QuBit Conference Belgrade 2017

QuBit
Conference

18 - 19 OCTOBER 2017
BELGRADE, SERBIA
HOTEL CROWNE PLAZA
belgrade.qubitconference.com

QuBit Conference
Belgrade 2017

QuBit is a **Cybersecurity Community Event** connecting the East and West. Based on the success in Prague and CEE region in combination with the Southern hunger for educational conference, we decided to expand further and bring QuBit also to SEE region.

We believe in the safer world created by cooperation among regions and countries. We endeavor to play a transparent game with the clean shield and we are willing to share the bright ideas and support the community with this mission as well.

THE LEADING **COMMUNITY EVENT** FOR **CYBER SECURITY** INDUSTRY

ABOUT QUBIT CONFERENCE

QuBit Conference

QuBit is THE destination to develop and strengthen relationships with decision makers and industry visionaries, for advancing the security conversation forward through education, discussion and relationship building.

2014

THE FIRST QUBIT CONFERENCE IN PRAGUE

150+
EXPECTED ATTENDEES

25+
SPEAKERS

1170
MIN SESSIONS

TESTIMONIALS

QUBIT **PRAGUE** 2017

prague.qubitconference.com

"Nicely organized conference.
Good speakers.
Interesting use-cases.
Great hands-on demonstrations."

"Interesting topics with reputable and skilled speakers; very nice venue."

"I have a globally positive opinion on the conference. There was no problem with the logistic and speakers had interesting things to say.
I liked the fact that there was **no purely commercial presentations**."

"Event was well organized, everything was beyond my expectations."

"Positive surprise!
Very good networking."

QuBit Conference Belgrade 2017 | 18 - 19 October

SPEAKING
BUREAU

QuBit Speaking Bureau brings audiences quality speakers and experts whose ideas and case studies are inspiring the cyber world.

HEAD OF SPEAKING BUREAU - **Andrea Kropacova**
Security Advisor at CESNET, Czech Republic

Andrea began her career as a network administrator, manager of network services and occasional programmer in the CESNET association. In 2004, she assembled the first CSIRT team in the Czech Republic officially recognised by the worldwide security community, the team CESNET-CERTS, which operates in the CESNET national research network.
Experience with the creation of this academic team helped her with the building of CSIRT.CZ which currently fulfills the role of National CSIRT team of the Czech Republic. Andrea also initiated the establishment of FLAB, Forensic Laboratory, in CESNET which was begun in 2011 and today represents one of the security expert units in CESNET.

Etay Maor
Executive Security Advisor at IBM Security, USA

Cedomir Novakovic
Site Reliability Engineer at SupplyFrame, Serbia

Miladin Ivanovic
Information Security at Ministry of Interior, Serbia

Etay is an executive security advisor at IBM Security, where he leads security and fraud fighting awareness and research. A security evangelist, Etay regularly presents at industry events and academic master classes as well as volunteer for educational security awareness programs.
Previously, Etay was the Head of RSA's Cyber Threats Research Labs where he managed malware research and intelligence teams and was part of cutting edge security research.
Etay holds a BA in Computer Science and a MA in Counter Terrorism and Cyber Terrorism.

Senior Cybersecurity and Network Consultant. Cedomir is one of the leading experts in multiple IT fields (from security primarily, but also a lot of other technologies).
Former employee of Mozzart on-line betting system, largest in Adriatic region with multiple companies in different countries, even in Bulgaria. He is now working for US company here in Belgrade.

Master Engineer in Information Systems and Technology (Faculty of organisational sciences in Belgrade university). Working in Ministry of Interior of Republic of Serbia since 2011. Two years worked in Certification Authority of Ministry of Interior as security engineer. Afterwards, worked in IT security department, mostly on jobs related to electronic data exchange and eGoverment projects. Curently workin as deputy head of Information security department in Ministry of interior.

Time		Session
8.00 - 8.50		Registration
9.00 - 9.10		Conference Opening

KEYNOTE

9.10 - 9.40	**Quo Vadis?**
	**Jan Kolouch	Lecturer and Legal Advisor at CESNET	Czech Republic**
	The inspirational keynote speech.

BUILDING COOPERATION & SKILLS IN AREA OF CYBERSECURITY AT (INTER)NATIONAL LEVEL

9.45 - 10.30	**Possibility of Cyber Terrorist Attacks in Western Balkan Area**
	**Zoran Zivkovic	Društvo za informacionu bezbednost Srbije	Serbia**
	The status of cyber security in Western Balkan area, regional regulation, readiness and defensive capability, critical infrastructure, potential terrorist targets, possible damage and long term influence for general security status.

