e.KRAAL
INNOVATION HUB

C|CISO ™
Certified | Chief Information Security Officer
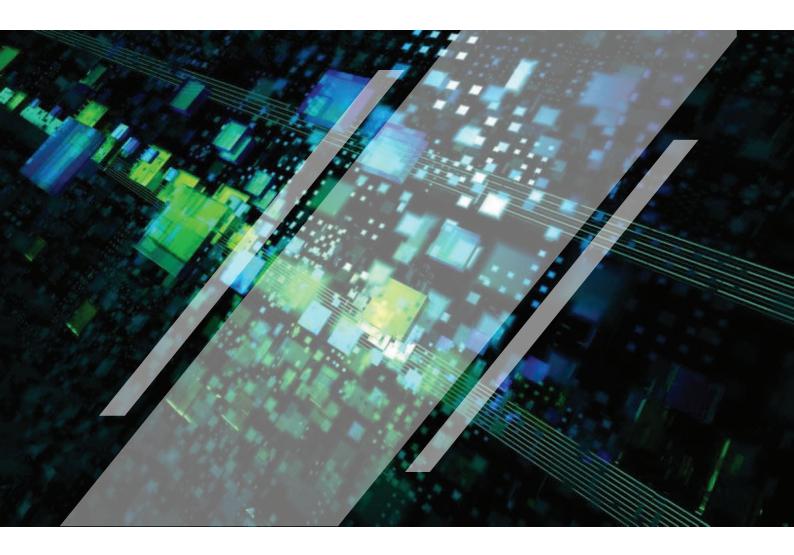

CERTIFIED CHIEF INFORMATION SECURITY OFFICER V3

JOIN THE ELITE

ABOUT THE PROGRAM

EC-Council's CCISO Program has certified leading information security professionals around the world. A core group of high-level information security executives, the CCISO Advisory Board, contributed by forming the foundation of the program and outlining the content that would be covered by the exam, body of knowledge, and training. Some members of the Board contributed as authors, others as exam writers, others as quality assurance checks, and still others as trainers. Each segment of the program was developed with the aspiring CISO in mind and looks to transfer the knowledge of seasoned professionals to the next generation in the areas that are most critical in the development and maintenance of a successful information security program.

The Certified CISO (CCISO) program is the first of its kind training and certification program aimed at producing top-level information security executives. The CCISO does not focus solely on technical knowledge but on the application of information security management principles from an executive management point of view. The program was developed by sitting CISOs for current and aspiring CISOs.

In order to sit for the CCISO exam and earn the certification, candidates must meet the basic CCISO requirements. Candidates who do not yet meet the CCISO requirements but are interested in information security management can pursue the EC-Council Information Security Management (EISM) certification.

"Despite maintaining a dynamic career of nearly 23 years that reflects rich experience and year-on-year success, I knew that it was time for me to move one step further and stay on power with the latest requirements for leaders in information security.
The CCISO was an ideal choice for me as it provided the necessary knowledge required for information-security management strategies, executive leadership, and risk management strategies in order to protect an organization.:

- Deryck Rodrigues,
Vice President – Group CIO Regulatory,
Risk & Control at Deutsche Bank AG.

The Five CCISO Domains

CCISOs are certified in the knowledge of and experience in the following CCISO Domains:

1 Governance and Risk Management

2 Information Security Controls, Compliance, & Audit Management

3 Security Program Management & Operations

4 Information Security Core Competencies

5 Strategic Planning, Finance, Procurement, & Vendor Management

Target Audience:

The CCISO is for information security executives aspiring to be CISOs through refining their skills and learning to align information security programs with business goals and objectives. This program also encourages existing CISOs to improve their technical and management skills, as well as business procedures.

Certification:

To be approved to take the CCISO exam without first taking certified training, you will need to show evidence and present verifiers to show that you have 5 years of experience in each of the five CCISO domains. Experience waivers are available for some industry-accepted certifications and CCISO Exam Eligibility Application Form higher education. Between certification and training waivers, applicants can only waive 3 years of experience for each domain. If you have taken training, you must show 5 years of experience in 3 of the 5 domains in order to take the CCISO exam.

