

# CROSSBEAM TRAINING COURSE DESCRIPTIONS: XOS SPECIALIST (CBS-TRNG-XOS-L1)

This course covers the Crossbeam XOS architecture, features and how to install an X45 or X80. It treats the basic steps involved in setting up a multi security application platform well as an extensive hands-on training to monitor and to troubleshoot the Crossbeam X-Series platforms.

## **COURSE LENGTH:**

3 days.

## **AFTER COMPLETION OF THIS COURSE, YOU SHOULD BE ABLE TO:**

- Describe Crossbeam Solutions architecture and how to deploy its various applications and components.
- Configure and manage security applications on Crossbeam platform.
- Set-up VRRP High availability features on Crossbeam platform.
- Administer and troubleshoot Crossbeam solutions.
- Restore configuration and Upgrade XOS operating system.
- Describe Secure Shore Network Management Systems features.

## **HANDS-ON LABS**

X-series basic configurations.

Setting up all High availability features such as VRRP, physical interface redundancy, application processor module redundancy, control processor Redundancy.

Establishing basic Check Point Security Gateway policies on Crossbeam platforms.

Setting up multi-applications environment such as Firewall, Anti Virus and IDS applications on Crossbeam X-series platforms.

Troubleshooting and debugging the Crossbeam Solutions.

Management of the Crossbeam Solutions (Software upgrade, GUI management).

## **COURSE OVERVIEW:**

### **Day 1:**

Product Overview

Basic Configurations

Graphical User Interface using Element Management System (EMS)

High Availability features

LAB 1: XOS Interview and Interface Redundancy

LAB 2: Dual Box High Availability VRRP Configuration

### **Day 2:**

XOS Flow rules configuration

Applications

System Management and Troubleshooting

LAB 3: Installing Check Point Security Gateway firewall

LAB 4: Increasing Check Point Firewall capacity

LAB 5: Applying Check Point Hot Fixes

LAB 6: Configuring OSPF

### **Day 3:**

Multiple Applications

Maintenance and Operating Systems Upgrade

Network Management System Secure Shore overview

LAB 7: Serialization with Trend Micro IWSS

LAB 8: Parallelization with IBM Provantia

LAB 9: Shar Operating System Upgrade

LAB 10: SecureSure NMS

LAB 11: System disk recovery using Install Server