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RFC 3327

Title: Session Initiation Protocol (SIP) Extension Header
              Field for Registering Non-Adjacent Contacts
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The REGISTER function is used in a Session Initiation Protocol (SIP)
system primarily to associate a temporary contact address with an
address-of-record. This contact is generally in the form of a Uniform
Resource Identifier (URI), such as Contact:
<sip:alice@pc33.atlanta.com> and is generally dynamic and associated
with the IP address or hostname of the SIP User Agent (UA). The
problem is that network topology may have one or more SIP proxies
between the UA and the registrar, such that any request traveling from
the user's home network to the registered UA must traverse these
proxies. The REGISTER method does not give us a mechanism to discover
and record this sequence of proxies in the registrar for future use.
This document defines an extension header field, "Path" which provides
such a mechanism.

This document is a product of the Session Initiation Protocol and the
Session Initiation Proposal Investigation Working Groups of the IETF.

This is now a Proposed Standard Protocol.

This document specifies an Internet standards track protocol for
the Internet community, and requests discussion and suggestions
for improvements. Please refer to the current edition of the
"Internet Official Protocol Standards" (STD 1) for the
standardization state and status of this protocol. Distribution
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