

ACSA Training

Arkoon Certified Security Administrator

Prerequisites	good knowledge on TCP/IP, practice on networks (installations of servers, routers, ...) and translations mastering (NAT, PAT, masquerading,...)
Who should take part	Partners and final clients supposed to administrate ARKOON security solutions
Duration	4 days

Course online

General points on firewalls, presentation of Arkoon security solutions

- Presentation of different kinds of firewalls
- FAST technology developed by Arkoon
- Arkoon appliances fonctionnalités
- The range of Arkoon products

Initialization of the firewall and first configuration

Presentation of the Arkoon Manager, Arkoon Monitoring and Arkoon Reporting tools

Flow rules and connection management

- Connection tracking
- ICMP policy management

Translation mechanisms on Arkoon

- NAT - PAT - Masquerading

Bandwidth management

- Backup Internet access, load balancing, service balancing
- Bandwidth limitation (min, max)

HTTP/FTP proxy

- Proxy mechanism
- URL Filtering
 - Authentication on an external server, NTLM configuration

FTP proxy

- Proxy mechanism

SMTP and POP3 proxies

- Proxy mechanism
- Anti-relaying rules
- Content filtering
- Anti-spam rules (DOLPHIAN - DNSBL)

VPN

- VPN LAN-to-LAN
- VPN with a roadwarrior using X.509 certificate or pre-shared key
- Practice with the VPN client MSI SecurityBox

Multi-Arkoons

- Installing a master/slave configuration
- VPN with a master/slave configuration

Installation and maintenance of an Arkoon firewall

- Installation procedures and guidances
- Maintenance and updates
- Problem analysis

SNMP

- Presentation of SNMP protocol
- SNMP agent with Arkoon

Certification

The test is made of multiple choice questions and lasts 60 minutes. The certification sessions regularly take place at Lyon and Paris, as shown in the corresponding planning (go to <http://www.arkoon.net>) and at the end of the Arkoon trainings sessions.

