Delmon Academy



CISCO CERTIFIED SUPPORT

TECHNICIAN (CCST) CYBERSECURITY

https://delmonacademy

Certificate overview:

This certification confirms trainees' knowledge of key cybersecurity concepts, including security principles, network and endpoint security, vulnerability assessment, risk management, and incident handling. The Junior Cybersecurity Analyst Career Path develops practical, job-ready skills to protect organizations from cyber threats. Trainees gain essential abilities in threat intelligence, network security, risk management, understanding of network operations, devices, media, and communication protocols—core skills for supporting networked systems.

Content outline:

- Essential Security Principle.
- Basic Network Security Concept.
- Endpoint Security Concept.
- Vulnerability Assessment and Risk Management.
- Incident Handling.

Assessment

Online exam, Total exam time is 50 Minutes. (Pass or Fail – Minimum (700/1000).

Certification

Upon successful completion, learners will receive Cisco Certified Support Technician (CCST) Cybersecurity.

Requirements

There are no specific recommended prior learning requirements for this qualification.

Total hours: 120

Certificate learning outcomes:

- 1.1. Define essential security principles
- 1.2. Explain common threats and vulnerabilities
- 1.3. Explain access management principles
- 1.4. Explain encryption methods and applications
- 2.1. Describe TCP/IP protocol vulnerabilities
- 2.2. Explain how network addresses impact network security 2.3. Describe network infrastructure and technologies
- 2.4. Set up a secure wireless SoHo network
- 2.5. Implement secure access technologies
- 4.1. Explain vulnerability management
- 4.2. Use threat intelligence techniques to identify potential network vulnerabilities
- 4.3. Explain risk management
- 4.4. Explain the importance of disaster recovery and business continuity planning
- 5.1. Monitor security events and know when escalation is required
- 5.2. Explain digital forensics and attack attribution processes
- 5.3. Explain the impact of compliance frameworks on incident handling
- 5.4. Describe the elements of cybersecurity incident response

Qualification structure

To be awarded the Cisco Certified Support Technician (CCST) Cybersecurity, learners are required to successfully pass the online exam.

Training Methodology

This includes lectures, tutorials and practical's, as well as supervised study in, for example, learning centers and workshops. Exam Tutorial Videos. Working in Groups- Methods of discussion- Cooperative learning style Internal and external training activities- Higher thinking skills. Great career path with a lot of practice questions, lab scenarios and real-life cybersecurity study case.