

Advanced IPS

Course Duration : 24 Hours

Course code : IPS-ADV-R81.x

1. Course Overview

The **Advanced IPS** course focuses on advanced configuration and tuning of Check Point Intrusion Prevention System (IPS). This course helps security professionals detect, prevent, and respond to advanced network attacks while minimizing false positives and performance impact.

2. What you'll learn?

- Advanced IPS concepts
- IPS profile configuration
- Signature management and updates
- IPS tuning and optimization
- Performance impact management
- Monitoring and troubleshooting

3. Target Audience

- Check Point security engineers
- Network security administrators
- Firewall and IPS specialists
- SOC analysts
- Security consultants

4. Pre-Requisites

- Knowledge of Check Point CCSA or CCSE
- Understanding of network security concepts
- Experience with Check Point firewalls

5. Course Content (Modules)

Module 1: IPS Architecture and Deep Dive

- IPS engine overview
- Threat prevention framework

Module 2: Advanced IPS Configuration

- IPS profiles
- Protection settings

Module 3: Tuning and Optimization

- Reducing false positives
- Performance tuning

Module 4: Monitoring and Troubleshooting

- Logs and alerts
- Issue resolution

Module 5: Best Practices and Use Cases

- Real-world IPS deployment
- Security optimization