

Network Security (NETSEC) SIG

2023 Annual Update

Version: 0.2 June 1st, 2023

Chairs:

John Kristoff (lead), NETSCOUT, USA, presenter

Carlos Friacas, RCTS CERT, Portugal

Aaron Kaplan, Freelancer / DIGIT-S2 EU, Austria

Merike Kaeo, FIRST Liaison, USA/Estonia

Hendrik Adrian, LACERT, Japan

#FIRSTCON23



35TH
ANNUAL
FIRST
CONFERENCE
MONTREAL
JUNE 4-9, 2023



About Network Security SIG

- **URL:** www.first.org/global/sigs/netsec
- **Started:** Formed in **2022** after Dublin's FIRST Annual Conference.
- **Goal:** To foster the deployment of inter-AS network security BCPs, coordinated mitigation, and information sharing.
- **The NETSEC SIG topics and 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
 - BCPs, tools, and resources such as those from MANRS.org and PeeringDb.com
 - Network operator and researcher networking
- **Organization:**

John Kristoff (lead Chair)
Co-chairs: Carlos Friacas, Aaron Kaplan, Merike Kaeo, Hendrik Adrian

Activities

- **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
- **Activities for members:**
 - Sharing and Discussions
 - NETSEC (related) Event support
 - Arrange & promote NETSEC events in FIRST and locally at NOGs
 - Body of work
 - i.e.: Build knowhow curriculum for network security
 - Doing productivities (information sharing, tools, article posts, etc)
- **Activity media:**

FIRST Maillist, Online Meeting (bi-weekly), Wiki Space, Communication channels

Membership (status)

- **Audience:**
 - inter-AS router and network operators
 - inter-AS DNS service providers,
 - inter-AS security researchers,
 - CSIRT inter-AS security members
- **Current membership:**

30+ members (the youngest SIGs in FIRST)
- **Requirements:**
 - Understanding this is an individual-only approved SIG, no teams nor aliases
 - Individuals need to prove they possess sufficient inter-AS security responsibility
 - Individual email addresses must remain active and be periodically tested

Member request

- inter-AS security researchers
- CSIRT inter-AS security

Participation Requirements

- This is an individual-oriented SIG
- Individuals should be actively involved in the community
- Individual email address

Roadmap

- Phase 1** - Group formation
- Phase 2** - inter-AS security
- Phase 3** - Expand operational capacity and services

[Request to Join](#)



Pages

Pages

NETSEC SIG Home

Created by Giovana Vaz, last modified by Aaron Kaplan on Sep 01, 2022

Public SIG page <https://www.first.org/global/sigs/netsec/>

Charter

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Sign In

NETSEC SIG



NETSEC SIG

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

Read the full SIG charter at <https://www.first.org/global/sigs/netsec/>

[Request to Join](#)

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Membership (obligations)

