SAUI

Implementing Automation for Cisco Security Solutions

In this course, students will learn how to implement automated security solutions, including programming concepts, RESTful API's, data models, protocols, firewalls, web, DNS, cloud and email security, and Cisco ISE.

The goal of the course is to highlight the tools and benefits of utilizing programmability and automation in Cisco Security Solutions. Platforms studied include the Cisco Firepower Management Center, Cisco Firepower Threat Defense, Cisco ISE, Cisco pxGrid, Cisco Stealthwatch Enterprise, Cisco Stealthwatch Cloud, Cisco Umbrella, Cisco AMP, Cisco Threat Grid, and Cisco Security Management Appliances. In this course, you will learn how to use the API for each Cisco security solution and for specific applications when the API benefits the security contexts.

Course Contents
- Describe the overall architecture of Cisco security solutions and the use of APIs to enable security
- Get to know the use of Cisco Firepower APIs
- Explain how pxGrid APIs work and their benefits
- Understand features offered by Cisco Stealthwatch APIs and API requirements for configuration changes and monitoring purposes
- Describe the features and benefits of using Cisco Stealthwatch Cloud APIs
- Use the Cisco Umbrella Investigate API
- Explain the functionality of Cisco AMP and its APIs
- Describe the use of Cisco Threat Grid APIs to analyze, search for and dispose of threats

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.

Target Group
- Network engineers
- Systems engineers
- Radio engineers
- Network administrators
- Wireless Design Engineers
- Network managers

Prerequisites
- Fundamental concepts for programming languages
- Basic understanding of language virtualization
- Ability to use Linux and CLI tools such as SSH and Bash
- Core networking knowledge at CCNP level
- Knowledge of security networks at CCNP level

The following courses offer good preparation:

- Introducing Automation for Cisco Solutions (CSAU)
- Implementing and Administering Cisco Solutions (CCNA®)
- Implementing and Operating Cisco Security Technologies (SCOR)

The Introducing Automation for Cisco Solutions (CSAU) course provides the basic knowledge required to successfully complete the training and should be attended in advance.

Please note that multiple authentication is used in this course to access the Cisco Cloud environment. For this purpose, you will need to install the Cisco Duo app on your smartphone or provide your mobile phone number to Cisco for the associated exercise.

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.experteach-training.com/go/**SAUI**

Reservation
On our Website, you can reserve a course seat for 7 days free of charge and in an 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 a exercises, labs, and explanatory text and graphics. We provide this offer to you via our myExperTeach 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.

Cisco Digital Learning	Prices, excl. of V.A.T.
6 months activation	€ 650

Training		Prices, excl. of V.A.T.
Classes in Germany	**3 Days**	**€ 2,795**
Online Training	**3 Days**	**€ 2,795**
Date/course venue	Course language German 🇩🇪	
15/10-17/10/25 ITY Frankfurt	15/10-17/10/25 ITY Online	

Security

SAUI

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.
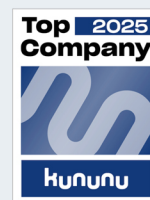
In-house Training
We create your customized training concepts for your project.

Guaranteed Course Dates
ExperTeach guaranteed course dates allow for secure and reliable planning.

Awards Won by ExperTeach