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PERTS

WORKSHOP





ECTEG EXPERTS WORKSHOP PLAN

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CNA

Cisco Network Academy Program Workshop

Participants will be informed about Cisco Networking academy Program curriculum (Instructor-led and Online self-paced courses).

Participants will have access to Online self-paced courses to be able to evaluate these resources.

RANSOMWARE

A detailed analysis of ransomware groups and activity on darknets

This workshop will detail and explain the status of ransomware groups. The University of Alcalá has collected data of more than 30 groups with a presence in darknets and a detailed analysis of different industries affected, most active groups and most affected countries will be presented.

MALWARE

Mobile Malware Analysis

This activity will be a practical session centred in analysing a real banking Trojan that was published in Google Play. Along the session, several practical techniques and tools for analysis will be explained. Also, the deployment different environments for reversing Android applications; and static and dynamic analysis will be addressed.

Workshops will run throughout March and April, in dedicated sessions hosted online.

Participants can sign up for many sessions, on a first-come-first-served basis.

Additional workshops will be added to this list.





ECTEG EXPERTS WORKSHOP PLAN

RMarkdown

Introduction to RMarkdown for ECTEG course content development

In the past two years, ECTEG has included RMarkdown as one of the free and open-source development frameworks for course materials. Some of the recent ECTEG courses you know have been written in RMarkdown (epy3, eCDWI, eDFI). The latest documents (GA Minutes, ECTEG guidelines) have also been produced in RMarkdown!

SKY

Case study of the SKY phones decryption experience: lessons learned, how to improve the education in the future

An introduction into the SKY case with an explanation of the start of the technical team, cooperation with the tactical team and operational analysts, legal issues, budget issues, international cooperation and lessons learned.

Law Enforcement Only

VII

VII: Virtualised Internet Infrastructure

Virtualised Internet Infrastructure (VII): "An introduction to the underlying technology and examples of utilisation".

Law Enforcement Only

Workshops will run throughout March and April, in dedicated sessions hosted online.

Participants can sign up for many sessions, on a first-come-first-served basis.

Additional workshops will be added to this list.





ECTEG EXPERTS WORKSHOP PLAN

EXPERTS

ECTEG Experts Group Development

Workshop on the ECTEG experts group creation: concept, policies, technical implementation

AMBASSADORS

ECTEG Ambassadors

ECTEG Members are natural ambassadors for ECTEG and its mission. How can we better support our Members in this function?

EACTDA

End-user evaluation of tools: which is the best way to do it?

An open discussion with end-users about known ways, methodologies, and practices to conduct an end-user evaluation of tools, and to identify best practices and areas of improvement.

EACTDA

Software quality? What does this really mean to the end-users?

An open discussion with end-users about what software quality means to them and how important the different characteristics of it are for them (using ISO/IEC 25010 as a reference standard)

Workshops will run throughout March and April, in dedicated sessions hosted online.

Participants can sign up for many sessions, on a first-come-first-served basis.

Additional workshops will be added to this list.





Mobile malware analysis

22nd March 2022 - 12:00 to 14:00 CET



A detailed analysis of ransomware groups and activity on darknets

29th March 2022 - 12:00 to 14:00 CET



CISCO Network Academy Program Workshop

7th April 2022 - 15:00 to 17:00 CET
and
8th April 2022 - 14:00 to 16:00 CET



Case study of the SKY phones decryption experience: lessons learned, how to improve the education in the future

