



# ISACA

**TRUST IN, AND VALUE FROM, INFORMATION SYSTEMS**

**ISACA.ORG**

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# CERTIFICATIONS

## **Why is ISACA focused on certifications?**

You have probably asked yourself that question after you joined ISACA and became a CISA.

CISA is usually the starting point for the majority of ISACA members.

Over the years, CISM, CRISC and CGEIT were introduced, and now you are hearing all about the Cybersecurity Nexus and the CSX certificate and CSX-P certification.

You may be also aware that you can become a Cobit5 Certified Assessor.

So today we will learn about the overall framework for learning and certifications that ISACA has implemented.

ISACA firmly believes that certifications are crucial to meeting the demands of the future.

And more important, giving you the credibility you need to continue and expand your career opportunities.

# CERTIFICATIONS

## Why should you get an ISACA certification?

- ISACA certifications are globally accepted and recognized.
- They combine the achievement of passing an exam with credit for your work and educational experience, giving you the credibility you need to move ahead in your career.
- Certification proves to employers that you have what it takes to add value to their enterprise. In fact, many organizations and governmental agencies around the world require or recognize ISACA's certifications.
- Independent studies consistently rate ISACA's designations among the highest paying IT and impactful certifications that an IT professional can earn
- Earning and maintaining an ISACA certification:
  - Boosts your earning potential
  - Counts in the hiring process
  - Enhances your professional credibility and recognition

# ISACA 2017 OVERVIEW



# ISACA'S CORE MESSAGE

## Information & Cyber Security

**ISACA partners with individuals and organizations to grow the world's situation-ready information and cyber security workforce.**

*The CSX Training Platform manages skills assessments, training and performance-based development for enterprise cyber security teams.*

*Cybersecurity Nexus (CSX) offers insights, training, certification and events for all levels.*

**Digital Transformation and Innovation**  
**ISACA's global community helps all business technology professionals and enterprises navigate digital disruption and deliver on the positive potential of technology.**

*ISACA provides unique guidance, research and standards on technology adoption, impact and risk.*

## Primary Message

**ISACA advances global business leaders in technology, information and cyber security, governance, risk and innovation.**

## Redefining Governance

**Business technology dynamics demand a reset in the perception, practices and leadership in governance, audit and assurance.**

*ISACA guides leaders on how to effectively govern today's digital systems and tomorrow's emerging technologies.*

## Technology Workforce

**ISACA's more than 520,000 engaged professionals depend on ISACA for ideas, insights, knowledge, best practices, education, credentials and community.**

*ISACA's expertise, experience and engagement inspires the confidence to drive technology innovation.*

*ISACA's portfolio is essential to building successful long-term business technology careers.*

## **ISACA FACTS**

- **Founded in 1969 as the EDP Auditors Association**
- **Since 1978, CISA has been a globally accepted standard of competency among IS audit, control, assurance and security professionals.**
- **More than 125,000 members in over 180 countries**
- **More than 200 chapters worldwide**

# ISACA AT A GLANCE\*: GLOBAL REACH, LOCAL IMPACT



SERVING MORE THAN

**520,000**

ENGAGED  
PROFESSIONALS



**215+ CHAPTERS**  
WORLDWIDE



MEMBERS IN  
**190 COUNTRIES**



**11**

INDUSTRY-LEADING  
CONFERENCES



**1,000+**

KNOWLEDGE ASSETS



\*all statistics for ISACA are as of 31 December 2016

# ISACA DOMAINS & EXPERTISE



AUDIT &  
ASSURANCE



CYBER  
SECURITY



GOVERNANCE



RISK  
MANAGEMENT



INFORMATION  
SECURITY



# OUR PORTFOLIO

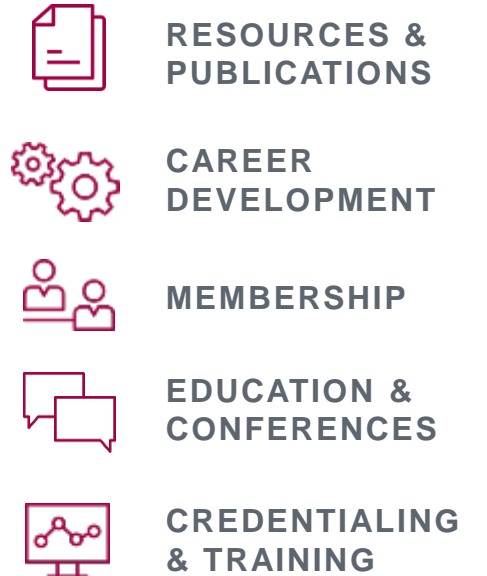
## CERTIFICATION:



## KNOWLEDGE, INSIGHTS, RESEARCH:

- 1 Security
- 2 Risk
- 3 Audit, Assurance, Guidance
- 4 Emerging Tech
- 5 Governance

## TRAINING & EDUCATION:



## ADDITIONAL ISACA BUSINESSES AND BRANDS:



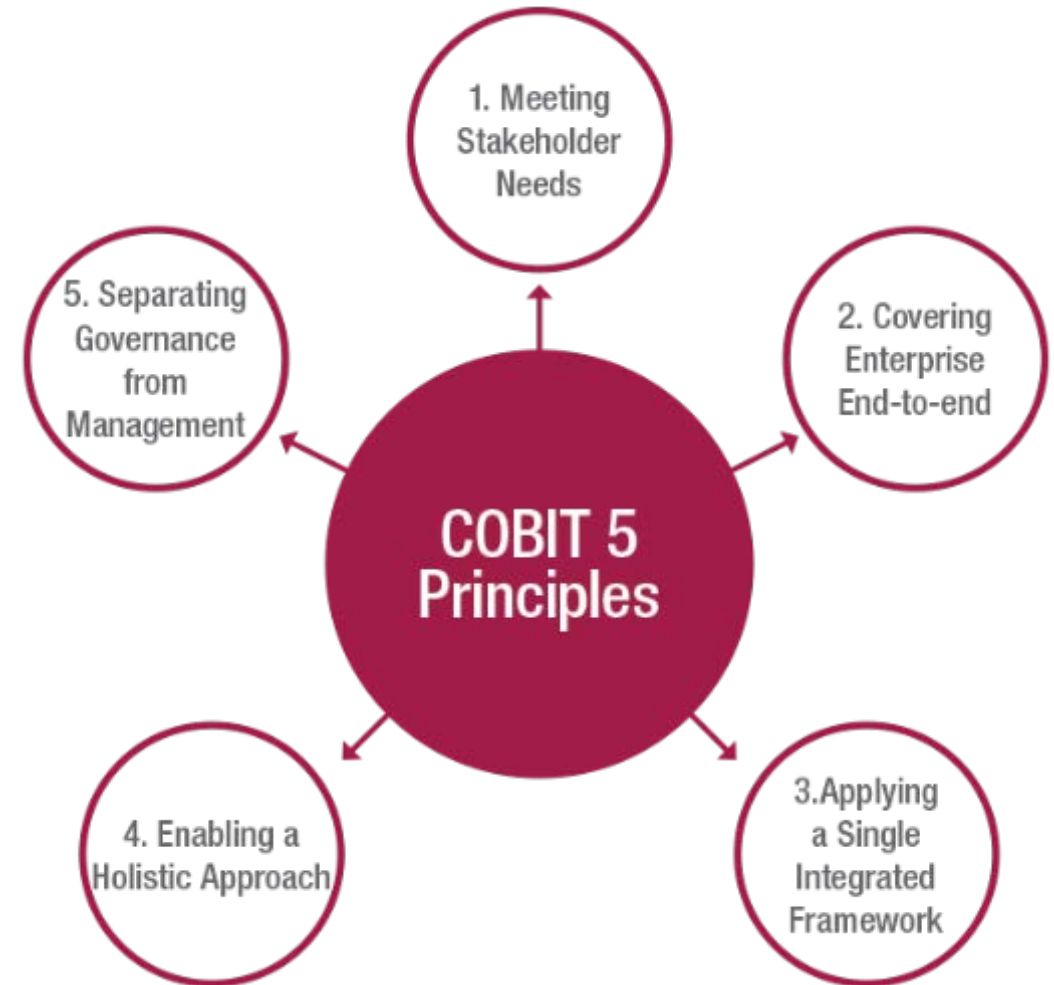
# TRAINING & EDUCATION

- **An education leader, delivering innovative learning programs**
  - Flexible learning solutions (for technical and ‘soft’ skills)
  - Conferences and educational events
  - Exam prep for ISACA core certifications



# COBIT 5

- **COBIT 5** helps enterprises create optimal value from IT by maintaining a balance between realizing benefits and optimizing risk levels and resource use.
- **COBIT 5** enables information and related technology to be governed and managed in a holistic manner for the entire enterprise, taking in the full end-to-end business and functional areas of responsibility, considering the IT-related interests of internal and external stakeholders.



*SOURCE: COBIT® 5, figure 2. © 2012 ISACA® All rights reserved.*

# HOLISTIC CYBER SECURITY PROGRAM

- **CSX is designed to help fortify and advance the industry by educating, training and certifying a stronger, more informed workforce that can keep organizations and their information secure—now and in the future. CSX is the only “one-stop shop” for all things cyber security. You’ll find just the right guidance, training and educational events to meet your needs, no matter where you are in your career.**



# CONNECTING WOMEN LEADERS IN TECHNOLOGY

- Through its newest program, ISACA is working to engage and empower a core constituency: women in technology.
- At the center of this program is the belief that the empowerment of women within the global technology workforce is critical to advancing female leadership and to the sustainment of the profession. Our immediate goals are to:
  - Attract more women to technology professions
  - Provide educational opportunities and support
  - Skills development



## Connecting Women Leaders in Technology

ENGAGE. EMPOWER. ELEVATE.





