



EC-COUNCIL 112-58

EC-COUNCIL ISE Certification Questions & Answers

Exam Summary – Syllabus – Questions

112-58

[EC-Council IoT Security Essentials \(ISE\)](#)

75 Questions Exam - 70% Cut Score - Duration of 120 minutes

Table of Contents:

Know Your 112-58 Certification Well:	2
EC-Council 112-58 ISE Certification Details:.....	2
112-58 Syllabus:.....	3
EC-Council 112-58 Sample Questions:	3
Study Guide to Crack EC-Council ISE 112-58 Exam:	6

Know Your 112-58 Certification Well:

The 112-58 is best suitable for candidates who want to gain knowledge in the EC-Council Essentials Series. Before you start your 112-58 preparation you may struggle to get all the crucial ISE materials like 112-58 syllabus, sample questions, study guide.

But don't worry the 112-58 PDF is here to help you prepare in a stress-free manner. The PDF is a combination of all your queries like-

- What is in the 112-58 syllabus?
- How many questions are there in the 112-58 exam?
- Which Practice test would help me to pass the 112-58 exam at the first attempt?

Passing the 112-58 exam makes you EC-Council IoT Security Essentials (ISE). Having the ISE certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

EC-Council 112-58 ISE Certification Details:

Exam Name	EC-Council IoT Security Essentials (ISE)
Exam Code	112-58
Exam Price	\$299 (USD)
Duration	120 mins
Number of Questions	75
Passing Score	70%
Schedule Exam	ECC Exam Center
Sample Questions	EC-Council ISE Sample Questions
Practice Exam	EC-Council 112-58 Certification Practice Exam

112-58 Syllabus:

Topic
IoT Fundamentals
IoT Networking and Communication
IoT Processors and Operating Systems
Cloud and IoT
IoT Advanced Topics
IoT Threats
Basic Security
Cloud Security
Threat Intelligence
IoT Incident Response
IoT Security Engineering

EC-Council 112-58 Sample Questions:

Question: 1

Why is it important for IoT devices to use an operating system that supports modular updates?

- a) Modular updates are not important for IoT devices
- b) It allows for updates to be made in a more secure and efficient manner, addressing specific issues without needing a complete system overhaul
- c) It ensures that the device cannot be updated after deployment
- d) Modular updates increase the complexity of the system

Answer: b

Question: 2

Which of the following is not a direct benefit of IoT in industries?

- a) Increased automation
- b) Enhanced data collection
- c) Reduced operational efficiency
- d) Improved resource management

Answer: c

Question: 3

In the context of IoT, what does the integration of smart devices in agriculture help achieve?

- a) Decrease in crop yield
- b) Reduction in use of modern technology
- c) Increase in manual labor
- d) Optimization of resources like water and fertilizers

Answer: d

Question: 4

Why are regular security updates critical in IoT Security Engineering?

- a) They are not critical; once a device is deployed, it should not be altered.
- b) Updates tend to introduce more vulnerabilities than they fix.
- c) Regular security updates help to patch vulnerabilities, adapt to new threats, and improve system resilience.
- d) Regular updates are only necessary for consumer devices, not for IoT.

Answer: c

Question: 5

Which IoT sector is specifically tailored to improve the efficiency of urban environments?

- a) Smart Agriculture
- b) Smart Homes
- c) Industrial IoT
- d) Smart Cities

Answer: d

Question: 6

How do operating systems in IoT devices differ from those in traditional computing devices?

- a) IoT operating systems are designed to handle higher graphics processing
- b) IoT operating systems are typically more resource-intensive
- c) IoT operating systems are optimized for low power consumption and small footprint
- d) IoT operating systems do not support connectivity

Answer: c

Question: 7

In what way do microcontrollers differ from microprocessors in IoT applications?

- a) Microcontrollers are less energy-efficient
- b) Microcontrollers typically integrate a processor with memory and peripheral interfaces on a single chip
- c) Microprocessors are generally used in simpler devices
- d) Microcontrollers are not suitable for IoT devices

Answer: b

Question: 8

What are the primary benefits of integrating advanced IoT web communications into industrial applications?

- a) To decrease automation and data accuracy
- b) To provide minimal interaction between devices
- c) Advanced IoT web communications bring benefits such as enhanced data transfer speeds, improved scalability, and increased system reliability in industrial applications
- d) Advanced communications are typically avoided in industrial IoT to maintain traditional practices

Answer: c

Question: 9

What are common vulnerabilities in cloud computing that could affect IoT?

- a) Vulnerabilities include insecure APIs, data breaches, and inadequate access controls.
- b) Enhanced encryption methods that slow down data access.
- c) There are no known vulnerabilities in cloud computing.
- d) Cloud platforms automatically secure all stored IoT data effectively.

Answer: a

Question: 10

How does standardization of response processes benefit IoT incident handling?

- a) Standardization leads to confusion and inconsistency in responses.
- b) They increase the time needed to respond to incidents.
- c) Standardized processes are discouraged as they limit flexibility.
- d) It ensures a consistent, predictable, and effective approach to managing and mitigating incidents.

Answer: d

Study Guide to Crack EC-Council ISE 112-58 Exam:

- Getting details of the 112-58 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the 112-58 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the EC-Council provided training for 112-58 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the 112-58 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on 112-58 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for 112-58 Certification

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