1th April 2022 - 9:00 to 11:00 CET
LAW ENFORCEMENT ONLY



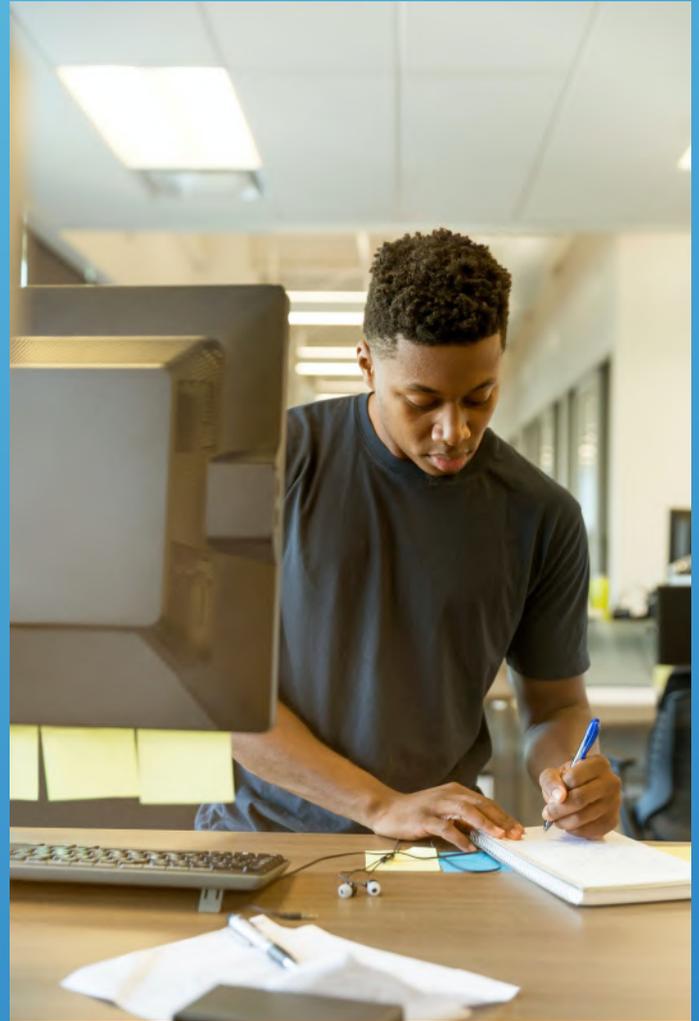
ECTEG Expert Group Development

12th April 2022 - 15:00 to 17:00 CET
and
13th April 2022 - 15:00 to 17:00 CET



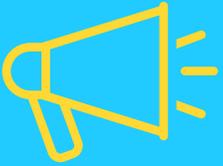
VII: Virtualised Internet Infrastructure

19th April 2022 - 09:00 to 11:00 CET
LAW ENFORCEMENT ONLY



ECTEG Ambassadors

22nd April 2022 - 15:00 to 17:00 CET



End-user evaluation of tools: which is the best way to do it?

26th April 2022 - 9:00 to 11:00 CET



Software quality? What does this really mean to the end-users?

28th April 2022 - 9:00 to 11:00 CET



Introduction to RMarkdown for ECTEG course content development

25th April /2022 - 15:00 to 17:00 CET
and
29th April 2022 - 15:00 to 17:00 CET

Cisco Network Academy Program Workshop

Prepared by Olga Torstensson (Halmstad University)

OVERVIEW

Introduction to Cisco Network Academy Program, courses & resources. Participants will be informed about Cisco Networking academy Program curriculum (Instructor-led and Online self-paced courses). Participants will have access to Online self-paced courses to be able to evaluate these resources: Networking Essentials, Introduction to Cybersecurity, Introduction to IoT, Get Connected, NDG Linux Unhatched, Cybersecurity Essentials, PCAP: Programming Essentials In Python, Intro to Packet Tracer.

TARGET AUDIENCE

ECTEG Experts

DATES

1st session: 7th April 2022 - 15:00 to 17:00 CET (NEW TIME!)

2nd session: 8th of April 2022 - 14:00 to 16:00 CET

Enroll here: <https://survey.ecteg.eu/index.php/973423?lang=en>

Additional	Information
Format	Workshop
Software requirements	Internet access
Number of sessions	2 sessions, 2 hours each
Max attendees	60

With the contribution of:



A detailed analysis of ransomware groups and activity on darknets

Prepared by Carlos Cilleruelo Rodríguez (UAH)

OVERVIEW

Ransomware activity has become one of the biggest threats to numerous countries and companies. Over the course of the last few years, the number of cybercrime groups focused on this activity has increased, becoming one of the most profitable cybercrimes. On top of that, these cybercrime groups have evolved their extortions techniques and modus operandi. Furthermore, using Tor darknet support several ransomware cybercrime groups inform of their victims. They maintain “official” sites where they published and threaten to publish their victim’s information. In view of this situation, the University of Alcalá has collected an analysed data of several of these groups. This workshop will detail and explain the status of ransomware groups. The University of Alcalá has collected data of more than 30 groups with a presence in darknets and a detailed analysis of different industries affected, most active groups and most affected countries will be presented.