# CMMI<sup>®</sup> Institute

**CMMI Institute leverages over 20 years of ongoing work at Carnegie Mellon University by:**

- **Members of industry**
- *Members of government*
- *The Software Engineering Institute, a research facility funded by the U.S. federal government*

**This work established the *Capability Maturity Model Integration (CMMI)<sup>®</sup>*, a capability improvement framework that guides organizations in high-performance operations.**

- **CMMI Institute offers a performance-improvement framework for helping organizations, across the spectrum of industries, implement best practices across key capability areas:**
  - **Project and Work Management**
  - **People Management**
  - **Service Delivery and Management**
  - **Process Management**
  - **Supporting Infrastructure**
  - **Product Engineering and Development**
  - **Supplier Management**

## **ANSI ACCREDITATION**

**The American National Standards Institute (ANSI) has accredited the CISA certification under ISO/IEC 17024:2012.**

**Accreditation by ANSI signifies that ISACA's procedures meet ANSI's essential requirements for openness, balance, consensus and due process.**



# ISACA EXAM CANDIDATE INFORMATION GUIDE AND REGISTRATION INFORMATION

## **Candidate Information Guide:**

The ISACA Exam Candidate Information Guide includes candidate information about exam registration, dates, and deadlines and provides important key candidate details for exam day administration. This publication is available online at [www.isaca.org/examguide](http://www.isaca.org/examguide). *Translated copies are also available in each of the exam languages at this link.*

*We recommend all exam candidates review this Guide to familiarize themselves with the exam day rules and information.*

## **Register Online:**

To register for an ISACA exam visit [www.isaca.org/examreg](http://www.isaca.org/examreg). All registrations must be completed online.



# ISACA CODE OF PROFESSIONAL ETHICS

*ISACA sets forth this Code of Professional Ethics to guide the professional and personal conduct of members of the association and/or its certification holders. Failure to comply with this Code of Professional Ethics can result in an investigation into a member's or certification holder's conduct and, ultimately, in disciplinary measures.*

## ***Members and ISACA certification holders shall:***

- 1. Support the implementation of, and encourage compliance with, appropriate standards and procedures for the effective governance and management of enterprise information systems and technology, including: audit, control, security and risk management.**
- 2. Perform their duties with objectivity, due diligence and professional care, in accordance with professional standards.**
- 3. Serve in the interest of stakeholders in a lawful manner, while maintaining high standards of conduct and character, and not discrediting their profession or the Association.**

**[www.isaca.org/ethics](http://www.isaca.org/ethics)**

# ISACA CODE OF PROFESSIONAL ETHICS

*(CONTINUED)*

***Members and ISACA certification holders shall:***

4. **Maintain the privacy and confidentiality of information obtained in the course of their activities unless disclosure is required by legal authority. Such information shall not be used for personal benefit or released to inappropriate parties.**
5. **Maintain competency in their respective fields and agree to undertake only those activities they can reasonably expect to complete with the necessary skills, knowledge and competence.**
6. **Inform appropriate parties of the results of work performed including the disclosure of all significant facts known to them that, if not disclosed, may distort the reporting of the results.**
7. **Support the professional education of stakeholders in enhancing their understanding of the governance and management of enterprise information systems and technology, including: audit, control, security and risk management.**

[www.isaca.org/ethics](http://www.isaca.org/ethics)

# 2017

## INTRODUCTION TO ISACA'S CERTIFICATIONS

[CONNECT](#) [MORE](#)



# CERTIFICATION VERSUS ACHIEVEMENT OF A CERTIFICATE

\*Thank you to: Thomas Johnson, CISA, CRISC, CISM, CISSP and his article on the value of certification, ISACA Journal, Volume 6, 2017 [https://www.isaca.org/Journal/archives/2017/Volume-6/Pages/the-value-of-certification.aspx?utm\\_campaign=ISACA+Main](https://www.isaca.org/Journal/archives/2017/Volume-6/Pages/the-value-of-certification.aspx?utm_campaign=ISACA+Main)

## *What is certification?\**

- The term certification can mean many things and is often confused or combined with the achievement of a certificate.
- A certification is a credential for an accomplishment that has been validated by a testing process and typically cannot be earned without verification of the appropriate level of experience or education. M
- any certifications allow an individual to add a series of acronyms after their name, indicating their qualifications.
- Certificates are typically given to an individual for verification of the completion of a course or proof of attendance at a training session.
- Some college courses and training programs work this way. To confuse things further, most certifications require a continuing education component to maintain the certification.
- While attaining a certification may come with a certificate, pursuing a certificate does not always grant an individual a certification.

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## *Measure of value\**

- While the term value may have different meanings to different people, there is an advantage for individuals who possess certifications and contribute that knowledge to their organizations.
- The value to the individual includes open access to work-related tools, heightened credibility and involvement in a peer network.
- It also provides a ticket to entry for jobs requiring that credential.
- The value to the organization is multifaceted.
- Certifications can determine the work ethic of the proposed candidate and help aid the hiring process

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## *Value to the individual\**

1. Many of the reasons certification is of value to the individual are also the same reasons certification is of value to the organization. The time and effort spent studying and formulating a plan of study directly correlate to skills necessary to manage projects, develop strategies and see projects to completion.
2. For many positions, requirement of a certification is a minimum bar to entry in the technology and information security industry, making this the most visible element of value to the individual. A quick review of job postings shows that an overwhelming majority of open positions, from analyst to manager, either require or highly prefer a certification appropriate for the job function. Historically, certification was only a requirement for analyst or engineering positions, but there are now many manager, director and senior-level positions that require certifications.
3. Many certifications require an annual educational requirement to maintain that certification. This education requirement compels the individual to fulfill these requirements by attending seminars, watching webinars or engaging in independent study. Ongoing education to support the credential adds credibility, matures the individual, and keeps them up-to-date on new knowledge and industry trends.
4. Along with certification comes a designation and a badge to wear proudly. This badge represents individual credibility not otherwise demonstrable. As mentioned earlier, this comes in the form of a designation placed after the certification holder's name or on a business card. There are also electronic mechanisms used on social media sites such as LinkedIn and verification entities such as Acclaim that support the visibility of the credential.
5. Many certifications provide access to a peer network rich with knowledge. While the Internet is a wealth of information, access to proprietary and well-developed material is only accessible with membership, as is a continuous support peer network.

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## *Value to the hiring process\**

1. The hiring process is a complex set of evaluations that take many data points about an individual applicant into consideration. Certification is merely one of those data points. As such, hiring a job candidate solely because they hold a certification circumvents the hiring process. Because the certification process is only part of an overall candidate's qualifications, placing the incorrect emphasis on certification can lead to incorrect hires, leaving employers with a candidate who is not what they expected. While human resource managers should be diligent in the hiring process, prescreening candidates with certifications highlights individuals who took extra steps to advance their careers and can prevalidate experience.
2. While every certification is different, many of them have experiential requirements. Certifications such as the Certified Information Security Manager (CISM) and Certified Information Systems Auditor (CISA) require a minimum number of years of work experience, which are vetted through a validation process. An individual possessing these certifications has foundational skills to show a hiring manager and demonstrates a validated requisite amount of experience.
3. Hiring managers may resist requiring certifications when assembling minimum requirements for an open position. When defending their requirements, they often make broad statements such as, "Just because they have a CISM does not mean they can build an information security program." If one reviews the material on the ISACA website for the CISM certification, for example, one will not find where it says the credential will guarantee the individual can build an information security program, but what it does say is that the candidate will "have an understanding of the relationship between an information security program and broader business goals and objectives."<sup>1</sup> Other certifications are similar, such as the CompTIA Security+ certification, "validates foundational, vendor-neutral IT security knowledge and skills."<sup>2</sup> This does not mean that an individual who possesses either one of these certifications would be able to take a job as a firewall administrator, but what it does mean is that the candidate is knowledgeable enough to be able to understand concepts surrounding the job practice and would likely be able to adapt with some additional system-specific training.
4. Certifications that require a validated minimum level of experience create a different dimension of quality when considering certified candidates. Hiring managers should be familiar with the elements of each certification applicable to positions in their organization. The certification program requirements should be used to ensure and validate hiring managers' claims about the applicability of these certifications for various positions in the organization.



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## *Value to the organization\**

1. Employees who hold certifications bring value to the organization because they are well-rounded individuals who exhibit drive and persistence and can demonstrate valid qualifications. Working with and hiring employees, both with and without certifications, it becomes evident that there are four distinct qualities that set certified individuals apart from the rest. Keep in mind that just because they hold a certification does not mean that they possess these qualities and, conversely, just because an individual does not hold a certification does not mean they do not have these qualities. However, most of the time, the following qualities are demonstrated by individuals with certifications:
  - They are invested in themselves—The best investment one can make is an investment in oneself. Certification provides an opportunity to grow personally and professionally.
  - They can achieve goals—Whether certification is prompted by an employer mandate or personal achievement, the process shows that the certified individual can establish goals, has a certain amount of drive and is motivated by accomplishment. It takes strategy, endurance and project management skills to prepare for and pass certification testing and, while the employer may help with the process by sending a candidate to training, it is largely an individual accomplishment.
  - They know at least enough to pass the test—While it may happen, an individual that has no experience in the areas tested on a certification examination is unlikely to pass without studying. Most certification examinations are built in such a way that industry terminology and specialized processes and knowledge are required to pass. An individual who merely studies review materials will not likely pass an exam without the applicable experience. Accredited certification programs also require the review and approval of examination questions by a panel of subject matter experts in the related field to ensure that relevant knowledge is being tested, making it even less likely that a candidate will be able to pass the test without studying.
  - They show commitment to the industry—Very few people enjoy taking tests, so it takes someone with initiative to want to test their skills. Testing requires study, which takes commitment and time. Individuals committed to their jobs and their industry put in the time, effort and cost associated with obtaining a certification.

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## *Conclusion\**

1. The value of certification to an individual is more than just another credential and, in the hiring process, possession of a certification should be part of the overall evaluation of a potential hire.
2. Some may believe that certifications are a thing of the past when, in fact, they are very relevant in the IT and information security industry.
3. When used wisely, a manager can leverage certification as another tool in their hiring process and individuals can leverage the many benefits and resources that are included with the credential they earned.