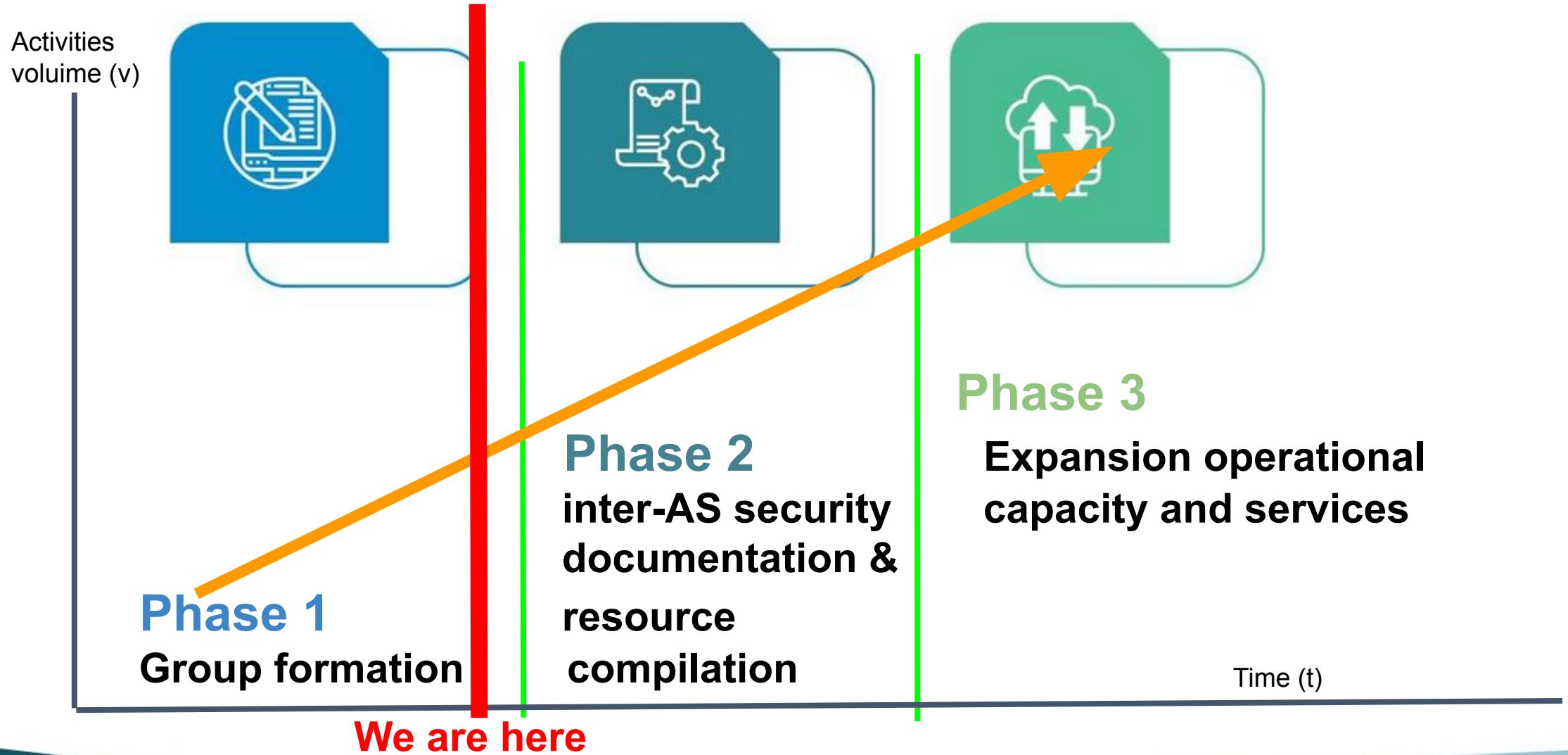
- **Members obligations:**

- Willing to actively participate in NETSEC SIG activities and regularly attend meetings, refer to BoF presentations for activities
- Membership questionnaire to join - evaluate alignment with the NETSEC SIG. Requires willingness to contribute or at least promote the material and provide feedback.
- Membership is open for FIRST members only; and non-FIRST-members by approval
- To set expectations - membership has multiple roles:
in example: **Reviewer, Curator and Contributor.**
- Help in idea to improve the SIG structure and activities.

NETSEC SIG Activities:

- **What we can do in the meetings**
 - Discussion on NETSEC issues and its monitoring
Events, Security, etc
 - Updates on recent FIRST activities
Participations, Workshop plans, etc
 - Exchanging (NOG) events information
Information and connection sharing / exchange
 - BCPS and resource aggregation
Resource list renewal, Body of work activities
 - Upcoming community outreach opportunities
Further opportunities to outreach between Network Security teams
 - Member onboarding
New member related activities

NETSEC SIG Activity's Progress Roadmap



Current Productivity (External)

- Regular awareness

- John Kristoff awareness on “**What happened in the internet this week**”
- John Kristoff’s NETSEC BoF Updates & Released

- Presentation

- Carlos Friacas BoF “**NETSEC Basics and Discussing LoA**”
In FIRSTCON 2023 Montreal,
on June 6, 2023 (Thursday) at 9:30(am)

- NETSEC Introduction

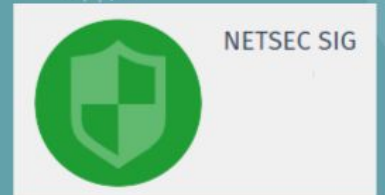
- Introducing NETSEC SIG in local NOG & xSIRT (chair members)

DDoS and Routing Security BoF

Moderator: John Kristoff
<jtk@dataplane.org>
@jtkristoff

NETSEC: Basics &
discussing LoA

cfriacas@fccn.pt
(RCTS CERT, PT)
NETSEC SIG



35th ANNUAL FIRST CONFERENCE | EMPOWERING COMMUNITIES
BOFS & SCHEDULED
SIDE MEETINGS

Coming soon

- Webinars:
 - Bogons in the routing table
- Outreach:
 - Telecom Threat Intelligence Summit 2023
 - Membership drive
 - Blog posts
- And more to come..

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Thank you!

Contact us:

www.first.org/global/sigs/netsec/