The Institute of Internal Auditors Albania

ALBANIAN ASSOCIATION OF BANKS
SHOQATA SHQIPTARE E BANKAVE

CYBERSECURITY IN DIGITAL ERA

Non-Technical aspects of Cybersecurity
everyone in your team needs to know

Date *5 – 6 May 2021*

Time*: 12:00 – 16:00 (both days)*

Location *– Zoom*

Course director: *Komitas STEPANYAN, PhD, CRISC, CRMA, CobIT Cert.*

Introduction

As per the World Economic Forum's Global Risks Report 2021, and European Confederation of Institutes of Internal Auditors Risk in Focus 2021 cyber risks have topped the global risks list. Unlike previous years, the unprecedented circumstances of the global pandemic, the biggest global risk event in recent memory, have undoubtedly shaped the outlook for 2021. However, coronavirus itself is not a principal risk. Rather than posing new threats, the pandemic has exacerbated existing risks, putting them in a new light and forcing organizations to think about them from different angles or assign to them new levels of priority.

The rapid evolution of technologies and cyber threats consistently widens the knowledge gap between experts and everyday users. That's why we try to bridge that gap with cybersecurity information and resources. Organizations have already prioritized cyber security issues and allocated more budget on it. Now they are aware that cyber threats are a concern not only for IT-s responsible in a business setting, but for any person who owns or uses a smartphone, computer, tablet, or other device. People at all levels contribute to the risk and protection of an organization's cybersecurity practice. The fact that they work there makes them a risk, that's why training is critical for everyone in the organization."

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Course objective

The main objective of this training course is to present what is cybersecurity, explain major cybersecurity risks and challenges as well as solutions how to deal with cybersecurity in the digital world.

After the course, participants will learn:

- ✓ What is cybersecurity – is it only about technology and/or technical (IT) issues?
- ✓ Fundamental challenges of cybersecurity
- ✓ What is cybersecurity hygiene?
- ✓ How can individuals and companies prevent primary hacking attacks and keep safe their data and information?
- ✓ How to assess companies' cybersecurity inherent risk and identify appropriate maturity level?

Participants will learn about cybersecurity hygiene, which can prevent about 80% of attacks; main types of popular cyber-attacks; several frameworks of cybersecurity, as well as several tools and technics, which are widely used in the worldwide nowadays for cybersecurity maturity and cybersecurity risk assessment.

Target audience

This **course is designed for internal auditors *(junior and senior)*, risk officers, compliance officers, human resources officers, organization officers, or anyone in the organization**, who has general understanding of risks and controls, and **anyone with little or even without any background and/or knowledge in cybersecurity can participate**, who wants ether create or develop knowledge in the **GRC and audit of cybersecurity**.

Content

DAY 1

Introduction – 5min ***(+ 15 min for participants to introduce themselves)***

- Course agenda

Cybersecurity challenges – 30min

- Digital era
- What Is Cyber Security and why does it matter?
- IoTs; Social networks; Public Wifi; Cloud; BYOD; Ransomware
- What to do to be prepared?

5 Most Common Types of Cyber Attacks – 40min

- Malware
- Phishing
- Social Engineering
- Credential (logins and passwords) Reuse

Online Coffee Break ☕ **15min**

Cybersecurity Frameworks: how to address Cybersecurity at the organization level? – 90min

3 lines of defense model for addressing Cybersecurity IT/Cybersecurity Frameworks:

- Cobit,
- CIS top 20 controls
- NIST
- FFIEC Cybersecurity maturity assessment tool

How to link Cybersecurity inherent risk to maturity level of the organization?
How to use for annual planning and audit engagement phases

Q&A – 20min

S**ummary and key takeaways – 10min**

DAY 2

IT for NON-IT personnel: Main controls for Cyber Security – 30min

- Firewall
- Permission management
- Privileged users management

COVID 19: Addressing Business Continuity in the online world

Cyber resilience – what is it? – 20min

System Hardening – 40min

- Patch management
- Configuration management
- Configuration analysis: tools you can easily use
- Logging and monitoring: How to analyze and what to look during log analyses?