TARGET AUDIENCE

Cybercrime investigation groups

DATES

29th March - 12:00 to 14:00 CET

Enroll here: <https://survey.ecteg.eu/index.php/711685?lang=en>

Additional	Information
Format	Workshop with hands-on laboratory
Software requirements	Have installed the Tor browser
Number of sessions	1 session, 1 hour and 1/2
Max attendees	25

With the contribution of:



UAH



Funded by the European Union
ISFP 2019-AG-IBA-ECTEG-01

Mobile malware analysis

Prepared by Javier Junquera Sánchez (UAH)

OVERVIEW

Unfortunately, mobile malware has become a common occurrence, and multiple malicious apps are uploaded into official and alternative mobile markets. Some of them are specially designed for stealing banking credentials and are known as banking Trojans.

In order to fight these crimes it is necessary to understand and know how to analyse mobile applications. This activity will be a practical session centred in analysing a real banking Trojan that was published in Google Play. Along the session, several practical techniques and tools for analysis will be explained. Also, the deployment in different environments for reversing Android applications; and static and dynamic analysis will be addressed.

TARGET AUDIENCE

Cybercrime investigation groups

DATES

22nd March - 12:00 to 14:00 CET

Enroll here: <https://survey.ecteg.eu/index.php/774223?lang=en>

Additional	Information
Format	Hands-on laboratory
Software requirements	Students will need to have VirtualBox, or VMWare Installed (preferable VirtualBox). A Virtual Machine with all software necessary will be provided prior to the lab session.
Number of sessions	1 session, 2 hours
Max attendees	25

With the contribution of:



UAH



VII: Virtualised Internet Infrastructure

Prepared by Ulf Bergum (PHS)

OVERVIEW

Virtualised Internet Infrastructure (VII): "An introduction to the underlying technology and examples of utilisation". Agenda:

1. Essential Protocols for Internet Functionality (theory)
2. Example A - The Andy Capp Case (Hands-on)
3. Example B - Under Attack (Hands-on)
4. Example C - CTF, Enigma of Avila (Hands-on)

TARGET AUDIENCE

Law Enforcement Only

DATES

19th April - 9:30 to 11:00 CET

Enroll here: <https://survey.ecteg.eu/index.php/536168?lang=en>

Additional	Information
Format	Hands-on laboratory
Software requirements	Internet access
Number of sessions	1 session of 2 hours
Max attendees	20

With the contribution of:



ECTEG Ambassadors

Prepared by ECTEG Staff

OVERVIEW

All ECTEG Members are natural ambassadors for ECTEG and its mission. How can we better support our Members in this function? What can we do together to increase the reach of ECTEG, and what proposals can be worked on in the near future? This workshop aims at finding solutions together.

TARGET AUDIENCE

ECTEG Members

DATES

22nd April - 14:00-16:00 CET

Enroll here: <https://survey.ecteg.eu/index.php/844926?lang=en>

Additional	Information
Format	Tour de table workshop
Software requirements	Internet access
Number of sessions	1 session of 2 hours
Max attendees	15

With the contribution of:



ECTEG Experts Group Development

Prepared by ECTEG Staff

OVERVIEW

Workshop on the ECTEG experts group development: concept, policies, technical implementation. ECTEG needs your input as experts to improve the concept of ECTEG Experts. What do Experts need to better perform their role? How can we expand the group of Experts? Let's find answers to these and more questions together.