10.30 - 11.15	**Information Manipulation and Its Vast Negative Potential in Cybercrime and Cyberspace in General**
	**Jani Antikainen	Founder at Sparta	Finland**
	Information manipulation is a less known type of cyberattack, in which the perpetrator makes changes to target's information assets, compromising the integrity and trustworthiness of those instead of stealing the information or denying access to it.

10.45 - 12.45 Side Room
SECURE PATH WORKSHOP
SIEM Do It Yourself

Milorad Jevtovic
System Engineer at Saga | Serbia

Djordje Zecevic
Security Solutions Department at Saga | Serbia

11.15 - 11.30	Coffee Break

TECHNICAL & THREAT INTELLIGENCE SHARING

11.30 - 12.15	**PANEL DISCUSSION: Network Forensics Investigations of APT Attacks**
	**Moderator: Peter Beres	Managing Partner at SophistIT	Slovakia**
	Speakers: **Ondrej Krehel**	CEO at LIFARS	USA
	O´Shea Bowens	Freelance Security Researcher	USA

12.15 - 12.45	**Cooperative Fabric for Better Security**
	**Ivan Scavnicar |Presales System Engineer at Fortinet	Croatia**

12.45 - 14.00	Lunch

14.00 - 14.30	**Honeypot - Old or New Way to Protect**
	**Vladimir Petrovic	Security Consultant at Unicom Telecom	Serbia**
	Is there a future for honeypot, can we use it now as cybersecurity is rapidly changing, not only in attacking but also in defending side? In this presentation, we will show analysis if there is any new possibilities of using honeypot in new era of cybersecurity.

14.00 - 16.00 Side Room

ROUND TABLE DISCUSSIONS
CSIRT Round Table

Lukas Hlavicka | CSIRT.SK | Slovakia
Dragoslav Stanizan | RATEL | Serbia
Darko Sehovic | Association of Serbian banks
Andrea Kropacova | Security Advisor at CESNET | Czech Republic
Dragan Mladenovic | Ministry of Defence | Serbia

CISO Round Table
Limited number of participants. Preregistration needed.

14.30 - 15.00	**CASE STUDY: Hard life of Crypt0l0cker**
	**Martin Cernac	Forensic Analyst at CESNET	Czech Republic**
	The cooperation of the University CSIRT with the experts from Forensic Laboratories of CESNET is described and the analysis of Crypt0l0cker installation process is presented. Finally, the weak spots of malware are identified and this information is used to disrupt installation of the malware.

15.00 - 15.30	Coffee Break

15.30 - 16.00	**Neural Networks and Challenges in Detection Malicious DNS Traffic**
	**Robert Sefr	CTO at Whalebone	Czech Republic**
	Deep learning brings lot of new possibilities in detection previously unknown attacks, however could be also tricky because of the false positives.

16.00 - 16.40	**PAAS: Phishing As A Service**
	**Nadav Avital	App Security Leader at Imperva	Israel**
	In this talk we will examine a phishing campaign and show new ways cybercriminals are leveraging compromised servers to lower the cost of phishing.

16.40 - 17.10	**General Problem in Building Effective Security Operations Center Operational Excellence Is Practical Experience in Addressing Attacks**
	**Vladan Todorovic	Managing Director at Advanced Security Technologies	Serbia**

17.10 - 17.40	**LIGHTNING TALKS** Novel Cybersecurity Challenges in Cloud-based Critical Infrastructures
	**Imre Lendak	Professor at University of Novi Sad	Serbia**
	Procedures for Detecting Cybercrime Activities on Websites
	**Ioan-Cosmin Mihai	Associate Professor at A.I. Cuza" Police Academy	Romania**
	Game Integrity Protection of Online Poker Platform
	**Dusan Katilovic	CEO at Polatris Consulting	Serbia**

20.00 - 23.00	**NETWORKING DINNER sponsored by SophistIT**

DAY 2 | 19 OCTOBER
Conference Agenda

QuBit Conference

8.30 - 9.00		Registration

8.00 - 16.00 Side Room

9.00 - 9.30	KEYNOTE	**The IT of Another Europe, Building Systems We Can Trust Again** **Arjen Kamphuis | Lead Advisor IT Security at Brunel | Netherlands** IT is everywhere but still has a long way to go to reach the reliability of older technologies. Nothing is irreplaceable and by replacing what we know we cannot trust by things we can a future of computing under control of citizens is possible.