Online Coffee Break  **15min**

Case Study (group work) – The Bangladesh Central Bank Cyber Heist - 90min

Summary and key takeaways – 20min

INSTRUCTOR BIO

This training course will be delivered by Komitas Stepanyan, who is internationally certified professional and recognized cybersecurity expert for the IMF and The World Bank Group.

Komitas is a chair of cybersecurity sub-group in the Alliance of Financial Inclusion (AFI) and recently his group published "Cybersecurity for financial inclusion: Framework & Risk Guide".

Komitas is the Deputy Director of the Corporate Services and Development Directorate, and mainly responsible for Information & Cybersecurity; Technical & Physical Security; IT and Business Continuity Management at Central Bank of Armenia. He has 20+ years of experience working as a network and system administrator, information security professional, Internal Audit consultant, cybersecurity consultant. More than 10 years he has the head of IT auditing division at the Central Bank of Armenia, providing audit and consulting services including information and cybersecurity audits.

Working as a short-term expert for cyber risk management, regulation and supervision and IT fraud examination for International Monetary Fund and The World Bank Group, he conducted and led several Technical Assistance and capacity-building missions covering a diverse range of countries and topics in Africa, Asia, and Pacific.

In 2018, has been working as a Consultant for The World Bank to provide:

- ✓ Technical assistance to the Ministry of Finance of Armenia to simplify and update the internal audit methodology to make more practical for broader application
- ✓ Train Ministry of Finance's internal audit central harmonization unit and internal auditors from ministries and government agencies *(about 150 auditors)* in the new internal audit methodology
- ✓ Pilot the updated internal audit manual in three different institutions

Komitas is a holder of several international certificates: Certified in Risk and Information Systems Control *(CRISC- issued by ISACA)* and Certification in Risk Management Assurance *(CRMA- issued by IIA)*, Cobit Foundation Certificate *(CobitF - issued by ISACA)* and currently working to become a Certified Fraud Examiner.

IMPORTANT FINANCIAL DATA

Cost per participant: **AIIA Members 190 €** *(VAT included)*

Non-members 210 € *(VAT included)*

Price includes course attendance and educational material.

Payment* can be made by bank transfer or direct deposit by using the following account info:

Account Holder**: Albanian Institute of Internal Auditors** Acc.no**: 0010039700**

Swift: **SGSBALTX** IBAN: **AL43 2021 1123 0000 0000 1003 9700**

Raiffeisen Bank Albania

Contact us for quotes related to more than two participants from the same organization or other information: info@aiia.al

* *Important: The transferred amount **must include** the entire amount as stated above. No shortfalls due to exchange fee/or other administration charges may arise. Albanian Institute of Internal Auditors has to receive the amount that is stated in your invoice.*

REGISTRATION FORM

Understanding and auditing Cybersecurity:

Challenges for auditors and IT risk professionals

5 - 6 May 2021, Tiranë, Albania.

Full name			
Position			
Company name		VAT No.	
Contact Tel.		Email	
Address			

Cancellation Policy:
Places on AIIA Training courses are limited so we therefore operate a cancellation policy regarding refund.

1. *In case of cancellation of a training event by AIIA or related partner, we will endeavour to inform all participants 10 days before the course is due to take place, although please be aware that this is not always possible. All course fees paid will be reimbursed in full, but we are unable to reimburse any other costs that may have been incurred, including flights, accommodation etc.*
2. *No refund will be made for:*
   a. *Bookings cancelled less than three weeks before the event, except in exceptional circumstances and then only at the discretion of Albanian Institute of Internal Auditors.*
   b. *Non-attendance on the course.*
3. *For bookings cancelled three or more weeks before a course is due to start, 100% per cent of course fees paid will be refunded to the applicant.*

• I confirm all the data I provided is true and accurate.
• I confirm that I read the training program and I agree to have such content delivered during the course.

Name Surname Signature

Date, location