TARGET AUDIENCE

ECTEG Members and Experts

DATES

Session 1: 12th April - 14:00-16:00 CET

1Session 2: 3th April - 14:00-16:00 CET

Enroll here: <https://survey.ecteg.eu/index.php/777117?lang=en>

Additional	Information
Format	tour de table, workshop
Software requirements	Internet access
Number of sessions	2 sessions of 2 hours
Max attendees	15

With the contribution of:



End-user evaluation of tools: which is the best way to do it?

Prepared by Juan Arraiza (EACTDA)

OVERVIEW

EACTDA focuses on the development of technological solutions for European LEAs and Forensic Laboratories to use in their fight against crime. EACTDA facilitates an open discussion with end-users about known ways, methodologies, and practices to conduct end-user evaluation of tools, and to identify best practices and areas of improvement.

TARGET AUDIENCE

End-users that have previously participated in evaluation of tools

DATES

26th April 2022 - 9:00 to 11:30 CET

Enroll here: <https://survey.ecteg.eu/index.php/462685?lang=en>

Additional	Information
Format	Workshop
Software requirements	Internet access
Number of sessions	1 session of 2 hours
Max attendees	no limit

With the contribution of:



EACTDA

Software quality? What does this really mean to the end-users?

Prepared by Juan Arraiza (EACTDA)

OVERVIEW

EACTDA focuses on the development of technological solutions for European LEAs and Forensic Laboratories to use in their fight against crime.

EACTDA facilitates an open discussion with end-users about what software quality means to them and how important the different characteristics of it are for them (using ISO/IEC 25010 as a reference standard)

TARGET AUDIENCE

End-users of tools/applications as well as system administrators of the end-user organisations

DATES

28th April 2022 - 9:00 to 11:00 CET

Enroll here: <https://survey.ecteg.eu/index.php/557163?lang=en>

Additional	Information
Format	Hands-on laboratory
Software requirements	Internet access
Number of sessions	1 session of 2 hours
Max attendees	no limit

With the contribution of:



EACTDA

Introduction to RMarkdown for ECTEG course content development

Prepared by Carlota Urruela (ECTEG) and Ulf Bergum (PHS)

OVERVIEW

In the past two years, ECTEG has included RMarkdown as one of the free and open-source development frameworks for course materials. Some of the recent ECTEG courses you know have been written in RMarkdown (epy3, eCDWI, eDFI). The latest documents (GA Minutes, ECTEG guidelines) have also been produced in RMarkdown!

You can use a single RMarkdown script to write text and execute code in different programming languages to generate high-quality reports and documents that can be shared with an audience. RMarkdown documents are fully reproducible and support dozens of static and dynamic output formats (HTML, PDF, Word, PowerPoint...).

Join us to learn more!

TARGET AUDIENCE

All ECTEG Experts and Members (LEA and Academic)

DATES

Session 1: Introduction to RMarkdown – 25/4/2022 - 15:00 - 17:00 CET

Session 2: ECTEG Resources for RMarkdown – 29/4/2022 - 15:00 - 17:00 CET

Enroll here: <https://survey.ecteg.eu/index.php/864271?lang=en>

Additional	Information
Format	Workshop with practical exercises
Software requirements	To install R, Rstudio and a Latex Distribution R: https://www.r-project.org/ RStudio: https://www.rstudio.com/products/rstudio/download/ LaTeX: for example https://www.latex-project.org/get/
Number of sessions	2 sessions
Max attendees	no limit

With the contribution of:



Study of the SKY phones decryption experience: lessons learned, how to improve the education in the future

Prepared by Maarten Van Loon (Belgian Federal Police)

OVERVIEW

An introduction into the SKY case with an explanation of the start of the technical team, cooperation with the tactical team and operational analysts, legal issues, budget issues, international cooperation and lessons learned.

TARGET AUDIENCE

LAW ENFORCEMENT ONLY

DATES

Session: 11/4/2022 - 9:00 to 12:00 CET

Enroll here: <https://survey.ecteg.eu/index.php/841341?lang=en>

Additional	Information
Format	Workshop and Q&A
Software requirements	Internet connection
Number of sessions	1 session
Max attendees	no limit, Law Enforcement Only

With the contribution of:



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