

This course will cover all aspects of CSPFA (PIX) and certification in detail. This course is designed for Systems Administrators, Security Managers and Network Engineers who are planning to deploy Firewall Solutions in the organization various high security firewall solutions for both appliances and software like Netasq (France), Clavister (Sweden) will also be covered with Kaspersky & Content Keeper. The training will be done by Senior Network / WAN engineers with several years of industry experience.

Course Contents

- ☞ Introduction to Firewall & its architecture
- ☞ PIX Firewall models and features
- ☞ NAT, Authentication, Tacacs+
- ☞ Virtual Private Network (VPN)
- ☞ Content Security

**NETWORK SECURITY &
FIREWALL**
CISCO PIX, NETASQ,
CLAVISTER, KASPERSKY,
CONTENT KEEPER

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Course Details

Introduction to Network Security

- › Threats
- › Types of Attacks
- › Security Policy

☛ Cisco PIX

Introduction to Firewalls

- › Types of Firewalls
- › Adaptive Security Algorithm
- › Securing Networks with Firewalls
- › PIX Firewall models and features

PIX Setup

- › CLI configuration from console
- › Configuration with PIX Device Manager

Network Address Translation

- › Static NAT
- › Dynamic NAT
- › Port Address Translation
- › Port Redirection

Authentication, Authorization and Accounting

- › TACACS+

PIX Administration

- › Syslog Server
- › Logging
- › PIX as DHCP Server
- › DHCP Client Setup
- › Password Recovery

Failover (concepts)

- › Supported Platforms
- › Types of failover

VPN

- › Site to Site VPN
- › Remote Access VPN
- › VPN using the PIX Device Manager

☛ Kaspersky Anti-Virus Suite

Introduction to World's leading Antivirus from Kaspersky

☛ Content Keeper (URL Filtering Software)

☛ Netasq - Unified threat management

- › IPS / IPS

☛ Clavister Firewall