## 4. Endnotes

<sup>1</sup> ISACA, The Benefits of CISM, [www.isaca.org/certification/cism-certified-information-security-manager/what-is-cism/pages/default.aspx](http://www.isaca.org/certification/cism-certified-information-security-manager/what-is-cism/pages/default.aspx)

<sup>2</sup> Computing Technology Industry Association, CompTIA Security+, <https://certification.comptia.org/certifications/security>

### Thomas Johnson, CISA, CRISC, CISM, CISSP

Has more than 25 years of experience in security and technology and has extensive compliance-related expertise in banking, health care and manufacturing. He leads the information security practice at a consulting firm in Chicago, spending most of his time providing security and compliance leadership to clients in various industries. He holds a position on the Certified Information Security Manager (CISM) Certification Working Group with ISACA and teaches masters-level courses as an adjunct professor at the Illinois Institute of Technology (Chicago, Illinois, USA) in the Cybersecurity and Forensics Program.

# CISA® CERTIFICATION DETAILS

[WWW.ISACA.ORG/CISA](http://WWW.ISACA.ORG/CISA)

ACCOMPLISH MORE



# WHY BECOME A CISA?

## *Enhanced Knowledge and Skills*

To demonstrate your willingness to improve your technical knowledge and skills

To demonstrate to management your proficiency toward organizational excellence

## *Career Advancement*

To obtain credentials that employers seek

To enhance your professional image

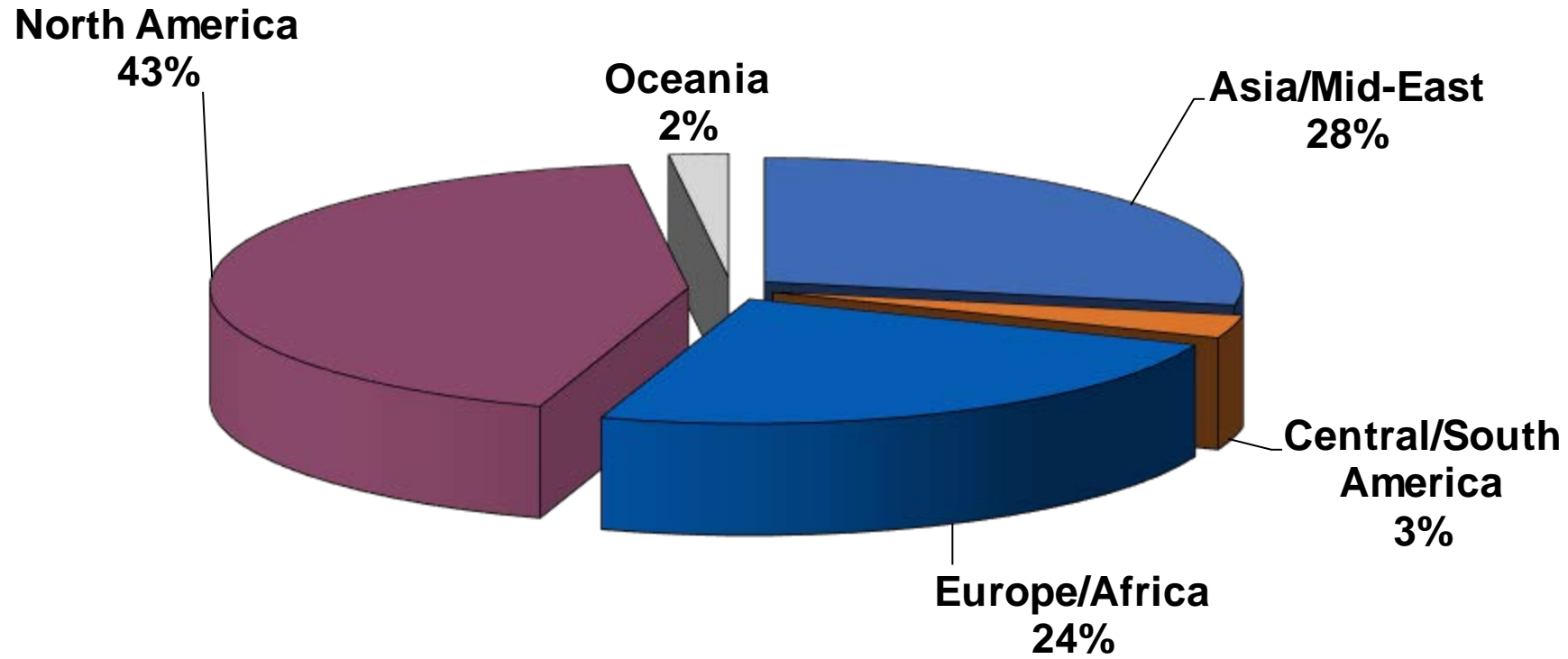
## *Worldwide Recognition*

To be included with over 120,000 other professionals who have gained the CISA designation, since CISAs inception, worldwide

# CISA IN THE WORKPLACE

- **Just over 2,800 are employed in organizations as the CEO, CFO or equivalent executive position.**
- **More than 2,600 serve as chief audit executives, audit partners or audit heads.**
- **Over 3,300 serve as CIOs, CISOs, or chief compliance, risk or privacy officers.**
- **More than 11,000 are employed as security directors, managers or consultants.**
- **More than 12,000 are employed as IT directors, managers, and related staff.**
- **Over 31,000 serve as audit directors, managers or consultants and auditors (IT and non-IT).**
- **Over 9,000 serve as Compliance/Risk/Privacy Director**

# CISAs by Area



# **CISA JOB PRACTICE AREAS**

**(EFFECTIVE 2016)**

## ***Domain 1 — The Process of Auditing Information Systems (21%)***

**Provide audit services in accordance with IS audit standards to assist the organization in protecting and controlling information systems.**

## ***Domain 2—Governance and Management of IT (16%)***

**Provide assurance that the necessary leadership and organizational structures and processes are in place to achieve objectives and to support the organization's strategy.**

## ***Domain 3—Information Systems Acquisition, Development and Implementation (18%)***

**Provide assurance that the practices for the acquisition, development, testing and implementation of information systems meet the organization's strategies and objectives.**

# CISA JOB PRACTICE AREAS

(EFFECTIVE 2016) (CONTINUED)

## *Domain 4—Information Systems Operations, Maintenance and Service Management – (20%)*

Provide assurance that the processes for information systems operations, maintenance and service management meet the organization's strategies and objectives.

## *Domain 5—Protection of Information Assets– (25%)*

Provide assurance that the organization's policies, standards, procedures and controls ensure the confidentiality, integrity and availability of information assets.

To view the complete CISA job practice, including task and knowledge statements visit:

[www.isaca.org/cisajobpractice](http://www.isaca.org/cisajobpractice)



# CISA CERTIFICATION REQUIREMENTS

Earn a passing score on the CISA Exam

Submit verified evidence of a minimum of five years of verifiable IS audit, control or security experience (substitutions available)

Submit the (completed) CISA application (within 5 years of passing date) and receive approval ([www.isaca.org/cisaapp](http://www.isaca.org/cisaapp))

Adhere to the *ISACA Code of Professional Ethics*

Abide by *IS Auditing Standards* as adopted by ISACA

Comply with continuing professional education policy ([www.isaca.org/cisacpepolicy](http://www.isaca.org/cisacpepolicy))

[www.isaca.org/cisarequirements](http://www.isaca.org/cisarequirements)

# ADMINISTRATION OF THE CISA EXAM

## 2017 Exam Windows:

### 1 November – 31 December 2017

- The CISA exam is offered in 11 languages via computer-based testing (CBT).
- CISA exam languages will be offered during all three testing windows - Chinese Traditional, Chinese Simplified, English, French, German, Hebrew, Italian, Japanese, Korean, Spanish, Turkish.
- Passing mark of 450 on a common scaled scale of 200 to 800
- Once registered for an exam, candidates will be able to schedule their testing appointment for any date and time that is available at their location testing center during the scheduled window.

# 2017 REGISTRATION FEES

## EXAM: NOVEMBER/DECEMBER 2017

### ***Registration Deadline – 20 December 2017:***

- ISACA Member: US \$575.00
- Non-Member: US \$760.00

***Register Online at [www.isaca.org/examreg](http://www.isaca.org/examreg) - registration opened on 1 August 2017***

**Exam registration fees must be paid in full to sit for the exams. Those whose exam registration fees are not paid will not be able to schedule a testing appointment.**

# TYPES OF QUESTIONS ON THE CISA EXAM

Exam consists of 150 multiple choice questions administered over a four-hour session

Questions are designed to test practical knowledge and experience

Questions require the candidate to choose one best answer

Every question or statement has four options (answer choices)

# QUALITY OF THE EXAM ENSURED BY

***Job Practice Analysis Study:*** Determines content

***Test Development Standards:*** Ensures high standards for the development and review of questions

***Review Process:*** Provides two reviews of questions by independent committees before acceptance into pool

***Periodic Pool Cleaning:*** Ensures that questions in the pool are up-to-date by continuously reviewing questions

***Statistical Analysis of Questions:*** Ensures quality questions and grading by analyzing exam statistics for each language

# 2017 CISA STUDY MATERIALS

ISACA offers a complete line of study materials to assist you in your studies.

For a complete listing of materials including product descriptions visit:  
[www.isaca.org/cisabooks](http://www.isaca.org/cisabooks)

Additional resources to assist in studying for the exam visit:  
[www.isaca.org/cisaprep](http://www.isaca.org/cisaprep)

Sign up to join our exam communities for additional study tips.

# HOW TO DEVELOP A CISA STUDY PLAN

*A proper study plan consists of several steps:*

- ✓ Self-appraisal
- ✓ Determination of the type of study program
- ✓ Having an adequate amount of time to prepare
- ✓ Maintaining momentum
- ✓ Readiness review
- ✓ Become involved in your local chapter and explore networking opportunities and study groups.

