ITU Cyber Drill - ALERT (Applied Learning for Emergency Response Teams) for Europe Region

Agenda

ITUEvents

Europe Region Cyberdrill

27–31 May 2019
Bucharest, Romania

Organised within the framework of the ITU Regional Initiative for Europe on enhancing trust and confidence in the use of ICTs

ITU Regional Initiative for Europe on Enhancing Trust and Confidence in the use of ICTs

hosted by

The Ministry of Communications and Information Society of Romania

With the support of:

Day 1 and 2: Training on management and malware analysis

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Monday 27 May 2019

[08:30 – 9:00]	Registration **Training Track I: CSIRT management by NRD Cyber Security**		Registration **Training Track II: Advanced training on Malware Analysis**	
[09:00– 10:00]	CSIRT year planning workshop	Room 2.2	**Introduction** Lab setup Foundation - Static and Dynamic analysis	Room 2.3
[10:00 – 10:30]	Coffee Break and Group Photo, Main lobby, 2nd floor			
[10:30 – 12:00]	CSIRT year planning workshop	Room 2.2	**Recap** Workshop: Static and Dynamic Analysis How to analyze binaries written in .Net, Go, Python C/C++	Room 2.3
[12:00 – 13:30]	Lunch Break, Main lobby, 2nd floor			
[13:30 – 15:00]	Top 10 lessons for CSIRT management	Room 2.2	**Malware Evasion Techniques** DLL Injection APC Injection Reflective DLL Injection	Room 2.3
[15:00 – 15:30]	Coffee Break, Main lobby, 2nd floor			
[15:30 – 17:00]	Top 10 lessons for CSIRT management	Room 2.2	**Malware Evasion Techniques** Process Hollowing Process Doppelganger Hook Injection Workshop: Evasion Techniques	Room 2.3

Tuesday 28 May 2019

[08:30 – 9:00]	Registration			
[09:00– 10:00]	Exercise on CSIRT operations measurement and KPI development	Room 2.2	**Malware Obfuscation Techniques** Packers/Unpacking API Call Encryption Dead Code Workshop : Advance Malware Obfuscation Techniques	Room 2.3
[10:00 – 10:30]	Coffee Break, Main lobby, 2nd floor			
[10:30 – 12:00]	Exercise on CSIRT operations measurement and KPI development	Room 2.2	**Malware Obfuscation Techniques** Reordering Subroutine Instruction Substitution Workshop : Advance Malware Obfuscation Techniques	Room 2.3
[12:00 – 13:30]	Lunch Break, Main lobby, 2nd floor			
[13:30 – 15:00]	Annual CSIRT report preparation workshop	Room 2.2	**Network Obfuscation** C2 Communication and callbacks Encrypted Communication Workshop : Analyze and decrypt network communication	Room 2.3
[15:00 – 15:30]	Coffee Break, Main lobby, 2nd floor			
[15:30 – 17:00]	Annual CSIRT report preparation workshop	Room 2.2	**Special Topics** Secret Topic Writing effective network/host based signatures. Evaluating Sandboxes, Network or End Point products	Room 2.3