Applicants found not qualified for the CCISO Exam may choose to take the EC-Council Information Security Manager (EISM) exam instead. The EISM exam is less challenging than the CCISO exam and leads to the EISM certification, which has no experience requirements, but does require that you take CCISO training.

Candidates that successfully pass the exam will receive their C|CISO certificate and community privileges Members are expected to adhere to recertification requirements through EC-Council's Continuing Education Requirements.

ATTAINING THE CCISO CREDENTIAL

Exam Title: EC-Council Certified CISO

Exam Code: 712-50

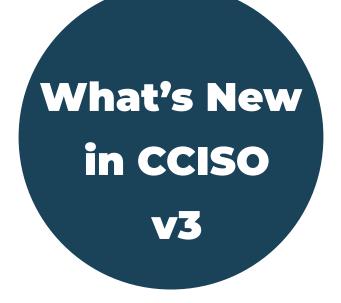**Number of Questions:** 150

Availability: e-KRAAL Exam Portal

Test Format: Scenario-based Multiple Choice
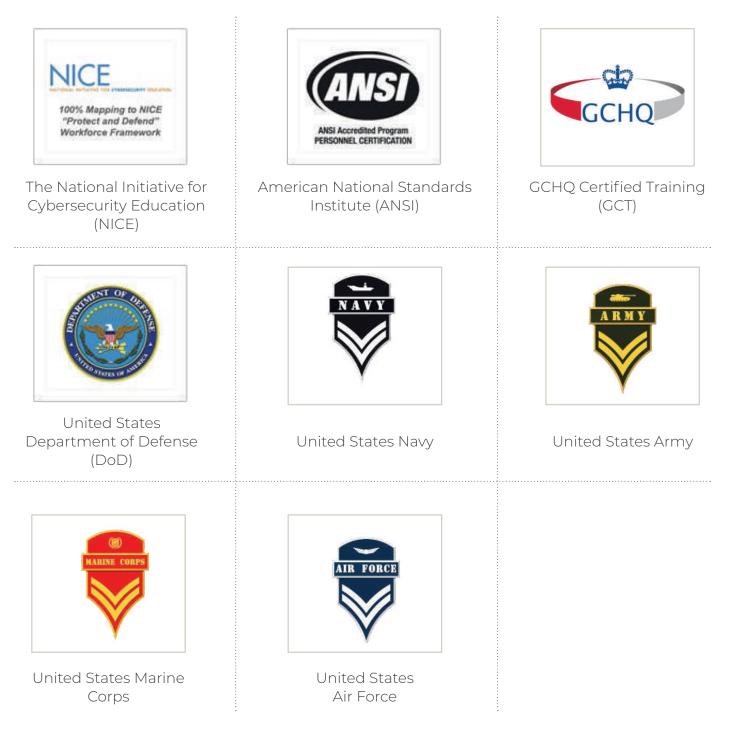
What's New in CCISO v3

- New sections covering GDPR enhanced focus on Risk Management frameworks including **NIST, TARA, OCTAVE, FAIR, COBIT, and ITIL**

- More emphasis on Vendor Management

- Deep dive into Contract Management

- Step-by-step instructions on building and maturing a Security Program

- A CISO-level view of transformative technologies like Artificial Intelligence, Augmented Reality, Autonomous SOCs, Dynamic Deception, and more!

Introducing "War Games" in all live classes!

CCISO WAR GAMES

CCISO is now an interactive class

All instructors lead War Games, which mimic what happens during a breach

CCISO Recognition/ Endorsement/ Mapping

The National Initiative for Cybersecurity Education (NICE)

American National Standards Institute (ANSI)

GCHQ Certified Training (GCT)

United States Department of Defense (DoD)

United States Navy

United States Army

United States Marine Corps

United States Air Force

> The program trained me to look at every security incident from a different perspective – not as a technical professional but someone who belongs to the managerial level.
>
> *- Joshua William K.,*
> *Head, IT Governance and Compliance at GCB Bank Limited.*

WHAT DOES THE

CCISO TEACH?