# HOW TO STUDY FOR THE CISA EXAM

- Read the ISACA Exam Candidate Information Guide for details on exam day administration ([www.isaca.org/examguide](http://www.isaca.org/examguide))
- Visit [www.isaca.org/cisaprep](http://www.isaca.org/cisaprep) for study information
- Study the CISA Review Manual
- Work through the CISA Review Questions, Answers & Explanations Manual, Supplement and/or CD
- Participate in an ISACA Chapter Review Course
- Read literature in areas where you need to strengthen skills
- Spend time studying the complement of your field: If external auditor, study IS audit from the internal audit perspective and vice-versa
- Join or organize study groups, including the ISACA exam community



# APPLICATION FOR CISA CERTIFICATION

To become certified as a CISA and enjoy the benefits of certification, one must earn the required job experience and submit a (completed) CISA application within 5 years of passage of the exam. The CISA Application for Certification is available at [www.isaca.org/CISAapp](http://www.isaca.org/CISAapp).

## **General information:**

- Complete and submit CISA application with the requisite experience. To view the requirements for CISA certification – [www.isaca.org/cisarequirements](http://www.isaca.org/cisarequirements)
- Application requires the work experience to be verified. A Verification of Work Experience form is included in the CISA application
- When applying for certification, there is a US \$50 application fee.
- Abide by the ISACA Code of Professional Ethics ([www.isaca.org/ethics](http://www.isaca.org/ethics))
- Instructions for completion of form. Translated instructions are also available at: [www.isaca.org/cisaapp](http://www.isaca.org/cisaapp)

Until an application is received and approved, candidates are not CISA certified and cannot use the designation. Candidates have 5 years from the passing date to apply for certification (must submit a completed application by the 5 year deadline). If an individual does not submit a completed application within his/her 5 year timeframe, the exam score is voided and the individual will need to retest (and re-pass and apply for certification within 5 years) in order to gain the CISA certification.

# CONTINUING PROFESSIONAL EDUCATION (CPE) REQUIREMENTS

*Once certified, the certification must renew (re-certify) on an annual basis.*

## ***Maintaining the certification requires:***

- Earning and reporting an annual minimum of 20 hours of continuing professional education
- Earning and reporting a minimum of 120 hours of continuing education for each fixed three-year period (each 3-year cycle)
- Paying the annual certification maintenance fee
- Responding to and submitting required documentation of continuing education activities if selected for an annual audit
- Comply with the *ISACA Code of Professional Ethics* ([www.isaca.org/ethics](http://www.isaca.org/ethics))

*Important Note: CPE must be earned in each cycle year and cannot be carried over from one year or cycle to another. Certified individuals that do not comply with the CPE policy, will be subject to revocation.*

***ISACA membership provides many CPE opportunities which can assist you with meeting this requirement. For more details visit [www.isaca.org/cpe](http://www.isaca.org/cpe).***

***CPE policy available at: [www.isaca.org/cisacpepolicy](http://www.isaca.org/cisacpepolicy)***

# CISM® CERTIFICATION DETAILS

[WWW.ISACA.ORG/CISM](http://WWW.ISACA.ORG/CISM)

[CONNECT](#) [MORE](#)



# **CISM CERTIFICATION CURRENT FACTS**

**Since its inception more than 30,000 professionals have earned the CISM designation**

**The CISM exam is offered in 5 languages (English, Chinese-Simplified, Japanese, Korean and Spanish) via computer-based testing (CBT) at testing centers throughout the world**

# WHY BECOME A CISM?

## *Enhanced Knowledge and Skills*

- To demonstrate your willingness to improve your technical knowledge and skills

## *Career Advancement*

- To demonstrate to management your proficiency toward organizational excellence
- To obtain credentials that employers seek
- To enhance your professional image

## *Worldwide Recognition*

- To be included with other professionals who have gained worldwide recognition

# **CISM IN THE WORKPLACE**

**Over 1,000 are employed in organizations as the CEO, CFO, VP/EVP or equivalent executive position.**

**Over 3,000 serve as CIOs, CISOs, or chief compliance, risk or privacy officers.**

**More than 8,600 are employed as security directors/managers.**

**More than 3,700 are employed as IT directors, managers, consultants and related staff.**

**Over 1,600 serve as IT audit directors, managers or consultants.**

**Over 2,800 serve as Compliance/Risk/Privacy Director/Manager/Consultant.**

**Over 3,800 serve as security staff, IT staff, IT/IS Compliance/Risk/Control staff.**

**More than 200 serve as chief audit executives, audit partners or audit heads.**

# CISM UNIQUENESS

## *What makes CISM unique?*

- Designed exclusively for information security managers
- Criteria and exam developed from job practice analysis validated by information security managers
- Experience requirement includes information security management

# CISM TARGET MARKET

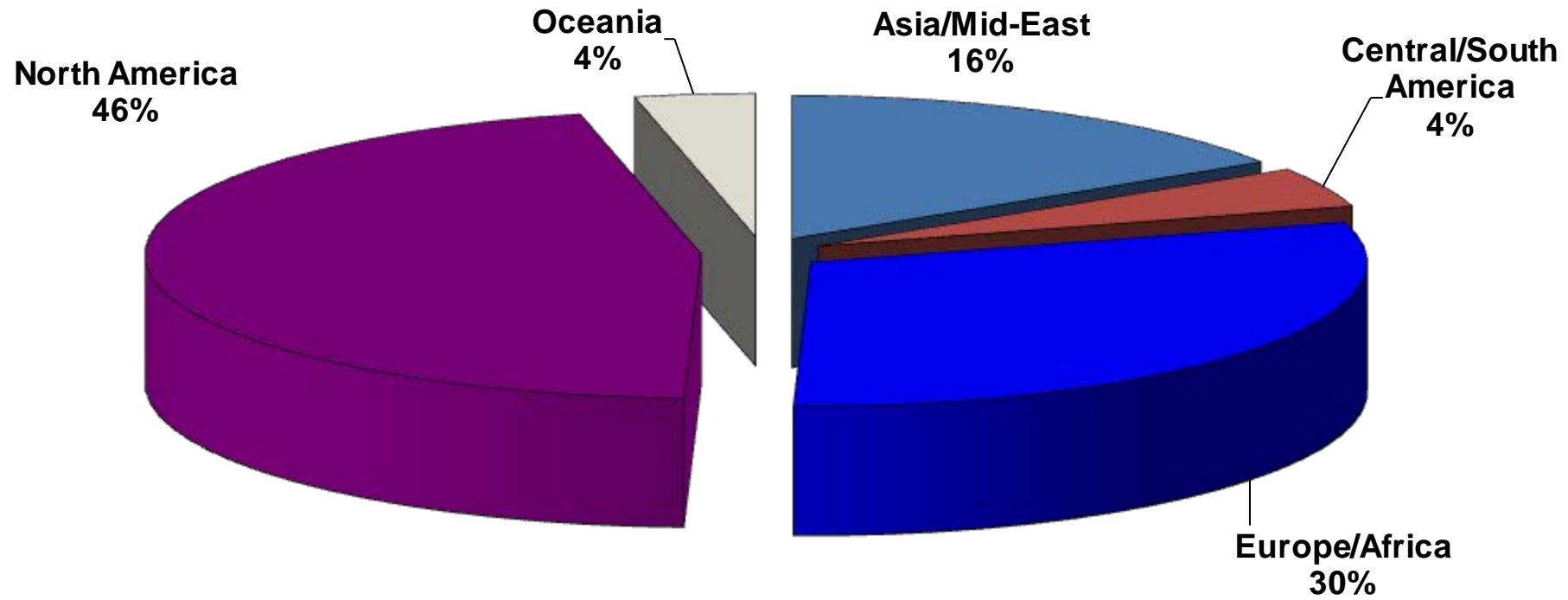
## *What is the CISM Target Market?*

**Individuals who design, implement and manage an enterprise's information security program**

- Security managers
- Security directors
- Security officers
- Security consultants



# CISMS BY GEOGRAPHIC AREA



# CISM JOB PRACTICE AREAS

(EFFECTIVE 2017)

- 1. *Information Security Governance (24%)*** – Establish and/or maintain an information security governance framework and supporting processes to ensure that the information security strategy is aligned with organizational goals and objectives.
- 2. *Information Risk Management (30%)*** – Manage information risk to an acceptable level based on risk appetite in order to meet organizational goals and objectives.
- 3. *Information Security Program Development and Management (27%)*** – Manage information risk to an acceptable level based on risk appetite in order to meet organizational goals and objectives.
- 4. *Information Security Incident Management (19%)*** – Plan, establish and manage the capability to detect, investigate, respond to and recover from information security incidents to minimize business impact.

For more details visit [www.isaca.org/cismjobpractice](http://www.isaca.org/cismjobpractice)

# CISM CERTIFICATION REQUIREMENTS

## *Certified Information Security Manager (CISM) Criteria:*

- Earn a passing score on the CISM exam
- Submit verified evidence of a minimum of five years of information security management work experience (covering 3 of the 4 job practice domains – [www.isaca.org/cismjobpractice](http://www.isaca.org/cismjobpractice) )
- Submit completed CISM application within 5 years of passing exam and receive approval
- Adhere to the *ISACA Code of Professional Ethics*
- Comply with the *CISM Continuing Professional Education Policy*

# ADMINISTRATION OF THE CISM EXAM

## 2017 Exam Windows:

### 1 November – 31 December 2017

- The CISM exam is offered in 5 languages via computer-based testing (CBT): Chinese-Simplified, English, Japanese, Korean, and Spanish
- Passing mark of 450 on a common scale of 200 to 800
- Once registered for an exam, candidates will be able to schedule their testing appointment for any date and time that is available at their location testing center during the scheduled window.

