



OVERVIEW

CCNSP is the certification for security professionals from Cyberoam. It is the only Identity-based Security Certification available globally and given the rising criticality of insider threats in enterprises, it brings recognition to the certified professionals' expertise in Identity-based Security, adding immense value to their career.

The CCNSP certification prepares individuals to recognize insider threats and user-targeted external threats while giving them expertise in networking and security fundamentals in addition to the deployment and configuration of Cyberoam Identity-based UTM. The certification is comprehensive and easy to follow with real world scenarios, delivering practical value to security professionals.

The CCNSP training is divided into the following modules.

Module 1: Basics of Networking & Security

- Basics of Security & Unified Threat Management (UTM)
- Trends in Security
- Identity-based UTM

Module 2: Cyberoam Identity-based UTM

- Challenges with Current UTM Products
- Cyberoam's Security Approach
- Layer 8 Firewall
- Identity-based Technology

Module 3: Cyberoam Products

- Cyberoam UTM Appliances
 - Features
 - Appliance Family
- Cyberoam Subscriptions
 - Basic Appliance Solution
 - Subscription Based Solution
 - CR 25i User Licensing
 - Demo V/s Sales Appliance
- Cyberoam Aggregated Reporting & Logging
- Cyberoam Central Console (CCC)
- Cyberoam VPN Client

Module 4: Cyberoam Deployment

- Package Contents
- Factory Default Settings
- Deployment Modes
- Training Lab Setup
- Labs
- Registration

Module 5: Firewall

- Access Control (Local ACL)
- IP Management
- Firewall Management
- Default Firewall Rules
- L2 Firewall support
- Outbound NAT (Source NAT)
- Inbound NAT (Virtual Host)
- Denial of Service (DoS)
- Cyberoam Unified Threat Control under Firewall

Module 6: User Authentication

- Local & External Authentication
- Authentication Settings
- Type of Authentication
- Single Sign On Concept
- Identity Based Policy
- Group Management
- User Management
- Identity Based Firewall
- Traffic Discovery
- Labs

Module 7: Content Filter

- Basics of Content Filter
- Cyberoam Content Filter Features
- Content Filter Categories
- Content Filter Policies
- Custom Category
- Custom Denied Message
- Upgrade
- Safe Search capability to filter Adult Content

Module 8: Gateway Anti-Virus/Anti-Spam

- Gateway Anti-Virus Features
- Basics of Virus / Spyware / Malware / Phishing
- Web Anti-Virus Configuration
- Mail Anti-Virus Configuration
- FTP Anti-Virus Configuration
- Gateway Anti-Spam Features
- Basics of Spam
- Basics of Anti-Spam Technologies
- Cyberoam RPD Technology
- Anti-Spam Policies
- Anti-Spam Rules
- Upgrade
- Reports

Module 9: Intrusion Prevention System

- IPS Basics
- Cyberoam IPS Features
- IPS Signatures
- IPS Policies
- Custom IPS Signature
- Upgrade
- Reports

Module 10: Virtual Private Network (VPN)

- Cyberoam VPN Features
- Cyberoam VPN Technology Comparison
- Cyberoam SSL VPN
- Labs

Module 11: Multilink Manager

- Cyberoam Multilink – An Introduction
- Gateway Management
- Active-Active load balancing and Gateway failover
- Active-Passive Gateway Failover failover

Module 12: Routing

- Basics of Routing
- Cyberoam Routing Features
- Static Routing
- Policy Based Routing
- Source Based Routing
- Dynamic Routing
- Multicast Routing

Module 13: General Administration

- Logging Management
- Report Management
- DNS Management
- Cyberoam Upgrade
- Backup – Restore
- Diagnostic Tools
- Troubleshooting Tools
- Debugging Tools

To register for CCNSP Training, please write to us at training@cyberoam.com