

CALL FOR PAPERS AND PARTICIPATION

The 1st SIP Forum SIP Interoperability Workshop (SFSIW-1)

Co-located with the 70th Internet Engineering Task Force Meeting (IETF 70)

<http://www.ietf.org/meetings/70-IETF.html>

IMPORTANT DATES

Submission deadline: 27 November 2007

Notification of presentation acceptance: 30 November 2007

Workshop date: 3 December 2007, 11am – 12:30pm Pacific Time

AIMS AND SCOPE

SIP has been gaining traction as a preferred network signaling protocol for real-time communications networks. There has been a considerable amount of low-level protocol testing and interoperability, such as provided by the SIP Interoperability Test event, or SIPit, which is in its seventh year. There are many independent implementations of clients, servers, proxies, back-to-back User Agents, registrars, and the like. In addition, there are significant network deployments, many at scale.

While this is all good, deployment experience is showing that interoperability is difficult to achieve. Products from a single vendor tend to work well with each other. However, multi-vendor interoperability, especially above the basic stack level, has historically been difficult to achieve. In fact, the proof point of the success of vendors attending SIPit indicates interoperability problems may not be due to the specification itself.

This workshop serves as a forum to bring together researchers, engineers, and service providers to exchange ideas, share experiences, and propose approaches to address interoperability problems. Particular focus will be on systemic or architectural problems, as opposed to simple implementation errors.

If the workshop identifies concrete proposals to improve interoperability that would require modifications to the underlying protocols, these proposals will be forwarded to the appropriate groups in the IETF.

We encourage contributions describing interoperability and SIP. The topics of interest include but are not limited to:

- * Interoperability failures seen in the field or lab
- * Deployment experiences
- * Development experiences
- * Open source projects and experiences
- * Failures discovered in the field after successful lab testing
- * Common failure modes

- * Interoperability test methodologies
- * Interoperability test experiences
- * Architectural principals
- * Proposals for achieving interoperability
- * Proposals for improving development
- * Proposals for soliciting additional real-world feedback from implementers and service providers

POSITION PAPERS

Individuals must submit a position paper relevant to SIP interoperability to participate in the workshop. Acceptable formats are IETF Internet Draft style (in HTML or plain text), IEEE Computer Society Proceedings Manuscripts style (in PDF), ACM Transactions style (in PDF), or presentation style (in PDF). The papers should be no longer than 6 pages if in IEEE or ACM style or 10 pages of text in Internet Draft style. **There is no minimum length requirement.** You are allowed to submit relevant, previously published works.

Papers received by the submission deadline will be posted to the Workshop web site, unless the author(s) request withholding publication. The author(s) may retain copyright or assign it to the SIP Forum or the IETF. If you are submitting a paper that already has a copyright assignment, such as an IEEE or ACM conference or journal paper, please apply the appropriate self-publication disclaimers demanded by those organizations.

Submit your position paper using EasyChair at the following address:
<http://www.easychair.org/conferences/?conf=sfsiw1>

WORKSHOP FORMAT

There is only a limited time available at the venue for this first workshop. The expectation is this will be a highly interactive workshop. In order to frame the conversation, the workshop chair will open the discussion. At the discretion of the Program Committee and dependent upon the quality and number of position papers received, a limited number of position papers may be presented. Note that all position papers will be published, unless the author(s) request withholding publication.

WORKSHOP FEES

The workshop, including lunch, is free of charge to participants. Stated differently, submitting a position paper, no matter how brief, pays for your lunch. The IETF has graciously provided a conference room at the venue. As such, we will not turn away non-participants. However, it is possible non-participants may not be allowed to participate and certainly will not get lunch.

WORKSHOP CHAIR:

Robert Sparks

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