HANDS-ON TRAINING
Malware Analysis for Beginners

Trainer:
Ladislav Baco
System Engineer at
CSIRT.SK | Slovakia

9.30 - 10.00	ROLE OF SOCIAL MEDIA IN AREA OF CYBERSECURITY	**LIVE DEMO: From a Lie to Full Control Demo** **Aleksandar Mirkovic | CISO at Opportunity bank / eSecurity Assotiation | Serbia** Demonstrate how to find good info on social networks, fake mail and web site and get info about victims computer or network, find and exploit those vulnerabilities and be in full control.
10.00 - 10.30		**Social Engineer - Advanced Preparations & Improvisation** **Yehia Mamdouh | Penetration Tester & Security Researcher at DTS-Solution | United Arab Emirates** What is the Advanced preparations that we should use in order to be legitimate? In this talk, we will learn how to improvise successful scenarios; What kind of knowledge we should have to increase our capabilities in improvisation; We will know the mitigation gaps and how we are going to fix them?

10.30 - 10.45		Coffee Break

10.45 - 11.30	IOT	**LIVE DEMO: Dark Side of IoT** **Vladislav Iliushin | Avast Hacker at Avast Software | Czech Republic** Let's take a look into the world of IoT and how easy it is to control such devices remotely. How much time will it take to learn how to hack a coffee machine or kettle and why EU laws are several steps behind.
11.30 - 12.00		**Ensuring Pan-European Secure-access to Federated IoT Resources - A H2020 SymbIoTe Project Case Study** **Mikołaj Dobski | Symbiote-H2020 project's Security Task Leader at PSNC | Poland**

12.00 - 12.45		**PANEL DISCUSSION: IoT**
		Moderator: Aleksandar Mirkovic | CISO at Opportunity bank | Serbia
		Speakers: **Mikołaj Dobski** | Symbiote-H2020 project's Security Task Leader at PSNC | Poland
		         Dejan Levaja | Owner, Lead Penetration Tester at RAS-IT | Serbia
		         Darko Sehovic | Association of Serbian banks | Serbia
		         Vladimir Petrovic | Security Consultant at Unicom Telecom | Serbia

12.45 - 13.45		Lunch
13.45 - 14.30		**IoT in Healthcare: Cyber Security for Smart Hospitals** **Dimitra Liveri | Security and Resilience of Communication Networks Expert at ENISA | Greece** .

Please view the full training program on the next page.

14.30 - 15.15	LEGAL	**PANEL DISCUSSION: GDPR - The Personal Data Circle**
		Moderator: Ljubica Pendaroska | President at Corporate Security and Crisis Management Initiative | Macedonia
		Speakers: **Nebojsa Cvijetic** | Vice President at ISACA Belgrade | Serbia
		         Jan Kolouch | Lecturer and Legal Advisor at CESNET | Czech Republic
		         Ana Meskovska | Information Security Consultant at T&P | Macedonia
		         Majo Micovic | General Manager at Sky Express | Serbia

GAIN UP TO 20 CPE CREDITS

15.15 - 15.30		Coffee Break
15.30 - 16.00		**GDPR - A Simple Guide to a Demanding Job** **Primoz Govekar | Data Privacy Architect at Info House Belgrade | Serbia**
16.00 - 16.45		**The Evolution of Cryptographic Services and Public Key Infrastructure in Deutsche Post DHL** **Lukas Geyer | Co-founder at PKI TECHNOLOGY | Czech Republic** The presentation draws on experience of architecture, implementation and support of a global PKI infrastructure in Deutsche Post DHL and its integration with assorted infrastructure services, implementation of Gemalto cryptographic solutions, GlobalSign AEG SaaS platform and other solutions -> all in the context of GDPR.

16.45 - 17.00		**RAFFLE & Closing Speech**

*The Conference Agenda is subject to change

TRAINER:

LADISLAV BACO

System Engineer at CSIRT.SK | Slovakia

Malware and forensics analyst, computer security enthusiast, software developer.

10 years experience with education, lectures, and trainings, mostly for students of High schools and Universities and employees in public sector. 4 years experience with cyber security, incident response, malware analysis and forensics.

Malware Analysis for Beginners

Date:	**19 October 2017, DAY 2**
Duration:	8 hours including lunch break and two 15-minutes coffee breaks
Target Audience:	Administrators of Linux and Windows Servers, Incident Responders and Analysts from CSIRT/CERT Teams, Software Developers and Cybersecurity Enthusiasts with Technical Skills

DESCRIPTION

During this entry-level malware analysis hands-on training participants will learn about common malware analysis approaches (basic static analysis, behavioral analysis, dynamic analysis/debugging and reverse engineering).

