

Security
.Days

<Prague.CZ>
<9-11 April 2024>



NETSEC-SIG @FIRST

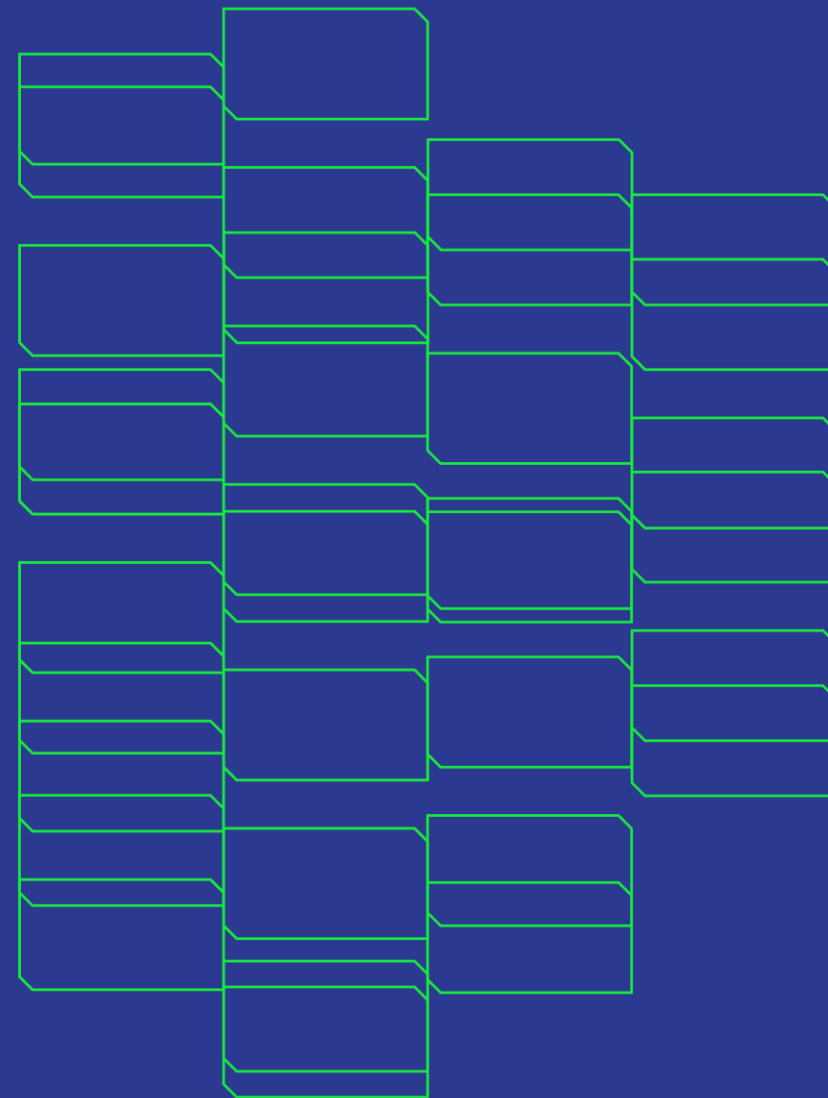
Carlos Friaças

RCTS CERT

FCCN Unit, FCT, Portugal



Co-funded by
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What is NETSEC-SIG at FIRST?

Currently a group of about 50 people, with a mission statement and some objectives:



The screenshot shows the FIRST website's 'Initiatives' page. The navigation menu includes 'About FIRST', 'Membership', 'Initiatives', 'Standards & Publications', 'Events', 'Education', and 'Blog'. The 'Initiatives' section is expanded to show a list of Special Interest Groups (SIGs), including the NETSEC SIG. The NETSEC SIG page features a 'Request to Join' button, a 'Mission' statement, and a list of 'Objectives'.

Initiatives

- Special Interest Groups (SIGs)
 - SIGs Framework
 - Academic Security SIG
 - AI Security SIG
 - Automation SIG
 - Big Data SIG
 - Common Vulnerability Scoring System (CVSS-SIG)
 - CSIRT Framework Development SIG
 - Cyber Insurance SIG
 - Cyber Threat Intelligence SIG
 - DNS Abuse SIG
 - Ethics SIG
 - Exploit Prediction Scoring System (EPSS)
 - FIRST Multi-Stakeholder Ransomware SIG

NETSEC SIG

[Request to Join](#)

Mission

To foster the deployment of inter-AS network security BCPs, coordinated mitigation, and information sharing.

Objectives:

- To encourage the adaption of inter-AS security Best Current Practices (BCPs)
- To facilitate response coordination of inter-AS BGP routing issues and abuse
- To promote inter-AS DDoS traceback and mitigation
- To encourage inter-AS security incident event sharing

What is NETSEC-SIG at FIRST?

Started in 2022, at the Dublin FIRST Conference

Current Chairs:

Aaron Kaplan (AT)

Carlos Friaças (PT)

Hendrik Adrian (JP)

John Kristoff (US)

Merike Kaeo (US/EE)



Why NETSEC-SIG

Growing concerns about network-related malicious activities, such as:

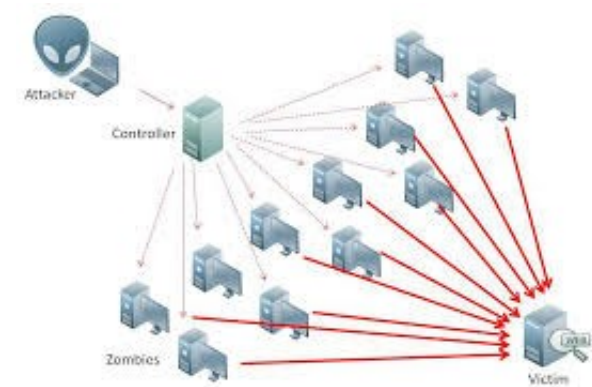
BGP Hijacking

Domain Hijacking

Malicious network disruption

Router Vulnerability exploitations

Bulletproof Hosting



SIG Topics & Areas of Interest

Route Hijacks and leaks

DDoS

Traceback and attack source attribution

DNS and DNSSEC operational issues

RPKI, ROV, and other burgeoning routing security technologies

BGP, tools, and resources such as those from MANRS.org

Network operator and researcher collaboration

How do we collaborate?

Two Zoom meetings per month, on Mondays

Slack channel

Mailing list

Wiki



Recent Work

«Is the LoA DoA for Routing?» blogpost

<https://www.first.org/blog/20231222-Is-the-LoA-DoA-for-Routing>

Reasoning about the need to end accepting paperwork for routing purposes, when there is RPKI available that brings cryptographic trust.



How to join NETSEC-SIG?

If you are a member of a FIRST Team or Liaison

If managing an ASN and interested in network security, even if not a FIRST member



If you are researching in Network Security

Any questions?

The "Security .Days" logo is centered on a white rectangular background with a slight drop shadow. The word "Security" is in a dark blue, sans-serif font. Below it, ".Days" is in the same font, with a small green dot preceding the "D". The background of the slide features a faint, green-outlined grid pattern of overlapping rectangles.

Security .Days



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