

CompTIA Security+ Certification

Přehled

In this course, students will build on their knowledge of and professional experience with security fundamentals, networks, and organizational security as you acquire the specific skills required to implement basic security services on any type of computer network.

Vzdělávací cíle

In this course, students will use fundamental security principles to install and configure cybersecurity controls and participate in incident response and risk mitigation.

Students will:

- Compare and contrast attacks.
- Compare and contrast security controls.
- Use security assessment tools.
- Explain basic cryptography concepts.
- Implement a public key infrastructure.
- Implement identity and access management controls.
- Manage access services and accounts.
- Implement a secure network architecture.
- Install and configure security appliances.
- Install and configure wireless and physical access security.
- Deploy secure host, mobile, and embedded systems.
- Implement secure network access protocols.
- Implement secure network applications.
- Explain risk management and disaster recovery concepts.
- Describe secure application development concepts.
- Explain organizational security concepts.

1 - Comparing and Contrasting Attacks

Compare and Contrast Information Security Roles
 Explain Threat Actor Types
 Compare and Contrast Social Engineering Attack Types
 Determine Malware Types

2 - Comparing and Contrasting Security Controls

Compare and Contrast Security Control and Framework Types
 Follow Incident Response Procedures

3 - Assessing Security Posture with Software Tools

Explain Penetration Testing Concepts
 Assess Security Posture with Topology Discovery Software Tools
 Assess Security Posture with Fingerprinting and Sniffing Software Tools
 Assess Security Posture with Vulnerability Scanning Software Tools

[Online registrace](#)

Termíny

Trvání kurzu (v dnech): 5 Days

G2R = "Garantovaný termín" | OLL = "Online LIVE"
 ILT = "Kurz vedený instruktorem"

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| 10/26/20 | G2R | 2:00PM - 10:00PM | Praha, Czech Republic | OLL | CZK 29950.00 |
| 10/26/20 | G2R | 2:00PM - 10:00PM | Praha, Czech Republic | OLL | CZK 29950.00 |
| 11/02/20 | G2R | 3:00PM - 11:00PM | Praha, Czech Republic | OLL | CZK 29950.00 |
| 11/09/20 | G2R | 5:00PM - 1:00AM | Praha, Czech Republic | OLL | CZK 29950.00 |
| 11/16/20 | G2R | 3:00PM - 11:00PM | Praha, Czech Republic | OLL | CZK 29950.00 |
| 11/30/20 | G2R | 3:00PM - 11:00PM | Praha, Czech Republic | OLL | CZK 29950.00 |
| 12/07/20 | G2R | 3:00PM - 11:00PM | Praha, Czech Republic | OLL | CZK 29950.00 |
| 12/14/20 | G2R | 5:00PM - 1:00AM | Praha, Czech Republic | OLL | CZK 29950.00 |
| 01/11/21 | G2R | 3:00PM - 11:00PM | Praha, Czech Republic | OLL | CZK 29950.00 |
| 01/18/21 | G2R | 3:00PM - 11:00PM | Praha, Czech Republic | OLL | CZK 29950.00 |
| 01/25/21 | G2R | 3:00PM - 11:00PM | Praha, Czech Republic | OLL | CZK 29950.00 |
| 02/01/21 | G2R | 5:00PM - 1:00AM | Praha, Czech Republic | OLL | CZK 29950.00 |
| 02/08/21 | G2R | 3:00PM - 11:00PM | Praha, Czech Republic | OLL | CZK 29950.00 |
| 02/15/21 | G2R | 3:00PM - 11:00PM | Praha, Czech Republic | OLL | CZK 29950.00 |
| 02/22/21 | G2R | 5:00PM - 1:00AM | Praha, Czech Republic | OLL | CZK 29950.00 |
| 03/01/21 | G2R | 3:00PM - 11:00PM | Praha, Czech Republic | OLL | CZK 29950.00 |
| 03/08/21 | G2R | 3:00PM - 11:00PM | Praha, Czech Republic | OLL | CZK 29950.00 |

4 - Explaining Basic Cryptography Concepts

Compare and Contrast Basic Concepts of Cryptography
 Explain Hashing and Symmetric Cryptographic Algorithms
 Explain Asymmetric Cryptographic Algorithms