# 2017 REGISTRATION FEES

## EXAM: NOVEMBER/DECEMBER 2017

### *Registration Deadline – 20 December 2017:*

- ISACA Member: US \$575.00
- Non-Member: US \$760.00

*Register Online at [www.isaca.org/examreg](http://www.isaca.org/examreg) - registration opened on 1 August 2017*

Exam registration fees must be paid in full to sit for the exams. Those whose exam registration fees are not paid will not be able to schedule a testing appointment.

# TYPES OF QUESTIONS ON THE CISM EXAM

**Exam consists of 150 multiple choice questions administered over a four-hour period**

**Questions are designed to test practical knowledge and experience**

**Questions require the candidate to choose one best answer**

**Every question or statement has four options (answer choices)**

# QUALITY OF THE EXAM ENSURED BY

***Job Practice Analysis Study:*** Determines content

***Test Development Standards:*** Ensures high standards for the development and review of questions

***Review Process:*** Provides two reviews of questions by independent committees before acceptance into pool

***Periodic Pool Cleaning:*** Ensures that questions in the pool are up-to-date by continuously reviewing questions

***Statistical Analysis of Questions:*** Ensures quality questions and grading by analyzing exam statistics for each language

# CISM STUDY MATERIALS

ISACA offers a wide variety of study materials to assist you with your exam preparation.

To view the products available for purchase visit [www.isaca.org/cismbooks](http://www.isaca.org/cismbooks). A brief description as well as the costs are available at this link.

Visit your local chapter web site for any review course offerings. Find your chapter at [www.isaca.org/chapters](http://www.isaca.org/chapters).

Visit [www.isaca.org/cismprep](http://www.isaca.org/cismprep) for additional study information.



# HOW TO DEVELOP A CISM STUDY PLAN

*A proper study plan consists of several steps:*

- ✓ Self-appraisal
- ✓ Determination of the type of study program
- ✓ Having an adequate amount of time to prepare
- ✓ Maintaining momentum
- ✓ Readiness review
- ✓ Become involved in your local chapter and explore networking opportunities and study groups including joining the ISACA exam community

# HOW TO STUDY FOR THE CISM EXAM

Read the ISACA Candidate's Exam Information Guide thoroughly to familiarize yourself with the exam day rules and information. You can find a PDF copy at [www.isaca.org/examguide](http://www.isaca.org/examguide)

Study the CISM Review Manual

Work through the CISM Review Questions, Answers & Explanations Manual, Supplement and/or CD/subscription

Participate in an ISACA Chapter Review Course

Read literature in areas where you need to strengthen skills

Join or organize study groups including the ISACA exam community

# APPLICATION FOR CISM CERTIFICATION

To become certified as a CISM and enjoy the benefits of certification, one must earn the required job experience and submit a CISM application. The CISM Application for Certification is available at [www.isaca.org/CISMapp](http://www.isaca.org/CISMapp).

## ***General information:***

- Complete and submit CISM application with the requisite experience. To view the requirements for CISM certification – [www.isaca.org/cismrequirements](http://www.isaca.org/cismrequirements)
- Application requires the work experience to be verified. A Verification of Work Experience form is included in the CISM application
- When applying for certification, there is a US \$50 application processing fee.
- Abide by the ISACA Code of Professional Ethics ([www.isaca.org/ethics](http://www.isaca.org/ethics))
- Instructions for completion of form. Translated instructions are also available at [www.isaca.org/cismapp](http://www.isaca.org/cismapp).

**Until an application is received and approved, candidates are not CISM certified and cannot use the designation. Candidates have 5 years from the passing date to apply for certification (must submit a completed application by the 5 year deadline). If an individual does not submit a completed application within his/her 5 year timeframe, the exam score is voided and the individual will need to retest (and re-pass and apply for certification within 5 years) in order to gain the CISM certification.**

# CONTINUING PROFESSIONAL EDUCATION (CPE) REQUIREMENTS

***Once certified, the certification must be renewed (re-certified) annually. Maintaining the certification requires:***

- Earning and reporting an annual minimum of 20 hours of continuing professional education
- Earning and reporting a minimum of 120 hours of continuing education for each fixed three-year period (each 3-year cycle)
- Paying the annual certification maintenance fee
- Responding to and submitting required documentation of continuing education activities if selected for an annual audit
- Comply with the *ISACA Code of Professional Ethics* ([www.isaca.org/ethics](http://www.isaca.org/ethics))

***Important Note:*** *CPE must be earned in each cycle year and cannot be carried over from one year or one cycle to another. Certifications are subject to revocation for those that fail to comply with the CPE policy.*

***ISACA membership provides many CPE opportunities which can assist you with meeting this requirement. For more details visit [www.isaca.org/cpe](http://www.isaca.org/cpe).***

***CPE policy available at: [www.isaca.org/cismcpepolicy](http://www.isaca.org/cismcpepolicy)***

# CRISC® CERTIFICATION DETAILS

[WWW.ISACA.ORG/CRISC](http://WWW.ISACA.ORG/CRISC)

ACCOMPLISH [MORE](#)



# CRISC TARGET MARKET

***Designed exclusively for risk and information controls professionals who:***

- Identify, assess and analyze risk
- Design, implement and maintain controls to mitigate risk
- Respond to risk events

# WHY BECOME A CRISC?

## *Enhanced Knowledge and Skills*

- To demonstrate your willingness to improve your technical knowledge and skills

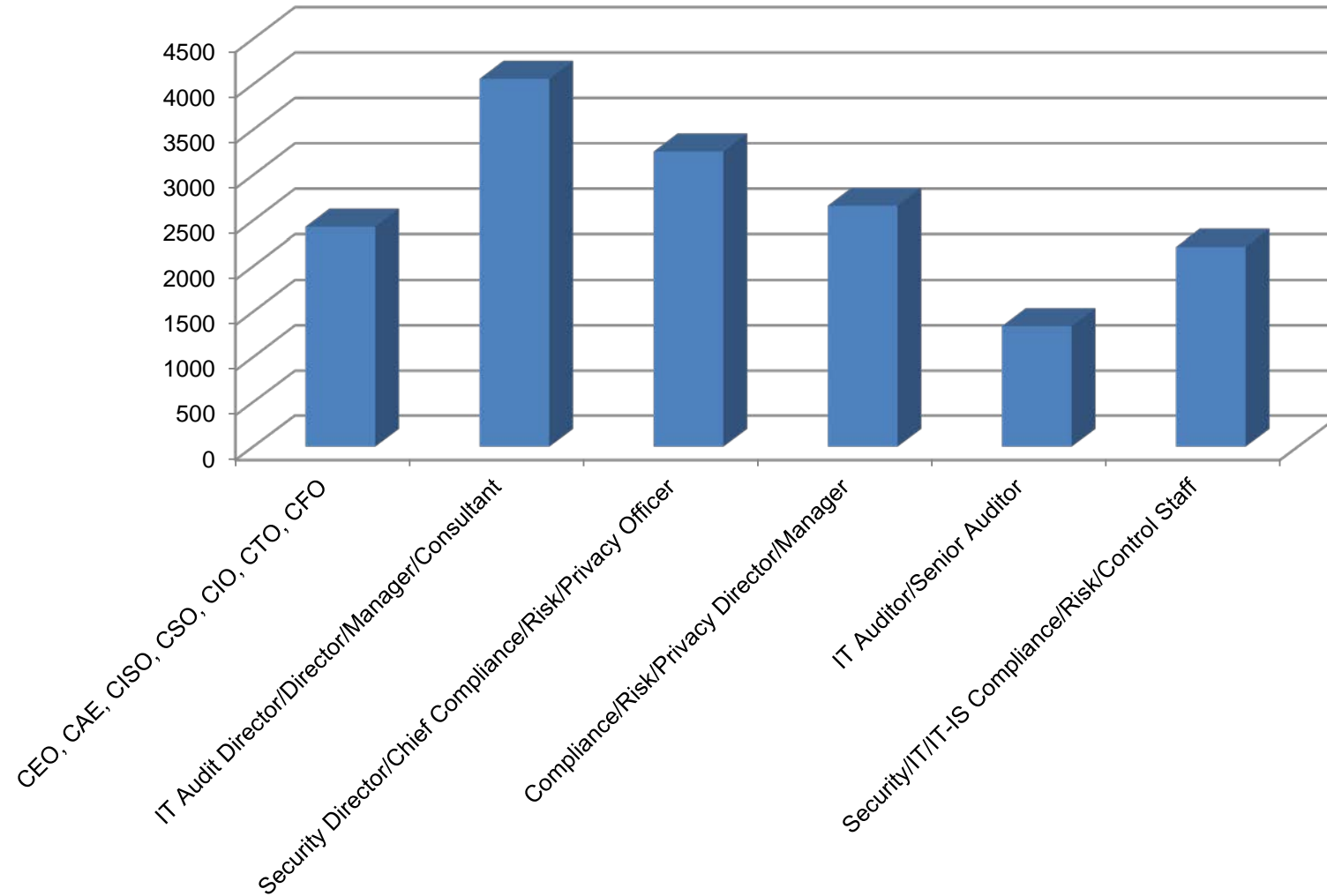
## *Career Advancement*

- To demonstrate to management your commitment toward organizational excellence
- To obtain credentials that employers seek
- To enhance your professional image

