

LEVEL THREE

PROOFPOINT EMAIL PROTECTION

FORMAT

Instructor Led Training (ILT)

DURATION

ILT: 2.5 days (20 hours total)

PRICE

\$2,400.00

For training at Proofpoint locations
SKU: PP-LEVEL3-PRO-ILT-101

\$12,000.00

For onsite customer training
SKU: PP-LEVEL3-PRO-OS-102

WHO SHOULD ATTEND?

Experienced PPS administrators responsible for ongoing management of Proofpoint Protection Server (PPS) solutions in a large enterprise environment

PREREQUISITES

- Level Two – Email Protection certification or a minimum of 5 years of experience administering PPS
- Experience using basic Unix at the command line and a Telnet client for SSH

REGISTRATION

To register for this course, contact your sales account manager.

This course teaches you advanced settings, recommended configuration, and troubleshooting for PPS solutions. You'll get in-depth knowledge of mail processing, PPS logs, TLS, firewall rules and troubleshooting, envelope splitting, and email authentication. This course is presented using an on-premises environment.

COURSE OUTLINE

Module 1: Mail Processing and Filter

Examine how the filter interacts with incoming messages, interfaces with other processes, and ultimately accepts, rejects or discards messages.

Module 2: Network Configuration

Explore network interface settings on master and agent servers and make modifications as you attach a mail filter agent to a master configuration server.

Module 3: PPS Logs and archive log messages

Module 4: System Settings

Configure system settings, such as creating an SMTP profile for digest messages, implementing group-based routing and look-back hops.

Module 5: TLS

Configure TLS Fallback and implement TLS Encryption.

Module 6: Remote Syslog

Configure remote syslog in on-prem PPS deployment.

Module 7: Email Firewall Rules

Build Email Firewall rules to run against conditions from the connection stage through the end of the message, within recommended configurations. Describe potential issues with some configurations.

Module 8: Parsing PPS Logs

Use examples from real messages in the filter log to explain both how to read the log files and how the filter process works.

Module 9: Email Firewall Troubleshooting

Reinforce understanding of how the filter processes messages and how following best practices helps performance.

Module 10: Spam Detection

Review Spam module recommended configurations and walk through how safelists, blocklists and custom spam rules are executed.

Module 11: Envelope Splitting

Gain hands-on experience with SMTP message flow by sending messages in which envelope splitting occurs.

Module 12: TAP

Describe TAP UD and TAP AD recommended configurations and the results of integrating with Palo Alto WildFire.

Module 13: Email Authentication

Explore how PPS processes email authentication using SPF, DKIM and DMARC.

Module 14: User Import

Explore issues that occur with user imports and user databases after the initial installation.

Module 15: Health Check

Describe and discuss the various recommendations related to the configuration of a PPS Email Protection implementation.

Module 16: Sizing

Discuss the parameters needed when using the PPS sizing tool and the kind of output that can be expected.

ABOUT PROOFPOINT

Proofpoint, Inc. (NASDAQ:PFPT) is a leading cybersecurity company that protects organizations' greatest assets and biggest risks: their people. With an integrated suite of cloud-based solutions, Proofpoint helps companies around the world stop targeted threats, safeguard their data, and make their users more resilient against cyber attacks. Leading organizations of all sizes, including more than half of the Fortune 100, rely on Proofpoint to mitigate their most critical security and compliance risks across email, the cloud, social media, and the web. No one protects people, the data they create, and the digital channels they use more effectively than Proofpoint.combat modern advanced threats.

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