The program focuses on five domains to bring together all the components required for a C-Level position. It combines governance, security risk management, controls, audit management, security program management and operations, information-security core concepts, and strategic planning, finance, and vendor management—skills that are vital to leading a highly successful information security program

The five domains were mapped in alignment to the NICE Cybersecurity Workforce Framework (NCWF), a national resource that categorizes and describes cybersecurity work, listing common sets of duties and skills needed to perform specific tasks.

The framework consists of seven highly important categories; one of which is "Oversight and Development" and deals with leadership, management, direction, and advocacy. It was upon these requirements that the CCISO program was created, with skill development courses in legal advice and advocacy, strategic planning and policy development, Information Systems Security Operations (ISSO), and Security Program Management (CISO) being 95% related to the NCWF.

The EC-Council CCISO Body of Knowledge covers all five of the CCISO Information Security Management Domains in depth and was written by seasoned CISOs for current and aspiring CISOs.

Despite my 20 years working in the area of information technology, being 8 years with experience in information security, and 15 years leading multidisciplinary teams in infrastructure and cybersecurity, by becoming a Certified Chief Information Security Officer, I have gained a better understanding of the five critical domains explained in EC-Council's CCISO Body of Knowledge and through real-life examples that were presented by the instructor.

**- Leandro Ribeiro, L
leader of Cyber Defense at United
Health Group, Brazil.**

Elements that make CCISO one of a kind

Accredited by ANSI

EC-Council has been accredited by the American National Standards Institute (ANSI) for its CCISO certification program. It is one of the few certification bodies whose primary specialization is information security in order to meet the ANSI/ISO/IEC 17024 Personnel Certification Accreditation standard.

Complaint to the NICE Framework

The five domains of the CCISO program are mapped to the NICE Cybersecurity Workforce Framework (NCWF), a national resource that categorizes and describes cybersecurity work, listing common sets of duties and skills needed to perform specific tasks.

It brings together all the components required for a C-Level position:

The CCISO program combines audit management, governance, IS controls, human capital management, strategic program development, and the financial expertise vital to leading a highly successful IS program.

Focuses on the application of technical knowledge:

Material in the CCISO Program assumes a high-level understanding of technical topics and doesn't spend much time on strictly technical information, but rather on the application of technical knowledge to an information security executive's day-to-day work.

Bridges the Gap between Technical Knowledge, Executive Management, and Financial Management

The CCISO aims to bridge the gap between the executive management knowledge that CISOs need and the technical knowledge that many aspiring CISOs have. This can be a crucial gap as a practitioner endeavors to move from mid-management to upper, executive management roles. Much of this is traditionally learned as on the job training, but the CCISO Training Program can be the key to a successful transition to the highest ranks of information security management.

Recognizes the Importance of Real-World Experience

To reach a C-Level position, an information security officer must have prior experience to gain a holistic idea of what to expect while in the field. With this in mind, the CCISO program consists of many real-world experiences faced by current CISOs around the world.

The CCISO exam also challenges students to develop a business continuity plan for a company in a given industry and situation, use metrics to communicate risk for different audiences, and describes how to align security programs with the goals of the business–among many other exercises.

Designed by the Experts

The CCISO Advisory board is comprised of practicing CISOs who designed the program based on their day-to-day experiences - based on both technical and management concerns. The board is made up of security leaders from Amtrak, HP, the City of San Francisco, Lennar, the Center for Disease Control, universities, and consulting firms who have contributed their vast knowledge to create this program to address the lack of leadership training in information security.

Join the Elite – Become a Member of the CCISO Community

As a member of the CCISO Community, you can gain access to:

Free attendance at one EC-Council CISO Event per year (limited free passes available - first come, first served) and deep discounts if you would like to attend more than one event.

First notice for speaking opportunities at conferences.

Whitepaper assistance, marketing, and publishing.

The opportunity to post articles to the CISO Resources Page.

The opportunity to give webinars to large EC-Council audiences via our Security Channel.

Free subscription to CISO Mag – EC-Council's online magazine for information security leaders! Normally $79 per year.

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