

Internet-Draft  
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Defining White Pages and Yellow Pages Services  
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## Abstract

Service scheme templates for several different "white" and "yellow" pages services are presented.

### 1. Introduction

In "Advertising Services" [[1](#)], several different types of "service:" URL schemes are proposed. As specified by [[2](#)], the service scheme templates for several of those services are documented here. For all the schemes herein, stripping the "service:" and the leading "wp-" or "yp-" from the service URL results in the URL for the resource..

### 2. Specifying White Pages Services

To locate people on the Internet, a client connects to a "White Pages" service. A variety of protocols are available for connecting

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to such services. As [2] recommends that service templates be as protocol-specific as possible, there are multiple templates for white pages services, specified in this section.

### 2.1. WP-LDAP Service

When LDAP [3] is the protocol for accessing a "White Pages" service, the "wp-ldap" template is used. Here, the syntax of the URLpath is specified in [4].

"Service Discover Multicast Address = NONE

Service type = wp-ldap

Version = 0.0

Language tag = en

Description =

The wp-ldap (or White Pages via LDAP) service type provides attributes for looking up people via the LDAP protocol.

Authorization policy = :: NONE ::

A text description of any authentication requirements for use of this server.

Use policy = :: NONE ::

A text description of any intended Use policy for this server.

Access protocol = :: LDAP ::

This white pages server's access protocol, which is used to distinguish from other white pages servers."

### 2.2. WP-WHOIS++ Service

The "wp-ldap" template is used when WHOIS++ [5] is the access protocol for a White Pages service. Here, the syntax of the URL path is specified in [6].

"Service Discover Multicast Address = NONE

Service type = wp-whois++

Version = 0.0

Language tag = en

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Description =

The wp-whois++ (or White Pages via WHOIS++) service type provides attributes for looking up people via the WHOIS++ protocol.

Authorization policy = :: NONE ::

A text description of any authentication requirements for use of this server.

Use policy = :: NONE ::

A text description of any intended Use policy for this server.

Access protocol = :: WHOIS++ ::

This white pages server's access protocol, which is used to distinguish from other white pages servers."

### [2.3.](#) WP-PH Service

The "wp-ph" template is used when CCSO/Ph [7] is the access protocol for a White Pages service. Here, the syntax for the URL path is undefined.

### [4.1](#) WP-PH Service Template

Service Discover Multicast Address = NONE

"Service type = wp-ph

Version = 0.0

Language tag = en

Description =

The wp-ph (or White Pages via PH) service type provides attributes for defining services for looking up people via the PH protocol.

Authorization policy = :: NONE ::

A text description of any authentication requirements for use of this server.

Use policy = :: NONE ::

A text description of any intended Use policy for this server.

Access protocol = :: CCSO/PH ::

This white pages server's access protocol, which is used to distinguish from other white pages servers."

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## [5.](#) Specification of YP-Z3950R Service

This section specifies the template for the service "yp-z3950r," which is for providing a "Yellow Pages" service for locating documents using Z39.50 [\[8\]](#) as the access protocol.

The syntax for the URL path is specified in [\[9\]](#).

### [5.1](#) YP-Z3950R Service Template

"Service Discover Multicast Address = NONE

Service type = yp-z3950r

Version = 0.0

Language tag = en

Description =

The yp-z3950r (or Yellow Pages by Z39.50) service type provides attributes for looking up documents via the Z39.50 protocol.

Authorization policy = :: NONE ::

A text description of any authentication requirements for use of this server.

Use policy = :: NONE ::

A text description of any intended Use policy for this server.

Access protocol = :: Z39.50 ::

The access protocol used by this server (to distinguish from other servers)."

## [6.](#) Specification of YP-Z3950S Service

This section specifies the template for the service "yp-z3950s," which is for providing a "Yellow Pages" service for locating documents using Z39.50 [\[8\]](#) as the access protocol.

The syntax for the URL path is specified in [\[9\]](#).

### [6.1](#) YP-Z3950S Service Template

"Sevice Discover Multicast Address = NONE

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Service type = yp-z3950s

Version = 0.0

Language tag = en

Description =

The yp-z3950s (or Yellow Pages by Z39.50) service type provides attributes for looking up documents via the Z39.50 session.

Authorization policy = :: NONE ::

A text description of any authentication requirements for use of this server.

Use policy = :: NONE ::

A text description of any intended Use policy for this server

access protocol = :: Z39.50 ::

The access protocol used by this server (to distinguish from other servers)."

## [7.](#) Security Considerations

The templates presented here are subject to the same implications as other service templates specified according to [2] and [10].

## 8. Acknowledgments

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## 9. References

Request For Comments (RFC) and Internet Drafts documents are available from <URL:ftp://ftp.internic.net> and numerous mirror sites

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