

Firewall Analyzer Training

OEM: ManageEngine • Code: ME-FWANALYZER

COURSE DESCRIPTION

This training is designed to equip users with the knowledge to work with Firewall Analyzer. In this training, you will learn about the best practices that helps you get started with Firewall Analyzer.

AUDIENCE PROFILE

- If you are an IT Manager, Security Manager, Security/ System Administrator, Managed Security Service Provider (MSSP) going to deploy Firewall Analyzer in your environment for firewall monitoring.

PREREQUISITES

- Basic knowledge about the firewalls, security devices is required.

COURSE OBJECTIVES

By the end of this course, participants will be able to:

- Firewall Analyzer training shortens the learning cycle and makes your network staff manage your network more productively right away. At the end of this course you will be able to use Firewall Analyzer to:
- Centrally collect, archive, analyze logs from heterogeneous network security devices - Firewalls, VPNs, IDS/IPS and Proxy servers
- Generate employee internet monitoring reports, bandwidth monitoring reports, configuration change management reports
- Perform end-point security monitoring & analysis, capacity planning, security policy enforcement & firewall audit reporting

COURSE OUTLINE

Module 1: Introduction

- Description of the product
- Main features of the product
- Address the user problem

Module 2: Installing Firewall Analyzer Application

- Check the minimum hardware requirement
- Supported operating systems for deployment
- Supported browsers for user interface
- Ports required for the software's use
- Procedure to install the software
- Install the software as service, application

Module 3: Get Started

- Start the Firewall Analyzer
- Connect to Firewall Analyzer
- Configuring Firewalls to send logs in real time
- Import firewall logs to process

Module 4: Deployment Setup

- Configure users and access levels
- Configure Mail, SMS server

Module 5: Reports

- Types of reports - security, bandwidth, compliance, change, rules, trend
- Create custom report
- Customize existing reports
- Convert the search result as reports
- How to schedule report generation
- How to receive reports via email in various formats
- Use Ask ME to get routine customized reports

Module 6: Compliance Reports

- Security audit report
- Configuration analysis report
- Change management report

Module 7: Advanced Reports

- Application reports
- Used and Unused rules report

Module 8: Connection diagnosis

- Diagnose the live firewall connections

Module 9: Alerts

- Create alert profiles
- Get alerts notified via email, SMS
- Run program/ script on alert generation
- Alert Administration

Module 10: Search

- Simple search
- Advanced search for forensic analysis

Module 11: MSSP Setup

- Set up for MSSP - Rebranding
- Customize the dashboard

Module 12: System Setup

- Configure syslog servers
- Configure Check Point firewalls
- Configure working hours
- Customize the reports view
- Configure DNS Settings
- Configure firewall credentials and profiles

Module 13: Admin Setup

- Classify protocols into protocol groups
- Configure internal networks
- Enable external user authentication
- Configuring archive settings
- Email alert when the Firewall Analyzer stops collecting log data
- Access Firewall Analyzer database
- View Firewall Analyzer server details

Module 14: Miscellaneous

- MySQL performance tuning
- Calculate archive and index storage size and plan
- Configuring MS SQL database
- How to migrate from MySQL to MS SQL database and vice versa
- How to export and import report, alert, and filter profiles
- How/ When to use trouble shooting tools in Firewall Analyzer
- Backup and Maintenance tips
- Best Practices