Service Location Working Group
INTERNET DRAFT

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# The Service Agent Service Type
# draft-ietf-svrloc-sa-scheme-00.txt

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## Abstract

This document describes the Service Agent service type. Service Agents are one of three types of agents used in the Service Location Protocol, Version 2 [1]. The Service Agent advertises all services on a given host which have been enabled to use SLPv2.

## 1. Introduction

This document provides a Service Template for Service Agents. Service templates are defined in [2].

SLPv2 may be used to discover Service Agents. This template defines the attributes which SLP User Agents may use to select the appropriate service agent for its needs.

## 2. The "service agent" Service Type

```
  -------------------------template begins here----------------------
  type=service-agent

  version=0.0

  lang=en

  description=
    This defines the service-agent service type.  This service is
    used by SLPv2 User Agents to do service discovery in the absense
    of SLPv2 Directory Agents.  By discovering all SLPv2 Service
    Agents, the User Agents know both their locations (so they may
    send unicast requests to them) and the scopes they support.
    Service Agent discovery and the use of service:service-agent
    URLs is defined in [1].

  url-syntax=
    url-path= ; The URL of the service agent.  Defined in [1].

  service-type=string M L
  ; The service types advertised by the Service Agent

  --------------------------template ends here-----------------------

  contacts = "Erik Guttman" <erik.guttman@sun.com>
```

## 3. Security Considerations

Authentication of Service Agent URLs is possible within the context of SLPv2 [1]. Service Agent URLs may be used by SLPv2 UAs. The use of the service information included in this template allows UAs to select a subset of all SLPv2 SAs. If SLPv2 security mechanisms are not used, the UAs will have no guarantee these services actually conform to the selected subset.

References:

[1] E. Guttman, C. Perkins, M. Day. Service Location Protocol. draft-ietf-svrloc-protocol-v2-06.txt, June 1998 (work in progress)

[2] E. Guttman, C. Perkins, J. Kempf, Service Templates and service:

Schemes. draft-ietf-svrloc-service-scheme-10.txt
March, 1998 (work in progress)





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