

802.1X

Introduction to 802.1X Operations for Cisco Security Professionals

This course provides students with foundational knowledge in the capabilities and functions of the IEEE 802.1X protocol. It introduces the architecture, components and features of an identity based network designed around the IEEE 802.1X and RADIUS protocols. Students will gain hands-on experience with the environment using a network pre-configured with 802.1X-based network services using the Cisco Identity Services Engine (ISE), Cisco Catalyst switches and Cisco wireless products.

Course Contents

- Describe Cisco TrustSec concepts
- Describe IEEE 802.1X concepts, architecture, and requirements for deployment
- Describe how the RADIUS authentication protocol is used for Cisco TrustSec
- Configure Cisco ISE for 802.1X operation
- Describe IEEE 802.1X supplicants for Microsoft, Apple, and Cisco
- Configure IEEE 802.1X for a wired network
- Configure IEEE 802.1X for a wireless network
- Describe how to provide secure guest access in a Cisco TrustSec network
- Build a high-level design of a Cisco TrustSec network using IEEE 802.1X.

E-Book You will receive the original course documentation from Cisco in English language as a Cisco E-Book. In the Cisco Digital Learning Version, the content of the courseware is integrated into the learning interface instead.

Prerequisites

- Cisco Certified Network Associate (CCNA).
- Attendance of Securing Networks with Routers and Switches (SNRS) or equivalent knowledge.
- Knowledge of Microsoft Windows Server 2008 Active Directory.
- Knowledge of Cisco Wireless LAN Controllers and Lightweight Access Points.
- Knowledge of basic command-line configuration of Cisco Catalyst switches.

Processing time

approx. 18 hours

This Course in the Web



You can find the up-to-date information and options for ordering under the following link:

www.expertech-training.com/go/CS8X

Reservation

On our Website, you can reserve a course seat for 7 days free of charge and in a non-committal manner. This can also be done by phone under +49 6074/4868-0.

Guaranteed Course Dates

To ensure reliable planning, we are continuously offering a wide range of guaranteed course dates.

Your Tailor-Made Course!

We can precisely customize this course to your project and the corresponding requirements.

Cisco Digital Learning

This course is available in the Cisco Digital Learning Library. These recently developed, multi-modal training events include HD videos moderated by lecturers with stored searchable text and subtitles, as well as exercises, labs, and explanatory text and graphics. We provide this offer to you via our myExpertech learning portal. Effective of the activation of the account, access to the courses will be granted for a duration of 6 months. In the case of packet solutions (Cisco Digital Learning Subscriptions), this time period will amount to 12 months.

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Cisco Digital Learning	Prices, excl. of V.A.T.
	€ 200

Training	Prices, excl. of V.A.T.
Classes in Germany	3 Days € 2,395
Online Training	3 Days € 2,395
Dates upon request	

Status 04/14/2023



Our Training Offer for You



Classroom Training

The live training experience in our training centers or on your premises on-site.



Online Training

Attend your course in online mode – without travel and accommodation expenses and effort.



Hybrid Training

Classroom & online in one course – choose how you wish to participate in your training event.



In-house Training

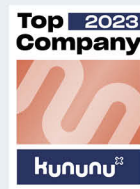
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ExperTeach guaranteed course dates allow for secure and reliable planning.

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