## *Worldwide Recognition*

- To be included with other professionals who have gained worldwide recognition

# CRISCs BY JOB TITLE

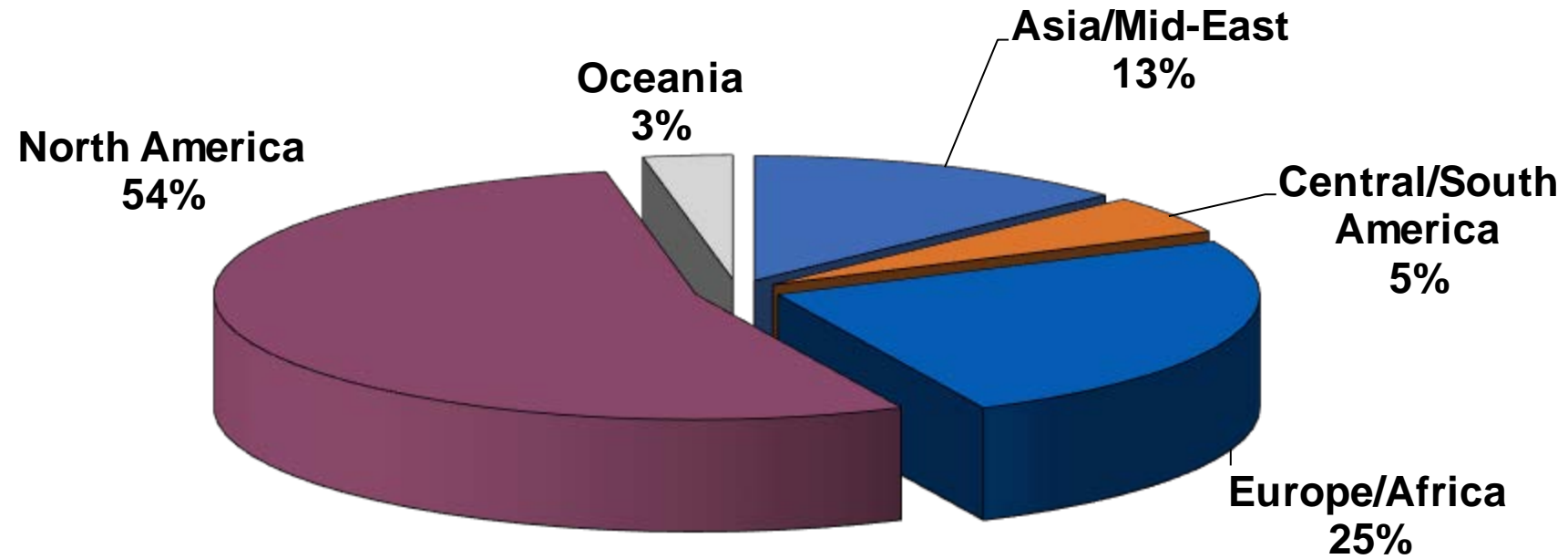




# CRISCs BY JOB TITLE

- More than 2,600 are CEO, CAE, CISO, CSO, CIO, CTO, CFO
- More than 4,100 are IT audit directors, directors, managers, consultants
- More than 3,400 are Security Director, Chief Compliance, Risk or Privacy Officer
- More than 2,700 are Compliance, risk or Privacy Directors or Managers
- More than 1,300 are IT Auditors or Senior Auditors
- More than 2,100 are Security, IT, IT-IS Compliance, Risk, or Control Staff

# CRISCs BY AREA



# CRISC JOB PRACTICE AREAS

## (EFFECTIVE FOR THOSE TESTING 2015 AND AFTER)

- **Domain 1—Risk Identification (27%)**

Identify the universe of IT risk to contribute to the execution of the IT risk management strategy in support of business objectives and in alignment with the enterprise risk management (ERM) strategy.

- **Domain 2—IT Risk Assessment (28%)**

Analyze and evaluate IT risk to determine the likelihood and impact on business objectives to enable risk-based decision making.

*Visit*

[www.isaca.org/criscjobpractice](http://www.isaca.org/criscjobpractice)

*To view the task and knowledge statements for the CRISC domains*

# CRISC JOB PRACTICE AREAS

(EFFECTIVE FOR THOSE TESTING 2015 AND AFTER)  
(CONTINUED)

- **Domain 3—Risk Response and Mitigation (23%)**

Determine risk response options and evaluate their efficiency and effectiveness to manage risk in alignment with business objectives.

- **Domain 4—Risk and Control Monitoring and Reporting (22%)**

Continuously monitor and report on IT risk and controls to relevant stakeholders to ensure the continued efficiency and effectiveness of the IT risk management strategy and its alignment to business objectives.

*Visit*

[www.isaca.org/criscjobpractice](http://www.isaca.org/criscjobpractice)

*To view the task and knowledge statements for the CRISC domains*

# CRISC CERTIFICATION REQUIREMENTS

- **Earn a passing score on the CRISC exam.**
- **Submit completed CRISC application within 5 years of passing exam and receive approval.**
- **Submit verified evidence of three (3) or more years of cumulative work experience performing the tasks of a CRISC professional across at least two (2) CRISC domains, of which one must be in Domain 1 or 2. There are no substitutions or experience waivers.**
- **Adhere to the ISACA Code of Professional Ethics.**
- **Comply with the CRISC Continuing Professional Education Policy ([www.isaca.org/crisccpepolicy](http://www.isaca.org/crisccpepolicy)).**

# ADMINISTRATION OF THE CRISC EXAM

## 2017 Exam Windows:

### 1 November – 31 December 2017

- The CRISC exam is offered in Chinese Simplified, English and Spanish via computer-based testing (CBT).
- Passing mark of 450 on a common scaled scale of 200 to 800
- Once registered for an exam, candidates will be able to schedule their testing appointment for any date and time that is available at their location testing center during the scheduled window.

# 2017 REGISTRATION FEES

## EXAM: NOVEMBER/DECEMBER 2017

### *Registration Deadline – 20 December 2017:*

- ISACA Member: US \$575.00
- Non-Member: US \$760.00

***Register Online at [www.isaca.org/examreg](http://www.isaca.org/examreg) - registration opened on 1 August 2017***

**Exam registration fees must be paid in full to sit for the exams. Those whose exam registration fees are not paid will not be able to schedule a testing appointment.**

# ISACA EXAM CANDIDATE INFORMATION GUIDE (INCLUDES REGISTRATION AND EXAM DAY INFORMATION)

## **Candidate Information Guide:**

The ISACA Exam Candidate Information Guide includes candidate information about exam registration, dates, and deadlines and provides important key candidate details for exam day administration. This publication is available online at [www.isaca.org/examguide](http://www.isaca.org/examguide). *Translated copies are also available in each of the exam languages at this link.*

*We recommend all exam candidates review this Guide to familiarize themselves with the exam day rules and information.*

## **Register Online:**

To register for an ISACA exam visit [www.isaca.org/examreg](http://www.isaca.org/examreg). All registrations must be completed online.



# TYPES OF QUESTIONS ON THE CRISC EXAM – 2016 EXAM CANDIDATES

- Exam consists of 150 multiple choice questions administered over a four-hour session
- Questions are designed to test practical knowledge and experience
- Questions require the candidate to choose one best answer
- Every question or statement has four options (answer choices)

# QUALITY OF THE EXAM ENSURED BY

- ***Job Analysis Study:*** Determines content
- ***Test Development Standards:*** Ensures high standards for the development and review of questions
- ***Review Process:*** Provides two reviews of questions by independent committees before acceptance into pool
- ***Periodic Pool Cleaning:*** Ensures that questions in the pool are up-to-date by continuously reviewing questions
- ***Statistical Analysis of Questions:*** Ensures quality questions and grading by analyzing exam statistics for each language

# 2017 STUDY MATERIALS

ISACA offers a complete line of study materials to assist you in your studies.

For a complete listing of materials including product descriptions visit:  
[www.isaca.org/criscbooks](http://www.isaca.org/criscbooks)

Additional resources to assist in studying for the exam visit:  
[www.isaca.org/criscprep](http://www.isaca.org/criscprep)

Sign up to join our exam communities for additional study tips.

# HOW TO DEVELOP A CRISC STUDY PLAN

***A proper study plan consists of several steps:***

- ✓ Self-appraisal
- ✓ Determination of the type of study program
- ✓ Having an adequate amount of time to prepare
- ✓ Maintaining momentum
- ✓ Readiness review
- ✓ Become involved in your local chapter and explore networking opportunities and study groups.

# HOW TO STUDY FOR THE CRISC EXAM

- Read the Candidate's Guide thoroughly to familiarize yourself with the exam day administration ([www.isaca.org/examguide](http://www.isaca.org/examguide))
- Study the CRISC Review Manual
- Work through the CRISC Review Questions, Answers & Explanations Manual or databases
- Participate in an ISACA Chapter Review Course
- Read literature in areas where you need to strengthen skills
- Spend time studying the complement of your field: If controls focused, study from risk focus and vice-versa
- Join or organize study groups, including ISACA exam community

# APPLICATION FOR CERTIFICATION

To become certified as a CRISC and enjoy the benefits of certification, one must earn the required job experience and submit a CRISC application. The CRISC Application for Certification is available at [www.isaca.org/CRISCapp](http://www.isaca.org/CRISCapp). CRISC applicants will need to download and complete the application which corresponds with their passing exam year.

## ***General information:***

- Complete and submit CRISC application with the requisite experience. To view the requirements for CRISC certification – visit [www.isaca.org/criscrequirements](http://www.isaca.org/criscrequirements)
- Application requires the work experience to be verified. A Verification of Work Experience form is included in the CRISC application
- When applying for certification, there is a US \$50 application processing fee
- Abide by the ISACA Code of Professional Ethics ([www.isaca.org/ethics](http://www.isaca.org/ethics))
- Instructions for completion of form

Until an application is received and approved, candidates are not CRISC certified and cannot use the designation. Candidates have 5 years from the passing date to apply for certification (must submit a completed application by their 5 year deadline). If an individual does not submit a completed application within his/her 5 year timeframe, the exam score is voided and the individual will need to retest (and re-pass and apply for certification within 5 years) in order to gain the CRISC certification.

