

SIP extension for tracking locations attempted

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Abstract

Proxying hides the destinations tried by the proxy. Since this information is sometimes useful to the requestor, this draft proposes a new optional SIP request header called Contacts-Tried listing the locations tried unsuccessfully during a search.

1 Introduction

It may be useful for the initiator of a request to track which locations have been tried while forking calls, particularly if recursive indirection is involved. For example, this allows a caller to avoid manually calling a person that has already been tried as part of proxy forking.

2 Syntax

```
Contacts-Tried = "Contacts-Tried" ":" # ( name-addr | addr-spec
                *(";" ct-params )
ct-params      = "reason" = quoted-string
                | "status" = Status-Code
```

The "reason" parameter contains the reason phrase from the response, while the "status" parameter identifies the numeric status code. The "reason" parameter MAY be present if and only if the "status" parameter is present.

The order of elements has no significance. Each proxy adds to the list in responses returned from downstream servers.

Example:

```
Contacts-Tried: "A. G. Bell" <a.g.bell@bell-tel.com>
;reason="Busy" ;status=600,
"T. Bell" <t.bell@bell-tel.com>
;reason="I don't talk to telemarketers" ;status=603
```

3 Security Considerations

Users may expect proxying and forwarding information to remain private. Thus, proxies MUST NOT reveal this information by default and MUST only reveal this information only if the party designated in the To header field has agreed to have this information revealed.

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