Day 3: ITU Forum on Building Confidence and Security in Use of ICTs in Europe

University POLITEHNICA of Bucharest

Radu Voinea Auditorium, Rectorate Building

Wednesday 29 May 2019

[08:00 – 09:00]	Registration [for those not participating in earlier training]
[09:00– 09:40]	**Opening Ceremony** Mr. Mihnea Costoiu, Rector of University Politehnica of Bucharest H.E. Alexandru Petrescu, Minister of Communications and Information Society Mr. George Michaelides, Chairman of OCECPR, Cyprus, Host of the 2018 ITU Cyber Drill Mr. Jaroslaw Ponder, Head of the ITU Office for Europe, ITU
[09:40 – 10:00]	Coffee Break and Group Photo (Hall AN)
[10:00 – 12:00]	**Session 1: State of Cybersecurity in Europe** • **Setting the Context and Moderation:** Mr. Jaroslaw Ponder, Head of the ITU Office for Europe, ITU **Speakers** • Mr. Ionut Andrei, State Secretary, Ministry of Communication and Information Society, on behalf of Romanian Presidency in the Council of **European Union,** • Mr. Ioannis ASKOXYLAKIS, Cybersecurity Policy Officer, Cybersecurity Technology & Capacity Building Unit, European Commission**, EC** • Mr. Csaba Virag, European Cyber Security Organisation, **ECSO** • Ms. Franziska Klopfer, Project Coordinator, **DCAF** • Dr. Alexandru Catalin Cosoi , Chief Security Strategist, **Bitdefender**
[12:00 – 13:30]	Lunch Break, UPB Restaurant, 5th floor
[13:30 – 15:00]	**Session 2: Emerging trends in Cybersecurity** • **Setting the Context and Moderation**: Mr. Marwan Ben Rached, Technical Officer Cybersecurity, **ITU** **Speakers:** • Gen. Anton Rog, Director, Cyberint Center of the Romanian Intelligence Services, **SRI** • Mr. Uttang Dawda, Cybersecurity consultant , **FIRST** • Mr. Aras Sepehri , Sr. Systems Engineer, **FORTINET** • Dr. Almerindo Graziano, CEO, **Silensec** • Mr. Francesco Binaschi, Cyber Security Consultant, **Deloitte** • Mr. Catalin Patrascu , Security Program Manager , **Secureworks**
[15:00 – 15:30]	Coffee Break
[15:30 – 17:00]	**Session 3: Round table Session on experience sharing on CERT Management** • **Setting the Context and Moderation**: Ms. Natalia Spinu Head at Cyber Security Center **CERT-GOV-MD, Moldova** **Speakers:** • Mr. Catalin Arama, General Director of the Romanian National Computer Security Incident Response Team, **CERT-RO, Romania** • Mr. Rastislav JANOTA, Director, Slovak Computer Emergency Response Team, **SK-CERT, Slovak Republic** • Mr. Aleksandar Acev, Head of **MKD-CIRT**, **North Macedonia** • Ms. Yevgeniya Ivakhnenko, Team Leader, State Center for Cyber protection and Counteraction to Cybercrime, **CERT-UA, Ukraine** • Mr. Evgenios BARDIS, Team Leader, National Computer Security Incident Response Team, **CSIRT-CY, Cyprus** • Mr. Ragnar Õun , Head of CIIP Department , Estonia Information System Authority, **RIA**

Day 4 and 5: Cyber Exercises
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Thursday 30 May 2019

[08:30 – 09:30]	Team creation, registering team accounts to Cyber Range Presentation of the background Scenario	Room 2.1
[09:30– 11:00]	**Scenario 1** Dr. Alexandru Catalin Cosoi , Chief Security Strategist, **Bitdefender**	Room 2.1
[11:00 – 11:30]	Coffee Break	Main lobby, 2nd floor
[11:30 – 13:00]	**Scenario 2** Dr. Almerindo Graziano, CEO, **Silsensec**	Room 2.1
[13:00 – 14:00]	Lunch Break	Main lobby, 2nd floor
[14:30 – 15:30]	**Scenario 3** Mr. Csaba Virag, Head of Cyber Security Competence Center, **Cyber Services Plc**	Room 2.1
[15:30 – 16:00]	Coffee Break	Main lobby, 2nd floor
[16:00 – 17:30]	**Scenario 4** Mr. Uttang Dawda, Cybersecurity consultant, **FIRST**	Room 2.1

Friday 31 May 2019

[9:00– 10:30]	**Scenario 5** Mr. Francesco Binaschi, Cyber Security Consultant, **Deloitte**	Room 2.1
[10:30 – 11:00]	Coffee Break	Main lobby, 2nd floor
[11:00 – 12:30]	**Scenario 6** Mr. Andrei Bozeanu , Security Consultant ,**CERT-RO**	Room 2.1
[12:30 – 13:30]	Lunch Break	Main lobby, 2nd floor
[13:30 – 15:00]	**Scenario 7** Mr. Marwan Ben Rached, Technical Officer Cybersecurity, **ITU**	Room 2.1
[15:00 – 15:15]	Coffee Break	Main lobby, 2nd floor
[15:15 – 16:45]	**Scenario 8** Mr. Aras Sepehri , Sr. Systems Engineer, **FORTINET**	Room 2.1
[16:45 – 17:00]	Closing remarks	Room 2.1