

# Course : Implementing Secure Solutions with Virtual Private Networks (SVPN) v1.1

Official course, exam preparation 300-730 SVPN

**Practical course - 5d - 35h00 - Ref. AQJ**

**Price : 4440 € E.T.**

With this course, you'll learn how to implement, configure, monitor and troubleshoot enterprise VPN solutions. You'll deploy IPsec, DMVPN, FlexVPN and remote access VPNs to guarantee data security, confidentiality and accessibility via encrypted connections.

## **Teaching objectives**

At the end of the training, the participant will be able to:

- Present the site-to-site VPN options available on Cisco routers and firewalls
- Present the remote access VPN options available on Cisco routers and firewalls
- Examine design options for site-to-site and remote access VPNs
- Review troubleshooting processes for different VPN options on Cisco routers and firewalls

## **Intended audience**

Network security engineers, CCNP Security certification candidates, Cisco partners and customers.

## **Prerequisites**

Mastery of Cisco routers and firewalls, knowledge of control modes and site-to-site and remote access VPNs, acquired via CCNA or SCOR training courses.

## **Practical details**

### **Teaching methods**

Training in French. Official course material in English.

## **Course schedule**

### **PARTICIPANTS**

Network security engineers, CCNP Security certification candidates, Cisco partners and customers.

### **PREREQUISITES**

Mastery of Cisco routers and firewalls, knowledge of control modes and site-to-site and remote access VPNs, acquired via CCNA or SCOR training courses.

### **TRAINER QUALIFICATIONS**

The experts who lead the training courses are specialists in the subjects covered. They are approved by the publisher and certified for the course. They have also been validated by our teaching teams in terms of both professional knowledge and teaching skills for each course they teach. They have at least three to ten years of experience in their field and hold or have held positions of responsibility in companies.

### **ASSESSMENT TERMS**

Assessment of targeted skills prior to training.

Assessment by the participant, at the end of the training course, of the skills acquired during the training course.

Validation by the trainer of the participant's learning outcomes, specifying the tools used: multiple-choice questions, role-playing exercises, etc.

At the end of each training course, ITTCERT provides participants with a course evaluation questionnaire, which is then analysed by our teaching teams. Participants also complete an official evaluation of the publisher.

An attendance sheet for each half-day of attendance is provided at the end of the training course, along with a certificate of completion if the participant has attended the entire session.

## 1 Official program

- Introduction to the fundamentals of VPN technologies.
- Implementation of site-to-site VPN solutions.
- Implementation of Cisco IOS Flex VPN site-to-site solutions.
- Implementation of Cisco IOS GET VPN solutions.
- Implementing Cisco AnyConnect VPNs.
- Implementing clientless VPNs.

## 2 Official practical work

- Explore IPsec technologies.
- Implement and test a Cisco IOS point-to-point VPN.
- Implement and test a point-to-point VPN on Cisco ASA.
- Implement and test a VTI VPN on Cisco IOS.
- Implementing and verifying a DMVPN.
- Troubleshooting DMVPN.
- Implement and test FlexVPN with intelligent default settings.
- Implement and test a point-to-point FlexVPN.
- Implement and test a hub-and-spoke FlexVPN.
- Implement and verify a FlexVPN between sites (Spoke-to-Spoke).
- Troubleshooting FlexVPN Cisco IOS.
- Implement and verify AnyConnect TLS VPN on ASA.
- Implement and verify advanced AAA on a Cisco AnyConnect VPN.
- Implement and test a clientless VPN on ASA.

## Options

**Certification : 350 € HT**

To obtain Cisco Certified Network Professional Security (CCNP Security) certification, you need to pass exam 350-701 SCOR and one of the following exams (your choice): 300-710 SNCF, 300-715 SISE, 300-720 SESA, 300-725 SWSA, 300-730 SVPN, 300-740 SCAZT or 300-745 SDSI.

[Comment passer votre examen ?](#)

The certification option comes in the form of a voucher or invitation that will allow you to take the exam at the end of the training course.

## TEACHING AIDS AND TECHNICAL RESOURCES

The teaching resources used are the publisher's official materials and practical exercises.

## TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training course.

## ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you have specific accessibility requirements? Contact Ms FOSSE, disability advisor, at the following address: [psh-accueil@orsys.fr](mailto:psh-accueil@orsys.fr) so that we can assess your request and its feasibility.