BeyondTrust Password Safe Administration

Course outline

Module 1: Introduction to BeyondTrust Password Safe

Module 1: Introduction to BeyondTrust Password Safe provides an overview of the BeyondTrust Password Safe Administration course. It covers the basics of the BeyondTrust Password Safe platform, including its features, benefits, and how to use it to securely store and manage passwords. It also provides an introduction to the administrative console and how to configure and manage the system.

Lessons

- Overview of BeyondTrust Password Safe
- Understanding the Architecture of BeyondTrust Password Safe
- Configuring and Managing Users in BeyondTrust Password Safe
- Setting Up and Managing Password Vaults
- Securing Access to Password Vaults
- Automating Password Management with BeyondTrust Password Safe
- Troubleshooting and Maintaining BeyondTrust Password Safe
- Best Practices for BeyondTrust Password Safe Administration

After completing this module, students will be able to:

- Understand the basic concepts and features of BeyondTrust Password Safe
- Create and manage user accounts and passwords
- Configure and manage access control policies
- Utilize the reporting and auditing capabilities of BeyondTrust Password Safe

Module 2: Installing and Configuring BeyondTrust Password Safe

Module 2 of the BeyondTrust Password Safe Administration course covers the installation and configuration of the BeyondTrust Password Safe software. It provides an overview of the installation process, as well as instructions on how to configure the software for optimal security and performance. It also covers topics such as user management, password policies, and audit logging.

Lessons

- Overview of BeyondTrust Password Safe
- Installing BeyondTrust Password Safe

- Configuring BeyondTrust Password Safe
- Managing Users and Groups in BeyondTrust Password Safe
- Securing BeyondTrust Password Safe
- Troubleshooting BeyondTrust Password Safe
- Best Practices for BeyondTrust Password Safe Administration
- Automating BeyondTrust Password Safe Administration
- Integrating BeyondTrust Password Safe with Other Applications
- Auditing BeyondTrust Password Safe Usage

After completing this module, students will be able to:

- Understand the architecture and components of BeyondTrust Password Safe
- Install and configure BeyondTrust Password Safe
- Create and manage user accounts and passwords
- Troubleshoot and resolve common issues related to BeyondTrust Password Safe

Module 3: Managing Users and Groups

Module 3 of the BeyondTrust Password Safe Administration course covers the fundamentals of managing users and groups. It provides an overview of user and group management, including how to create, modify, and delete users and groups, as well as how to assign permissions and roles. Additionally, the module covers how to use the Password Safe API to automate user and group management tasks.

Lessons

- Overview of User and Group Management
- Creating and Managing Users
- Creating and Managing Groups
- Assigning Permissions to Users and Groups
- Managing User Access to Password Safe
- Troubleshooting User and Group Management Issues
- Best Practices for User and Group Management

After completing this module, students will be able to:

- Understand the different types of users and groups in BeyondTrust Password Safe.
- Create and manage user accounts and groups in BeyondTrust Password Safe.
- Configure user and group access rights and permissions in BeyondTrust Password Safe.
- Utilize the reporting capabilities of BeyondTrust Password Safe to monitor user and group activity.

Module 4: Creating and Managing Passwords

Module 4 of the BeyondTrust Password Safe Administration course covers the fundamentals of creating and managing passwords. It provides an overview of the different types of passwords, best practices for creating and managing passwords, and how to use the Password Safe application to securely store and manage passwords. Additionally, the module covers how to use the Password Safe application to

generate strong passwords and how to securely share passwords with other users.

Lessons

- Introduction to Password Safe
- Understanding Password Safe Security
- Creating and Managing Passwords
- Password Policies and Best Practices
- Password Expiration and Complexity
- Password Storage and Retrieval
- Password Auditing and Reporting
- Troubleshooting Password Safe Issues
- Integrating Password Safe with Other Applications
- Automating Password Safe Administration

After completing this module, students will be able to:

- Understand the importance of creating and managing secure passwords.
- Create and manage passwords using BeyondTrust Password Safe Administration.
- Implement best practices for password security.
- Utilize the features of BeyondTrust Password Safe Administration to protect passwords and other sensitive data.

Module 5: Securing Access to Passwords

Module 5 of the BeyondTrust Password Safe Administration course covers the fundamentals of securing access to passwords. It covers topics such as password policies, authentication methods, and encryption techniques. It also provides an overview of the different types of password management tools available and how to use them to protect sensitive data.

