



QuBit Conference Belgrade 2017

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.

QuBit
Conference



THE LEADING
COMMUNITY
EVENT
FOR
CYBER
SECURITY
INDUSTRY

ABOUT 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."





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

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.



Cedomir Novakovic

Site Reliability
Engineer at
SupplyFrame, Serbia

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 Mozart 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.



Miladin Ivanovic

Information
Security at
Ministry of Interior,
Serbia

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 eGovernment projects. Currently working as deputy head of Information security department in Ministry of interior.

8.00 - 8.50	Registration	
9.00 - 9.10	Conference Opening	
9.10 - 9.40	Quo Vadis? Jan Kolouch Lecturer and Legal Advisor at CESNET Czech Republic The inspirational keynote speech.	KEYNOTE
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.	BUILDING COOPERATION & SKILLS IN AREA OF CYBERSECURITY AT INTERNATIONAL LEVEL
11.15 - 11.30	Coffee Break	
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	TECHNICAL & THREAT INTELLIGENCE SHARING
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
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	14.05 - 12.45 Side Room
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.	10.45 - 12.45 Side Room
16.40 - 17.10	How to Build Operational Excellence of Your SOC before Addressing High Impact Incidents? 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	14.00 - 16.00 Side Room
20.00 - 23.00	NETWORKING DINNER sponsored by SophistIT	

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

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.

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	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 SymbloTe Project Case Study Mikołaj Dobski Symbiote-H2020 project's Security Task Leader at PSNC Poland	
12.00 - 12.45	IOT 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	
14.30 - 15.15	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	
15.15 - 15.30	Coffee Break	
15.30 - 16.00	LEGAL 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	

Please view the full training program on the next page.



*The Conference Agenda is subject to change

Malware Analysis for Beginners

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 intelligence
- 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 some 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

REQUIRED SKILLS

Basic knowledge about log files and syslog protocol.

Familiarity with terms such as security intelligence, SIEM, Log management.

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

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.

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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
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