Enterprise Protection / Privacy Accredited Engineer

Overview

The Enterprise Protection/Privacy Accredited Engineer instructor-led course covers the ongoing maintenance of the Proofpoint Protection server. It covers log files, master-agent architecture, patches and upgrades, software internals, system troubleshooting, monitoring, typical maintenance tasks and support issues.

Formats

- Self paced Web-Based Training (WBT)
- Virtual Instructor Led Training (VILT)
- Instructor-led Training (ILT)

Duration

WBT – 6 hours
VILT – four 4-hour sessions
ILT - 2 days

Price

WBT – Free for Proofpoint customers
VILT - $1400 per student
ILT - $2250 per student

Intended Audience

This course is recommended for system administrators, network managers, and information security managers responsible for ongoing management of Proofpoint systems.

Prerequisites

Before attending this course, it is helpful for you to have a basic understanding of the Proofpoint Privacy Suite.

Registration

To register for this course, contact your sales representative, or you can ask us at education@proofpoint.com and we'll forward the message on your behalf.

Course Outline

The following topics will be covered in this course:

Email

- SMTP Protocol
- Sending an email

Architecture

- Proofpoint Protection Server
- Hardware
- Master / Agent Deployment
- Single Appliance
- Simple Cluster
- The Standard Cluster
- Multiple Datacenters
- Multiple Clusters
- Hybrid Deployment
- Physical Appliance Deployment
- Virtual Machine Deployment
- Software Based Deployment
- Alternate Appliance Types

Navigation

- How to navigate the management GUI
- Appliance Administrators

- Delegated Administrators

Filtering

- Filter
- Order of Arrival
- Module Precedence Order
- Delivery Precedence Order
- Filter Data Flow

General Rule Creation

- Policy Routes
- Policy Routes
- Policy Route Example: Direction
- Conditions
- Complex Conditions Combining conditions based on different parts of the message
- Quarantine
- Dispositions
- Create Efficient Rules
- Custom Spam Rules
- Creating Rules
- Tips on Creating Rules
- Dictionaries
- Troubleshooting Rules

Complex Situations

- Splitting the envelope
- Stripping attachments
- Inter-rule communications
- Regular expressions

User Repository

- Introducing Users
- Introducing Groups
- Sub-Orgs
- Roles
- Assigning Attributes for Users and Groups

- Delegated Administration
- Import/Authentication Profiles

Import Profiles

- Importing users
- Authenticating users
- Common user issues

Protection Suite Inbound Protection

Spam Module

- Spam Module Classifiers
- Suspected Spam
- Safe/Block Lists
- Reporting False Negatives and Positives

Virus Module

- Multi-layer Virus Protection
- The Zero-Hour Virus Problem

Targeted Attack Protection

- Targeted Attack
- Process Flow
- Process Flow
- Rewritten URL
- Blocked sites
- TAP in PPS – Dashboard
- Dashboard Overview
- Viewing Timeline Data
- Viewing a Threat
- Drilling Down
- TAP in PPS – Settings
- TAP in PPS – URL Defense
- Rewrite Options
- Rewrite Options
- TAP in PPS – URL Defense

- Attachment Defense

Email Firewall

- Host firewall
- SMTP Rate Control
- SMTP Turbocharge
- Recipient Verification
- Sender Policy Framework (SPF)
- DomainKeys Identified Mail (DKIM)
- Bounce Management (BATV)

Privacy Suite Outbound Protection

Spam/Virus Modules

- Outbound Spam
- Outbound Virus

Regulatory Compliance

- Regulatory Compliance Rules
- Creating Dictionaries
- Using Custom Dictionaries
- Smart Identifiers
- Business Partners
- Transport Layer Security (TLS)

Digital Assets

- Digital Asset Security
- Documents
- Categories
- Digital Asset Rules
- Incidents and Reports

Web Protection

- ICAP Integration

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Encryption

- Proofpoint Encryption
- Recipient Receives Email with Attachment
- Authentication & Decryption
- Authentication
- Key Management
- Message Revocation
- End User Message Revocation
- Proofpoint Encryption Branding
- Allowed Domain List for Secure Reader
- Trusted Partner and Domain Profiles
- Mobile experience

End User Experience

- End User Digest
- Enabling and Configuring Digest Messages
- End User Web Application
- End User Authentication
- Authentication Options

Backup

- Backup and restore of configurations
- Configuration history

Reports

- Types of Reports
- Scheduling and Publishing
- Reporting

Technical Support

- Support business hours
- Priority levels and response
- Using CTS