Lessons

- Introduction to Password Security
- Understanding Password Policies
- Implementing Password Best Practices
- Establishing Password Complexity Requirements
- Setting Password Expiration Policies
- Enforcing Password History Requirements
- Utilizing Password Lockout Policies
- Implementing Multi-Factor Authentication
- Securing Access to Passwords with BeyondTrust Password Safe
- Managing Password Safe Users and Groups
- Configuring Password Safe Security Settings
- Auditing Password Safe Access
- Troubleshooting Password Safe Issues

After completing this module, students will be able to:

- Understand the importance of secure password storage and management.
- Implement and configure BeyondTrust Password Safe to meet organizational security requirements.
- Create and manage user accounts and passwords in BeyondTrust Password Safe.
- Monitor and audit user access to passwords stored in BeyondTrust Password Safe.

Module 6: Auditing and Reporting

Module 6 of the BeyondTrust Password Safe Administration course covers the topics of auditing and reporting. It provides an overview of the auditing and reporting capabilities of the Password Safe platform, including how to configure and use the audit log, generate reports, and troubleshoot audit issues. It also covers best practices for auditing and reporting, as well as how to use the audit log to detect and respond to security incidents.

Lessons

- Overview of Auditing and Reporting
- Configuring Auditing and Reporting
- Generating Reports
- Analyzing Reports
- Troubleshooting Auditing and Reporting Issues
- Best Practices for Auditing and Reporting
- Automating Auditing and Reporting
- Auditing and Reporting Security Considerations
- Auditing and Reporting Compliance Requirements
- Auditing and Reporting in Multi-Domain Environments

After completing this module, students will be able to:

- Understand the importance of auditing and reporting in BeyondTrust Password Safe Administration.
- Utilize the auditing and reporting features of BeyondTrust Password Safe Administration to monitor user activity.
- Generate reports to identify potential security risks and compliance issues.
- Analyze audit logs to identify trends and anomalies in user activity.

Module 7: Troubleshooting and Maintenance

Module 7 of the BeyondTrust Password Safe Administration course covers troubleshooting and maintenance techniques for the Password Safe system. It provides an overview of the system's architecture and components, as well as best practices for troubleshooting and maintenance. It also covers topics such as system monitoring, log analysis, and system recovery.

Lessons

- Identifying and Resolving Common Password Safe Issues
- Troubleshooting Password Safe Connectivity Problems

- Maintaining Password Safe Security
- Updating and Patching Password Safe
- Automating Password Safe Maintenance Tasks
- Backing Up and Restoring Password Safe Data
- Troubleshooting Password Safe Performance Issues
- Troubleshooting Password Safe Authentication Problems
- Troubleshooting Password Safe Access Control Issues
- Troubleshooting Password Safe Database Issues

After completing this module, students will be able to:

- Identify and resolve common issues with BeyondTrust Password Safe
- Utilize the built-in diagnostic tools to troubleshoot and maintain the system
- Understand the different types of maintenance tasks and how to perform them
- Implement best practices for system security and performance optimization

Module 8: Advanced Topics in BeyondTrust Password Safe Administration

Module 8 of the BeyondTrust Password Safe Administration course covers advanced topics in BeyondTrust Password Safe Administration. It covers topics such as advanced security settings, user management, and troubleshooting. It also covers topics such as creating custom reports, integrating with other applications, and automating tasks. This module provides an in-depth look at the features and capabilities of BeyondTrust Password Safe.

Lessons

- Configuring Password Policies
- Managing Password Vaults
- Implementing Multi-Factor Authentication
- Integrating with Active Directory
- Automating Password Resets
- Auditing Password Usage
- Securing Password Storage
- Troubleshooting Password Issues
- Leveraging Password Safe APIs
- Deploying Password Safe in the Cloud

After completing this module, students will be able to:

- Understand the advanced features of BeyondTrust Password Safe Administration, such as multi-factor authentication, password policies, and password expiration.
- Configure and manage user accounts, groups, and roles in BeyondTrust Password Safe Administration.
- Implement and maintain secure access control policies for BeyondTrust Password Safe Administration.
- Troubleshoot and resolve common issues related to BeyondTrust Password Safe Administration.