Cisco Firewall Test Drive
Presentation and hands-on workshop

Course Description:
This 1-day technical workshop arms you with everything you need to know about the security market and Cisco’s security solutions. Gain the proper context by understanding how modern hacking techniques have changed security needs in the industry. Then, explore how to stop evolving threats using features like Advanced Malware Protection and Cisco NGIPS. Finally, learn about how to mitigate attacks and perform rapid threat response.

This Test Drive provides an overview of Cisco’s Firewall, dives into common use cases and key features plus an overview of the migration tool. Additionally, we will introduce you to other products in Cisco’s security portfolio, such as SecureX and Secure Network Access (ISE), highlighting how they integrate with the Firewall.

Finally, we will provide a highly interactive lab where you will first play the role of the hacker before stepping back in the role of the defender seeing firsthand the features of the Firewall that protects your network!

Course Length:
One day

Prerequisites:
CCNA Security or equivalent knowledge is strongly recommended.

Who Should Attend:
This is designed for security architects and engineers who are evaluating firewall and security solutions.

Presentation Modules:
1. Introduction to Cisco Security Platform and Cisco Firewall
2. Firewall Use case, Design Considerations
3. What’s new, key features and integrations
4. Tools and Resources
Lab Scenarios:
1: Policy Overview
2: Threat Management
3: Reporting
4: High Availability Configuration (optional)

Learning Objectives:
• Explore major trends in IT security architecture, such as network segmentation and anomaly-based attack detection, and discover how the Cisco security architecture exposes, repels, and contains today’s sophisticated hackers
• Learn the main components of defense of Firewall:
  - Security Intelligence
  - IPS
  - AMP for Network
  - URL filtering
  - DNS inspection and sinkholing
  - Identity firewalling
  - Radware
  - Cisco Threat Response
• Evaluate Cisco security solutions with hands-on labs, including Cisco Secure Firewall and Cisco Identity Services Engine Integration
• Discuss design and configuration options and best practices for Cisco Secure Firewall