# CONTINUING PROFESSIONAL EDUCATION (CPE) REQUIREMENTS

***Once certified, the certification must be renewed annually. Maintaining the certification requires:***

- Earning and reporting an annual minimum of 20 hours of continuing professional education
- Earning and reporting a minimum of 120 hours of continuing education for each fixed three-year period (each 3-year cycle)
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- Responding and submitting required documentation of continuing education activities if selected for an annual audit
- Comply with the *ISACA Code of Professional Ethics* ([www.isaca.org/ethics](http://www.isaca.org/ethics))

***Important Note:*** *CPE must be earned in each cycle year and cannot be carried over from one year or cycle to another. Certifications are subject to revocation for those that fail to comply with the CPE policy.*

***ISACA membership provides many CPE opportunities which can assist you with meeting this requirement. For more details visit [www.isaca.org/crisccpepolicy](http://www.isaca.org/crisccpepolicy)***

# CGEIT® CERTIFICATION DETAILS

[WWW.ISACA.ORG/CGEIT](http://WWW.ISACA.ORG/CGEIT)

[CONNECT](#) [MORE](#)





# MARKET NEED FOR CGEIT

## Individual

Defines the roles and responsibilities of professionals performing IT governance work and recognizes their professional knowledge and competencies; skill-sets; abilities and experiences

## Enterprise

Supports through the demonstration of a visible commitment to excellence in IT governance practices

## Business

Increases the awareness of IT governance good practices and issues

## Profession

Supports those that provide IT governance management, advisory or assurance direction and strategy

# CGEIT: WHO IS IT FOR?

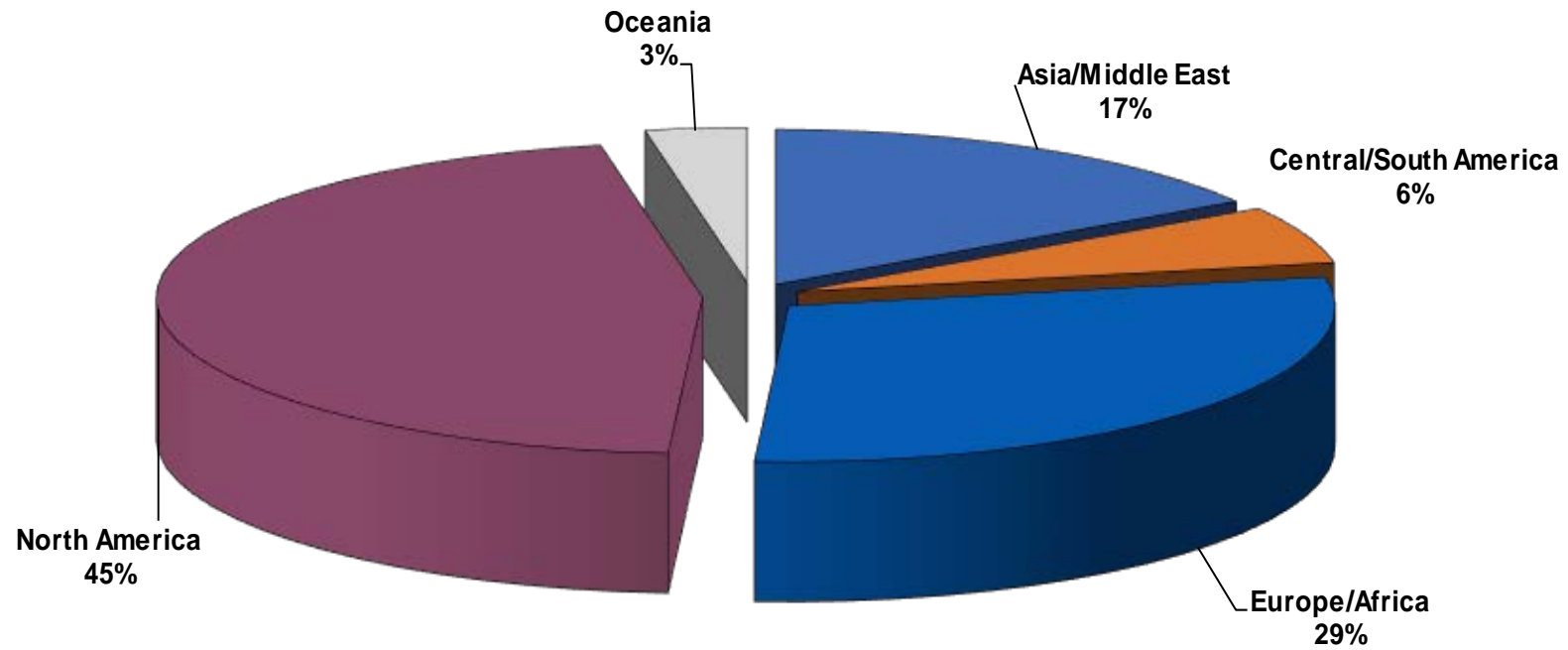
The CGEIT certification is intended to recognize a wide range of professionals for their knowledge and application of IT governance principles and practices.

It is designed for professionals who have management, advisory, or assurance responsibilities as defined by the CGEIT Job Practice consisting of IT governance related task and knowledge statements.

# CGEITS IN THE WORKPLACE

- **More than 1,400 are IT directors, managers, consultants and related staff**
- **More than 1,000 are audit directors, managers, consultants and related staff**
- **More than 700 are employed in managerial, consulting or related positions in IT operations or compliance**
- **More than 600 are security directors, managers, consultants and related staff**
- **More than 600 are CIOs, CISOs or chief compliance, risk or privacy officers.**
- **More than 400 CGEITs serve as CEOs, CFOs or equivalent executives**
- **More than 650 serve as Compliance/Risk/Privacy Director/Manager/Consultant**

# CGEITS BY GEOGRAPHICAL AREA



# **CGEIT JOB PRACTICE AREAS**

**(EFFECTIVE JUNE 2013)**

## **1. Framework for the Governance of Enterprise IT (25%)**

Ensure the definition, establishment, and management of a framework for the governance of enterprise IT in alignment with the mission, vision and values of the enterprise.

## **2. Strategic Management (20%)**

Ensure that IT enables and supports the achievement of enterprise objectives through the integration and alignment of IT strategic plans with enterprise strategic plans.

## **3. Benefits Realization (16%)**

Ensure that IT-enabled investments are managed to deliver optimized business benefits and that benefit realization outcome and performance measures are established, evaluated and progress is reported to key stakeholders.

# CGEIT JOB PRACTICE AREAS

(EFFECTIVE JUNE 2013, *CONTINUED*)

## 4. Risk Optimization (24%)

Ensure that an IT risk management framework exists to identify, analyze, mitigate, manage, monitor, and communicate IT-related business risk and that the framework for IT risk management is in alignment with the enterprise risk management (ERM) framework.

## 5. Resource Optimization (15%)

Ensure the optimization of IT resources including information, services, infrastructure and applications, and people, to support the achievement of enterprise objectives.

*The job practice statements are further defined by task and knowledge statements – to learn more visit [www.isaca.org/cgeitjobpractice](http://www.isaca.org/cgeitjobpractice)*

# CGEIT EXPERIENCE REQUIREMENTS (FOR THOSE TESTING JUNE 2013 AND FORWARD)

- Earn a passing score on the CGEIT exam
- Submit verified evidence of the five years experience requirements as defined by the *CGEIT Job Practice*
- Submit the CGEIT application (within 5 years of passage of the exam) and receive approval
- Adhere to the ISACA *Code of Professional Ethics*
- Comply with the CGEIT *Continuing Education Policy*

*Application found at: [www.isaca.org/CGEITapp](http://www.isaca.org/CGEITapp) (select application for those taking and passing the exam June 2013 and later)*

*CGEIT requirements found at [www.isaca.org/cgeitrequirements](http://www.isaca.org/cgeitrequirements)*

# ADMINISTRATION OF THE CGEIT EXAM

## 2017 Exam Windows:

**1 November – 31 December 2017**

- The CGEIT exam is offered in Chinese Simplified and English via computer-based testing (CBT).
- Passing mark of 450 on a common scaled scale of 200 to 800
- Once registered for an exam, candidates will be able to schedule their testing appointment for any date and time that is available at their location testing center during the scheduled window.



# 2017 REGISTRATION FEES

## EXAM: NOVEMBER/DECEMBER 2017

### *Registration Deadline – 20 December 2017:*

- ISACA Member: US \$575.00
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***Job Practice Analysis Study:*** Determines content

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***Periodic Pool Cleaning:*** Ensures that questions in the pool are up-to-date by continuously reviewing questions

***Statistical Analysis of Questions:*** Ensures quality questions and grading by analyzing exam statistics for each language

# HOW TO DEVELOP A CGEIT STUDY PLAN

*The CGEIT exam consists of 150 multiple choice questions given over a four (4) hour session.*

*A proper study plan consists of several steps:*

- ✓ Self-appraisal
- ✓ Determination of the type of study program
- ✓ Having an adequate amount of time to prepare
- ✓ Maintaining momentum
- ✓ Readiness review

# HOW TO STUDY FOR THE CGEIT EXAM

*For detailed descriptions of the available study materials: [www.isaca.org/cgeitbooks](http://www.isaca.org/cgeitbooks)*

*For information on preparing for the CGEIT exam visit: [www.isaca.org/cgeitprep](http://www.isaca.org/cgeitprep)*

*Members can enjoy discounts on study materials!!*

# HOW TO STUDY FOR THE CGEIT EXAM

*(CONTINUED)*

- Resources available at [www.isaca.org/cgeitprep](http://www.isaca.org/cgeitprep)
- Read the ISACA Exam Candidate Information Guide thoroughly to familiarize yourself with the exam day administration. [www.isaca.org/examguide](http://www.isaca.org/examguide)
- Read the literature and reference materials available at: [www.isaca.org/cgeitreferences](http://www.isaca.org/cgeitreferences)
- Participate in an ISACA Chapter Review Course
- Read literature in areas where you need to strengthen skills
- Join or organize study groups including an ISACA exam community

# APPLICATION FOR CERTIFICATION

CGEIT Application for Certification available at [www.isaca.org/cgeitapp](http://www.isaca.org/cgeitapp).

