FloCon®2010
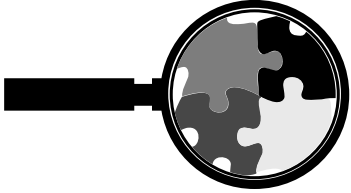
CALL FOR PRESENTATIONS AND DEMONSTRATIONS

January 11-14, 2010

New Orleans, LA

IMPORTANT DATES

- Abstract Submissions Due ....Friday, October 24, 2009
- Notification to Authors.......................Wednesday, November 18, 2009
- Final Presentations Due............................... Friday, December 11, 2009

CONFERENCE OVERVIEW

FloCon is an open workshop that provides a forum for operational analysts, tool developers and other parties interested in the analysis of large volumes of traffic to showcase the next generation of flow-based analysis techniques.

The purpose of network flow data monitoring has changed significantly since FloCon began in 2004. Years ago, flow was the only way to understand activity on large networks as storage space was limited and deep-inspection technology simply could not keep up with traffic volume. Today, with many products able to generate huge volumes of deep packet data, we find flow contributing to new areas of network traffic analysis.

This year's conference will focus on flow data analysis within the context of other data sources. Presenters are encouraged to consider how flow is a piece of the puzzle, one data source among several which help you derive a holistic network view.

FloCon 2010 will have an expanded demonstration session, and anyone with relevant tools or techniques are encouraged to register for the session. Similar to a poster session, the demonstration session will provide an opportunity for informal interaction with the community to gain project feedback.

Flow data from the conference network infrastructure will be collected during the event. Live flow and IPFIX feeds can be made available to conference participants for analysis or to support the demonstration session; contact flocontact@cert.org for more information.

WHAT TO PRESENT

Presentations should emphasize techniques for analyzing flow data, integrating flow data with network data sets, or engineering support for flow analysis and integration. Topics of interest include but are not limited to:

- Network Operations
- Network Situational Awareness
- Flow Collection Technology
- Large Scale Modeling
- Network Data Visualization
- Data Set Sharing
- Malicious Behavior
- Network Inventory
- IPv6 Transition and Analysis
- Educating on Flow

DEMONSTRATION SESSION

Flocon 2010 will feature a tool demonstration session, and all conference attendees with flow based tools for security analysis, network forensics, or network management are invited to participate. Participants discussing work-in-progress or who cannot demonstrate live tools may bring and present a poster describing their tool. This session will encourage the presenter to interact with conference attendees and obtain feedback to improve tool development.   Registration for the session is required by completing a conference submission as described below.

All demonstrations must be made using laptops or personal computers; no servers can be staged in the conference area. Power and network connectivity will be available, although Internet bandwidth may be limited. Flow data from the conference network can be made available for demonstration systems; if you need access to conference flow data, you must note this in your submission.

HOW TO SUBMIT

Submit a summary abstract of your presentation or demonstration by email according to the following guidelines:

TO: flocon-submissions@cert.org

SUBJECT: One of the following:
- "Flocon Presentation Submission" *or*
- "Flocon Demonstration Submission" *or*
- "Flocon Presentation and Demonstration Submission"

BODY:
- Your name
- The e-mail address to be used for notification
- Your organization or affiliation

- A brief description of your presentation and/or demonstration. The description should be less than 1000 words, and may be submitted as an attached .pdf or .doc file.

SCHOLARSHIPS

A limited number of conference fee discounts are available to students who present or demonstrate relevant flow-related research.   For more information, contact us at flocontact@cert.org.

PROGRAM COMMITTEE

CONFERENCE CHAIRS	Sidney Faber, CERT / Software Engineering Institute
	Paul Krystosek, CERT / Software Engineering Institute
SESSION CHAIRS	Robert Danford, Verizon
	Jim Downey, DISA PEO-MA
	John Gerth, Stanford University
	Joshua Goldfarb, NetflowData LLC
	Ray Kinstler, US-CERT
	John McHugh, RedJack and University of North Carolina
	Troy Thompson, Pacific Northwest National Laboratory

FOR ADDITIONAL INFORMATION, VISIT THE CONFERENCE WEB SITE AT WWW.CERT.ORG/FLOCON.