
From: Bruce Lowekamp <lowekamp@sipeerior.com>
Sent: Wednesday, November 14, 2007 7:57 AM
To: sipping@ietf.org
Subject: [Sipping] new draft on ICE for opening SIP dialogs: draft-lowekamp-sipping-ice-for-sip-00

Title: Using ICE to establish SIP Dialogs

Abstract:

This draft explores a way SIP can be extended to allow a new dialog directly between the endpoints to replace an initial dialog that had one or more proxies in the signalling path. This technique relies on ICE to perform hole punching that allows a direct connection to be used in deployments where a sip-outbound proxy or SBC is used to establish SIP connections across NAT or firewall boundaries. It can also be used to replace such a dialog with a secure connection directly between the endpoints. This technique can be applied to traditional proxy-based SIP routing as well as to emerging P2PSIP deployments that lack centrally located proxies.

This draft describes early work that evolved from ideas initially developed for P2PSIP that are no longer being pursued. We are interested in feedback on whether there is broader interest in these techniques.

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The automatic submission tool failed on this draft, but it's currently located at
<http://www3.ietf.org/proceedings/staging/draft-lowekamp-sipping-ice-for-sip-00.txt>

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Sipping mailing list <https://www1.ietf.org/mailman/listinfo/sipping>

This list is for NEW development of the application of SIP Use sip-implementors@cs.columbia.edu for questions on current sip Use sip@ietf.org for new developments of core SIP