*Note that as requirements vary by exam passage date, CGEIT applicants will need to select the application which corresponds to their CGEIT exam passage date.*

## **General information:**

- Complete and submit CGEIT application with the requisite experience. To view the requirements for CGEIT certification – [www.isaca.org/cgeitrequirements](http://www.isaca.org/cgeitrequirements)
- Application requires the work experience to be verified. A Verification of Work Experience form is included in the CGEIT application
- When applying for certification, there is a US \$50 application fee.
- Abide by the ISACA Code of Professional Ethics ([www.isaca.org/ethics](http://www.isaca.org/ethics))

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# CONTINUING PROFESSIONAL EDUCATION (CPE) REQUIREMENTS

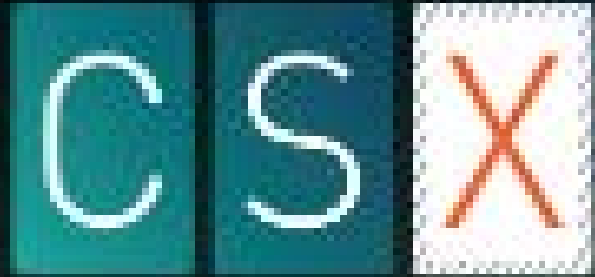
***Once certified, the CGEIT certification must be renewed (re-certified) on an annual basis.***

***Maintaining the certification requires:***

- Earning and reporting an annual minimum of 20 hours of continuing professional education
- Earning and reporting a minimum of 120 hours of continuing education for each fixed three-year period (each 3-year cycle)
- Paying the annual certification maintenance fee
- Responding to and submitting required documentation of continuing education activities if selected for an annual audit
- Comply with the *ISACA Code of Professional Ethics* ([www.isaca.org/ethics](http://www.isaca.org/ethics))

***⚠ Important Note:*** *CPE must be earned in each cycle year and cannot be carried over from one year or cycle to another. Certified individuals that do not comply with the CPE policy, will be subject to revocation.*

***⚠ ISACA membership provides many CPE opportunities which can assist you with meeting this requirement. For more details visit [www.isaca.org/cgeitcpepolicy](http://www.isaca.org/cgeitcpepolicy)***



CYBERSECURITY NEXUS

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# CYBERSECURITY NEXUS™ (CSX)

## GAINED NOT GIVEN

Experience and judgment. Strength and momentum. Confidence and trust. They're all gained by the things we accomplish. And like anything truly valuable, they're never just given. Cybersecurity Nexus™ (CSX) is a new program designed for the most ambitious cyber security professionals, empowering them to elevate their work, take control of their career paths and earn their place amongst the best.

LEARN MORE 

DISCOVER CSX

<https://cybersecurity.isaca.org/csx-nexus>

# CSX GOES BEYOND

## CREDENTIALING

Earn a professional cyber security certificate or performance-based certification.

[Cybersecurity Fundamentals](#)

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[CSX Practitioner](#)

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[Certified Information Security Manager \(CISM\)](#)

## TRAINING FOR INDIVIDUALS

Gain critical knowledge and build technical cyber security skills with CSX training programs.

[Cybersecurity Fundamentals Online Course](#)

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[CSX Practitioner Courses](#)

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[CSX Accelerated Cybersecurity Skills Training](#)

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[CSX Packet Analysis Course](#)

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[CSX Network Application and Configuration Course](#)

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[CSX Linux Application and Configuration Course](#)

## OPPORTUNITIES FOR ENTERPRISES

Train your entire team with special programs geared towards organizations.

[Cybersecurity Nexus \(CSX\) Training Platform](#)

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[Training Opportunities for Enterprises](#)

# CSX CERTIFICATES

- Certification helps individuals demonstrate their skills and prove that they know the most current cyber security standards, and offers employers confidence that their employees are up to demanding tasks.
- Our performance-based CSX Practitioner and Certified Information Security Manager® (CISM®) certifications provide the credibility needed for cyber career mobility. Many global organizations and governmental agencies recognize and oftentimes require certifications because they know credential holders will add cyber security value to their enterprise.



CYBERSECURITY FUNDAMENTALS CERTIFICATE



# CSX PROGRAMS



## CYBERSECURITY FUNDAMENTALS CERTIFICATE

As the entry point to our cyber security program, our Cybersecurity Fundamentals program offers a knowledge-based certificate in the introductory concepts that frame and define the standards,

[more ▼](#)

For college students, recent graduates, those new to cyber security, as well as those looking to change careers.



## CSX PRACTITIONER

The CSX Practitioner designation is a globally-offered certification for cyber security professionals. This certification allows you to professionally serve as a first responder who is an expert at following

[more ▼](#)

An entry-level certification for professionals who want to demonstrate technical skills and abilities in cyber security.

# CSX PRACTITIONER COURSES

## **CSX Practitioner Course 1: Identification and Protection**

Focuses on concepts and skills needed to recognize, assess and remediate specific internal and external network threats, and to implement cyber security controls to protect a system from identified threats.

## **CSX Practitioner Course 2: Detection**

Centered on building skills to leverage cyber security controls to identify system events and non-event level incidents, and to detect potential network events and incidents.

## **CSX Practitioner Course 3: Respond and Recover**

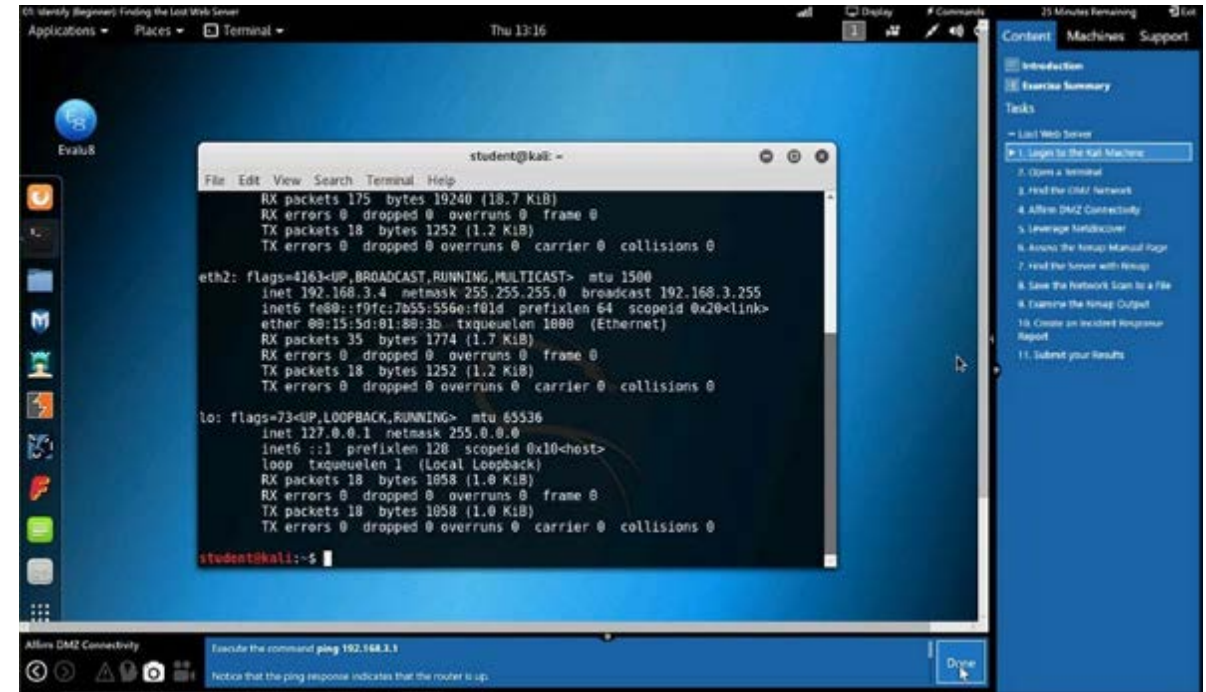
This course focuses on skills required to draft and execute comprehensive incident response plans, including maintaining proper isolation and incident response information and documentation.

# CSX TRAINING PLATFORM

- Subscription-based platform that provides performance-based training for individuals within an organization any time, anywhere
- Vibrant, evolving environment
- Covers known threat types with different levels of sophistication
- Organizations influence and can co-create future labs/content to meet ongoing needs and opportunities

*Assessment scoring can be reported to the enterprise, the individual or both*

<https://cybersecurity.isaca.org/csx-certifications/csx-training-platform>



Task	Completed	Percentage
Saved LAN scans	Yes	12%
Saved DMZ scans	Yes	12%
Saved pfSense Backup	Yes	12%
Found the RAT	No	12%
Blocked the RAT port	No	12%
Setup HTTP server in DMZ	Yes	12%
Setup Firewall Port for HTTP server	Yes	12%
Re-Imaged damaged computer	Yes	12%
Grade:	72%	
Duration:	38 minutes	
Completed:	2017-02-09 16:09:31 UTC	
Student:	Dustin Brewer	



**|** *Questions/  
Comments*



## YOUR SPEAKER

Rosemary M. Amato, CMA, CISA is a Director in The Netherlands member firm of Deloitte.

As a former board member for ISACA, and a former member of their Audit Committee, Rosemary is highly supportive of all ISACA certifications.

Her current role is Managing Director in Global Finance serving as the EMEA controller.

Her previous roles in Deloitte included serving clients in the Risk Advisory business as well as other internal roles in Knowledge Management and Global Clients & Industries.

Rosemary has been recognized as an accomplished speaker on a variety of topics including: Data visualization, Digital and Digitalization, GRC, IT Audit, Business Process controls, FDA regulations, and more.

Over the past 20 years she has spoken at events across the globe for the IMA, ISACA, SAP, PeopleSoft, JDEdwards, Oracle, J.Boye, KMWorld and other organizations.

Her topic for the 15 November C\*\*\*\* day is something she was very excited about sharing with you. You can reach Rosemary at [rosemary@amato.nl](mailto:rosemary@amato.nl), or via LinkedIn: <http://www.linkedin.com/in/rosemaryamato>





# WANT TO KNOW MORE?

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