

FloCon[®]2012

www.cert.org/flocon



Call for Presentations and Demonstrations

Conference overview

FloCon[®] is an open conference that provides a forum for operational network analysts, tool developers, researchers, and other parties interested in the analysis of large volumes of traffic to showcase the next generation of flow-based analysis techniques. Flow is an abstraction of network traffic in which packets are aggregated by common attributes over time.

In modern network analysis, decreasing storage costs and increasing computing capabilities allow many products to generate huge volumes of deep packet data. But in practice, analysts still struggle with translating this raw data into knowledge to inform situational awareness and to guide decision making. In large network environments, flow data helps to provide a scalable way of seeing “big picture” events, as well as a streamlined platform for highlighting patterns of malicious behavior over time.

This year’s conference will focus on the progression of analytics from ideas, to prototypes, to tools. Each of these phases has its own set of successes, but it also raises its own set of challenges, and we encourage submissions and discussions across the spectrum. Which incident case studies spark the seed of a new idea? How can flow data help refine a static signature? What are the costs and benefits of implementing a technique at the large-scale network level versus host level? How well do new flow-based analytical tools integrate into an analyst’s workflow?

FloCon 2012 will be comprised of presentations and demonstration sessions. Similar to poster sessions, demonstration sessions provide opportunities for informal interaction with the community to gain project feedback. We are accepting proposals for presentations or demonstrations.

A limited number of registration fee discounts are available to students who present or demonstrate relevant flow-related research.

Email flocontact@cert.org for additional information.

January 9-12, 2012

Austin, Texas

IMPORTANT DATES

- **Friday, November 18, 2011**
Presentation and demonstration submissions due
- **Monday, November 28, 2011**
Acceptance notification sent
- **Monday, December 19, 2011**
Final presentations and demonstrations due

Presentation topics

- Automated Analysis
- Adaptive Methods
- Data Set Sharing
- Flow Collection Technology
- Malicious Behavior Detection
- Mathematical and Statistical Modeling
- Network Data Visualization
- Network Inventory and Mapping
- Fusion of Flow Analysis with Other Data Sources



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Submission information

Guidelines

Presentations are allotted 30 minutes, which must include time for questions. There will be a dedicated session and room for demonstrations. Attendees will move around the room and choose which demonstrations to watch, so demonstrators may wish to repeat their demonstrations during the 90-minute session. Because the workshop is intended to be highly interactive, presenters and demonstrators must have enough experience and in-depth knowledge about flow analysis to address questions from other attendees.

Presentations will be selected by the program committee based on a blind review against established selection criteria. Demonstration slots will be filled first by FloCon 2012 sponsors and then on a first-come basis.

Restrictions

Due to tax purposes, presentations and demonstrations cannot contain the following: material containing an endorsement; qualitative or comparative language; price information; other indications of savings or value; or any inducement to purchase, sell, or use your products or services. Submissions may address the functionality and utility of analytical tools and techniques, including how such tools and techniques fit in the context of other solutions. However, this type of discussion must be at a theoretical, engineering, empirical, or application level. Submissions that contain advertising or marketing, especially of commercial systems, cannot be accepted. Strict compliance with these restrictions is required. Presentations and demonstrations that do not comply will be rejected or removed from the workshop.

Submission instructions

Submit proposals online: <https://events.capsllc.net/flocon/submissions> (Email submissions will not be accepted.)

Acceptance notification announcements will be sent by Friday, November 18, 2011.