We will introduce advantages and disadvantages of these methods and participants can try this approaches during hands-on labs. We have prepared many crack me challenges and \"potentially malicious\" samples for familiarization with various tools. The most of the tools used during this training are either the open source or freeware programs running under Linux or Windows. Most of this programs are good enough even for advanced malware analysis, however, sometimes we mention the commercial alternatives.

Participants after this training should be able to set up their own lab environment for malware analysis with minimal cost. They also should be able to think like malware analyst, understand essential principles behind malware analysis and perform basic analysis of given samples using free tools.

All participants will receive the USB flash disk with an image of analytical Linux machine with various tools and samples. They also will receive the copy of presentation, hints and/or solutions for provided samples and cheatsheet with the description of common tools used during the training.

PREREQUISITES

- At least minimal knowledge about programming (f.e. be able to read source code in Java or Python)
- Hands-on with Linux operating system (be able to use command-line interface)
- Laptop with 8GB of RAM, 20 GB free space on HDD/SSD and installed VirtualBox (64-bit edition)

SECURE PATH WORKSHOP

SIEM Do It Yourself
18 October 2017; 10.45 - 12.45

TRAINERS
Djordje Zecevic, Director of Security Solution department in Saga d.o.o. Beograd.
Has 10+ years of security system integration. Besides system integration, he has years of experience in penetration testing. He is Certified Ethical Hacker and Offensive Security Certified Professional.

Milorad Jevtovic, Senior System Engineer in Saga d.o.o. Beograd. He has years of experience working with different SIEM solutions. He also has experience in penetration testing, especially in mobile device security assessment.

KEY TAKE-AWAY
Students will learn:
• SIEM landscape. Top vendors and their overview
• How SIEM works under the hood(log source, log types, log parsing, log correlation)
• How to extending SIEM with threat inelegance
• SIEM challenges in real-world
• Making your own, open source SIEM
o Design
o Components
o Implementation

PROGRAM
• how SIEM works on demo environment with live traffic
• how SIEM works under the hood, demystifying same vendor marketing terms
• **A lab exercise**: Students will be assigned with a task that will include log analyzes and they will come up with a way to detect certain security incidents. After they win a pattern, they will create custom correlation rules and test them in real world environment

TARGET GROUP
• security and network engineers, information security professionals

Students Should Bring
• Laptop with ssh client and web browser
Students will be provided
• Lab guide

Secure Path Workshop is included in Conference Pass & Combo Pass.

REQUIRED SKILLS
Basic knowledge about log files and syslog protocol.
Familiarity with terms such as security intelligence, SIEM, Log management.
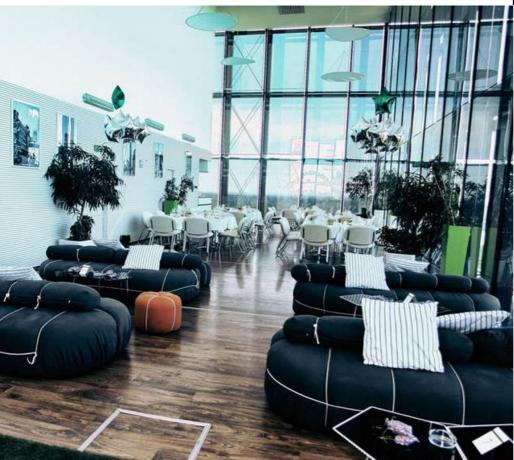
Networking Dinner

18 October 2017; 20.00 - 23.00

Network while enjoying a panorama view of Belgrade.

Discover new professional circle, and enhance your current partnerships at popular QuBit Networking Dinner. Restaurant **Top of The Hub,** located on the 25th floor in Novi Beograd, creates a perfect space and atmosphere for ideas and knowledge sharing.

Sponsored by

SophistIT
Streamline Your Forensic Analytics

QuBit Conference

Welcome to QuBit cybersecurity community!

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5 Reasons You Should Attend QuBit Conference

1. To Develop Your Professional Self

2. To Experience the Conference Without Sales Presentations

3. To Join Friendly Cybersecurity Community

4. To Engage in Valuable Networking and Relationship Building

5. To Explore A Beautiful City of Belgrade

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ANY QUESTIONS? CONTACT US!

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