

Finding SIP Servers with SLP

draft-kempf-sip-findsrv-00.txt

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Motivation

- SIP already has various ways of finding proxy/redirect and registrar servers
 - DHCP
 - DNS
 - Naming convention
 - SRV records
 - Multicast
- SLP provides a way to find SIP servers based on particular characteristics and features supported by the servers.
- Result is more flexibility in deployment, since not all servers need to support all SIP features.
- Draft contains service type templates for SIP service types.

Example

- SIP UAC looking for a registrar server that uses UDP and supports CPL.
- SLP query formulated:
 - service:sip:registrar
 - (&(transport-type=udp)(app-services=cpl))
- Service URLs with accessible servers returned:
 - service:sip:registrar://reggie.eng.acme.com
 - ...