

CheckPoint CCSA – 12hrs

Higher Certificate in CheckPoint Certified Security Administrator NGX

課程簡介

Cisco Systems 是全球最大的網絡設備生產商，全球電訊公司、銀行、企業、大學和政府機構的網絡設備，無一不採用 Cisco 的產品。而互聯網絕大部份的基礎設備更是採用 Cisco 的產品及技術，根據數字顯示，互聯網上大約 88% 的路由器 (Router) 均來自 Cisco Systems。

由於 Cisco 的 Router 及 Switch 等設備與一般電腦系統操作不相同，故此管理此等設備，便成爲一門專門的學問，透過這課程，學員將學習到網絡的運作原理、交換器及路由器的基本操作，除了理論外，學員更可親身使用真正的路由器上課，絕不是一般培訓中心可比擬。修畢課程後，學員更可考取 Cisco 相關的證書，包括 Cisco Certified Network Associate (CCNA)。

課程目標

本課程針對初級電腦網絡從業員而設，課程將教授學員電腦通訊協定標準，如 OSI model、TCP/IP、LAN/WAN 的設定及分別、Router 及 Switch 的管理及設定等知識。修畢課程學員可學懂建立簡單的以 Cisco 器材爲主的 LAN 或 WAN，並可考取 Cisco 所頒授的國際認證 Cisco Certified Network Associate (CCNA) 及 Cisco Certified Design Associate (CCDA)，藉此認證學員的網絡知識。

課程內容

- ✧ How VPN-1 NGX components and Check Point's Secure Virtual Network Architecture protect critical information assets
- ✧ How to create rules and modify a Security Policy's properties
- ✧ How to use advanced NGX features to minimize the information-security management burden, when working with objects and rules
- ✧ How to use monitoring tools to track, monitor, and account for all connections logged by Check Point components
- ✧ How to protect organizations from known network attacks and entire categories of emerging or unknown attacks, using SmartDefense
- ✧ How to use private IP-address allocation and unregistered internal addressing schemes, to overcome IP addressing limitations
- ✧ How to identify and address NGX security issues, including encryption and Virtual Private Networks
- ✧ How to verify the identity of users logging in to NGX, using NGX authentication schemes
- ✧ How to implement LDAP, and integrate it with NGX SmartCenter Server
- ✧ How to back up critical files and directories, for availability and timely recovery of Security Gateways and SmartCenter Servers