



Advanced Training Blades

Learn to stay on top of today's security!

This accelerated 3-day course provides expert instruction plus hands-on lab exercises that teach how to stay ahead of today's sophisticated security threats with four key Software Blades. Learn to address Web 2.0 issues, detect and control data transmission and activate automatic protections for on-going intrusion prevention.

WHO SHOULD ATTEND?

Technical persons who support, install, deploy or administer Check Point Software Blades should attend this course.

This includes:

- System Administrators and Engineers
- Support Analysts
- Network Engineers
- Anyone seeking to extend a Check Point certification

PREREQUISITES

Persons attending this course should have 6 months experience working with Check Point security gateways; CCSA certification or equivalent knowledge, and general knowledge of TCP/IP, Windows and/or Unix, network technology and the Internet.

COURSE OBJECTIVES

- Identify the Application Control Software Blade as part of a total security management solution.
- Identify and address Web 2.0 application access issues including malware threats, bandwidth impact issues and productivity loss
- Identify important aspects of Application Awareness blade management including how to detect and control application usage and educate users
- Monitor all Facebook and Facebook Application traffic in your organization
- Block YouTube and other streaming media applications
- Update your local Application Database with the most recently added data and applications
- View all current activity occurring in the Application Control Rule Base
- Identify the DLP Software Blade as part of a total security management solution
- Identify and address data loss prevention issues, including regulated and non-regulated data types, enforcement options and data loss policy building

- Identify important aspects of DLP blade management including detect and control transmission and educating users
- Identify the IPS Software Blade as part of a total security management solution
- Identify and address strategies for implementing the Check Point Intrusion Prevention software blade including sandbox mode, status at a glance and unified management
- Identify important aspects of IPS software blade management including testing and deployment and activation of protections
- Enable Identity Awareness on a gateway together with Application Control to create policy rules

LAB EXERCISES INCLUDE

- Create a Policy Rule to monitor and block web Application traffic
- Create a Policy Rule that uses Identity Awareness to control traffic
- Modify the user experience by creating customize messaging
- Update the Application Awareness database
- View current Application Awareness Rule Base activity
- Use SmartEvent to view standard report information
- Add an e-mail address for DLP recognition
- Create and define a DLP user group
- Create a specific DLP user exclusion
- View DLP logs in SmartView Tracker
- Define data owners for incident alerts
- Create a DLP rule
- Create a new gateway object with IPS enforcement
- Create an IPS Profile
- Automatically activate protections
- Manually activate protections
- Block malicious IPs
- Configure Application Intelligence protections
- Configure Web intelligence protections

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TRAINING AGENDA

Day 1:

14:00 – 15:30	Introduction to Software Blades and to the 3D concepts
15:30 – 16:15	AppCtrl, IA & URLF - General (Solution Description, Deployment highlights)
16:30 – 17:30	AppCtrl, IA & URLF– Scenario Labs (technical labs to use the product in different scenarios)
17:30 – 18:30	AppCtrl, IA & URLF - Practical exercises (Real Life deployment scenarios)
18:30 – 19:00	Q&A for day 1

Day 2:

9:00 – 10:00	AppCtrl, IA & URLF - Best Practices & Troubleshooting
10:00 – 10:45	IPS - General (Solution Description, Deployment highlights)
11:00 – 12:00	IPS – Scenario Labs (technical labs to use the product in different scenarios)
12:00 – 13:00	IPS - Practical exercises (Real Life deployment scenarios)
13:00 – 14:00	Lunch
14:00 – 15:00	IPS - Best Practices & Troubleshooting
15:15 – 16:00	DLP - General (Solution Description, Deployment highlights)
16:00 – 17:00	DLP – Scenario Labs (technical labs to use the product in different scenarios)
17:15 – 18:00	Q&A for day 2

Day 3:

9:00 – 9:30	AppCtrl, IA & URLF Certification exam
9:30 – 10:00	IPS Certification exam
10:00 – 11:00	DLP - Practical exercises (Real Life deployment scenarios)
11:15 – 12:15	DLP - Best Practices & Troubleshooting
12:15 – 13:15	Lunch
13:15 – 14:00	Q&A in preparation for DLP exam
14:00 – 14:30	DLP Certification exam
14:30 – 15:15	Licensing & Pricing
15:30 – 16:30	Final Exercise
16:30 – 17:00	Training Summary

CERTIFICATION INFORMATION

Successful completion of this course extends CCSA and CCSE R70/71 certifications for one year.

