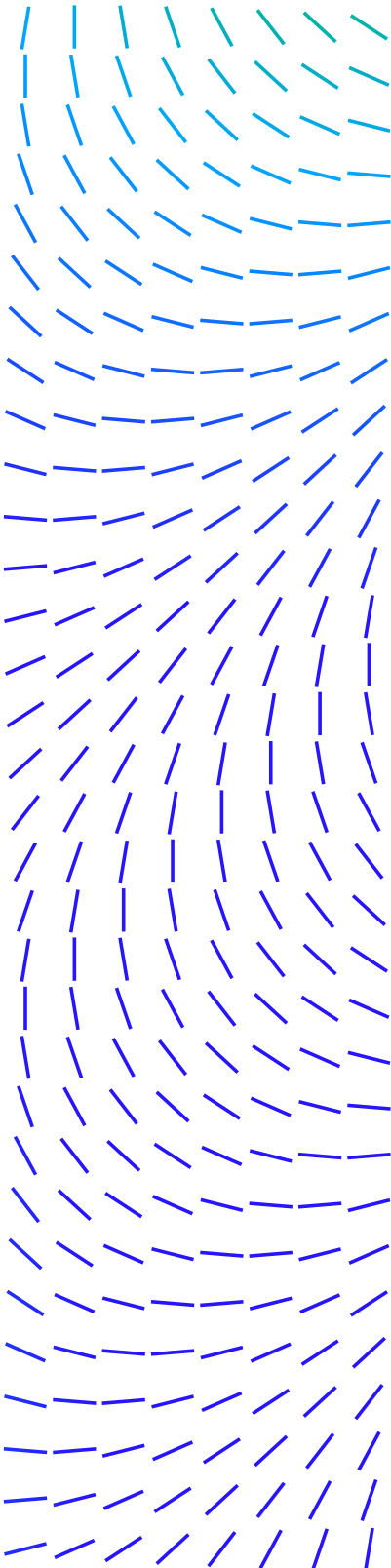
Course Goals

· Planning the deployment

· Installing and configuring the Database Security

· Managing users and resources

· Managing alerts

· Analyzing and responding to threats

· Tuning your security policies for maximum effectiveness

Agenda At A Glance

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.
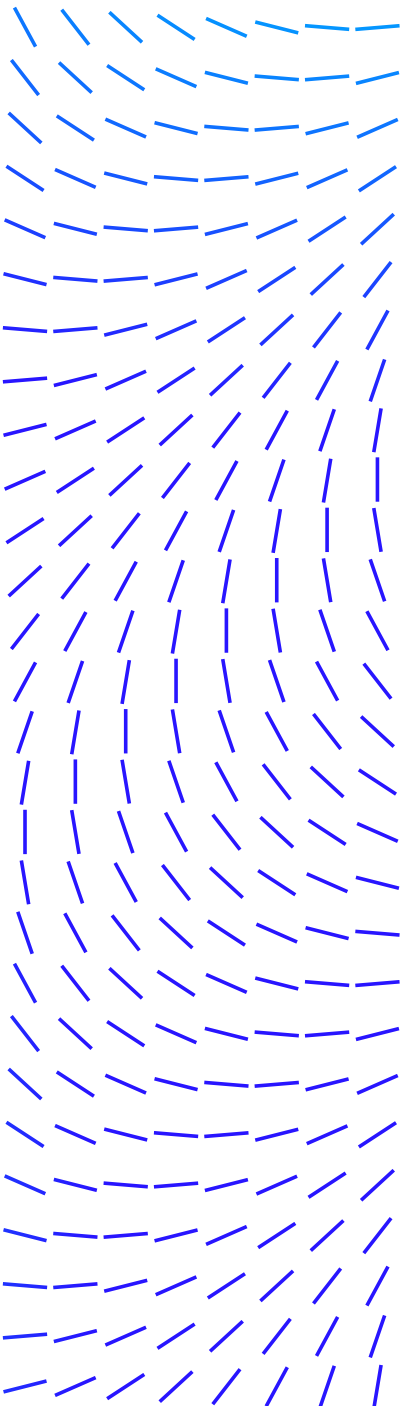
Course Learning Objectives

Welcome

The first module provides an overview of course design, logistics, and helpful resources, as well as provides 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 Database Security work and product architecture and component roles.

Installation

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

Advanced Enterprise Configurations

Describes how to configure 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.
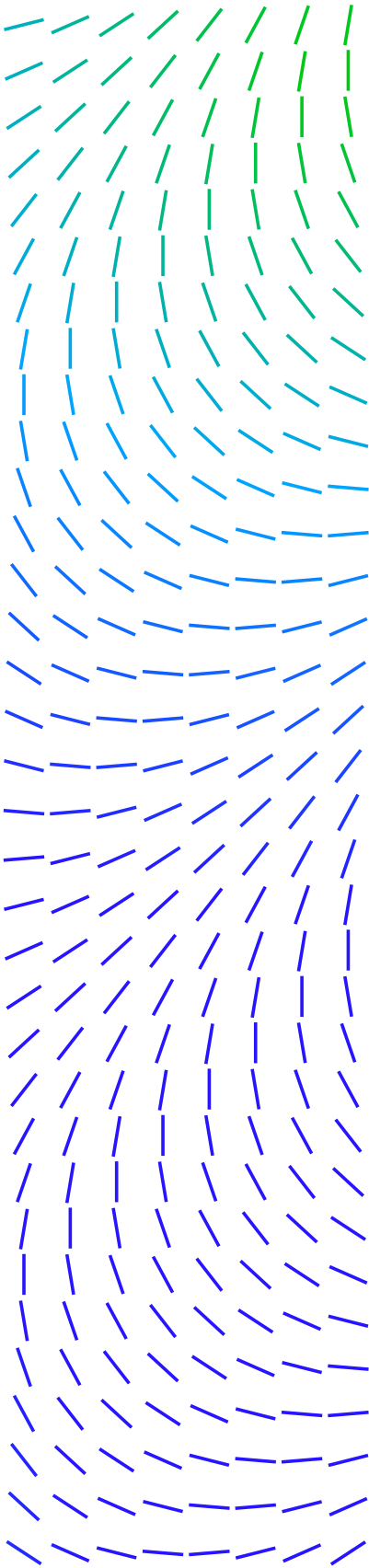
Monitoring Database Activities

Describes how 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 Database Activity Monitor (DAM) Dashboard.

Integrations and Advanced Analysis

Describes the advanced analysis such as XML API configuration so on.

Maintenance

Describes the Database maintenance such as Archiving alerts so on.

Troubleshooting

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