5 - Implementing a Public Key Infrastructure

Implement Certificates and Certificate Authorities
 Implement PKI Management

6 - Implementing Identity and Access Management Controls

Compare and Contrast Identity and Authentication Concepts
 Install and Configure Authentication Protocols
 Implement Multifactor Authentication

7 - Managing Access Services and Accounts

Install and Configure Authorization and Directory Services
 Implement Access Management Controls
 Differentiate Account Management Practices
 Implement Account Auditing and Recertification

8 - Implementing a Secure Network Architecture

Implement Secure Network Architecture Concepts
 Install and Configure a Secure Switching Infrastructure
 Install and Configure Network Access Control
 Install and Configure a Secure Routing and NAT Infrastructure

9 - Installing and Configuring Security Appliances

Install and Configure Firewalls and Proxies
 Install and Configure Load Balancers
 Install and Configure Intrusion Detection/Prevention Systems
 Install and Configure Data Loss Prevention (DLP) Systems
 Install and Configure Logging and SIEM Systems

10 - Installing and Configuring Wireless and Physical Access Security

Install and Configure a Wireless Infrastructure
 Install and Configure Wireless Security Settings
 Explain the Importance of Physical Security Controls

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| 03/15/21 | G2R | 4:00PM - 12:00AM | Praha, Czech Republic | OLL | CZK 29950.00 |
| 03/22/21 | G2R | 2:00PM - 10:00PM | Praha, Czech Republic | OLL | CZK 29950.00 |
| 03/29/21 | G2R | 3:00PM - 11:00PM | Praha, Czech Republic | OLL | CZK 29950.00 |
| 04/05/21 | G2R | 5:00PM - 1:00AM | Praha, Czech Republic | OLL | CZK 29950.00 |
| 04/12/21 | G2R | 3:00PM - 11:00PM | Praha, Czech Republic | OLL | CZK 29950.00 |
| 04/19/21 | G2R | 3:00PM - 11:00PM | Praha, Czech Republic | OLL | CZK 29950.00 |
| 04/26/21 | G2R | 5:00PM - 1:00AM | Praha, Czech Republic | OLL | CZK 29950.00 |
| 05/03/21 | G2R | 3:00PM - 11:00PM | Praha, Czech Republic | OLL | CZK 29950.00 |
| 05/10/21 | G2R | 3:00PM - 11:00PM | Praha, Czech Republic | OLL | CZK 29950.00 |
| 05/17/21 | G2R | 5:00PM - 1:00AM | Praha, Czech Republic | OLL | CZK 29950.00 |
| 05/24/21 | G2R | 3:00PM - 11:00PM | Praha, Czech Republic | OLL | CZK 29950.00 |
| 06/07/21 | G2R | 3:00PM - 11:00PM | Praha, Czech Republic | OLL | CZK 29950.00 |
| 06/14/21 | G2R | 5:00PM - 1:00AM | Praha, Czech Republic | OLL | CZK 29950.00 |
| 06/21/21 | G2R | 3:00PM - 11:00PM | Praha, Czech Republic | OLL | CZK 29950.00 |
| 06/28/21 | G2R | 3:00PM - 11:00PM | Praha, Czech Republic | OLL | CZK 29950.00 |

11 - Deploying Secure Host, Mobile, and Embedded Systems

Implement Secure Hardware Systems Design
Implement Secure Host Systems Design
Implement Secure Mobile Device Systems Design
Implement Secure Embedded Systems Design

12 - Implementing Secure Network Access Protocols

Implement Secure Network Operations Protocols
Implement Secure Remote Access Protocols
Implement Secure Remote Administration Protocols

13 - Implementing Secure Network Applications

Implement Secure Web Services
Implement Secure Communications Services
Summarize Secure Virtualization Infrastructure
Summarize Secure Cloud Services

14 - Explaining Risk Management and Disaster Recovery Concepts

Explain Risk Management Processes and Concepts
Explain Resiliency and Automation Strategies
Explain Disaster Recovery and Continuity of Operation Concepts
Summarize Basic Concepts of Forensics

15 - Summarizing Secure Application Development Concepts

Explain the Impact of Vulnerability Types
Summarize Secure Application Development Concepts

16 - Explaining Organizational Security Concepts

Explain the Importance of Security Policies
Implement Data Security and Privacy Practices
Explain the Importance of Personnel Management
