



Applications Area, IETF

Patrik Fältström

<paf@cisco.com>

Area Director, Applications Area, IETF

Corporate Consulting Engineer, Cisco Systems

What's up?

IMAP

Fax

POP

SMTP

Whois

LDAP

Calendaring

URN's

epp

MIME-types

URI syntax

HTTP

IPP

Webdav

Jabber

IMPP

SIMPLE

Working Groups



- **acap** **Application Configuration Access Protocol**
- **apex** **Application Exchange**
- **calsch** **Calendaring and Scheduling**
- **cdi** **Content Distribution Internetworking**
- **crisp** **Cross Registry Information Service Protocol**
- **ediint** **Electronic Data Interchange-Internet Integration**
- **fax** **Internet Fax**
- **ftpext** **Extensions to FTP**
- **geopriv** **Geographic Location/Privacy**
- **Imapext** **Internet Message Access Protocol Extension**
- **impp** **Instant Messaging and Presence Protocol**
- **ipp** **Internet Printing Protocol**
- **ldapbis** **LDAP (v3) Revision**
- **ldapext** **LDAP Extension**
- **ldupLDAP** **Duplication/Replication/Update Protocols**

Working groups



- **msgtrk** **Message Tracking Protocol**
- **nntpext** **NNTP Extensions**
- **opes** **Open Pluggable Edge Services**
- **prim** **Presence and Instant Messaging Protocol**
- **provreg** **Provisioning Registry Protocol**
- **rescap** **Resource Capabilities Discovery**
- **simple** **SIP for Instant Messaging and Presence Leveraging Extensions**
- **tn3270e** **Telnet TN3270 Enhancements**
- **trade** **Internet Open Trading Protocol**
- **urn** **Uniform Resource Names**
- **usefor** **Usenet Article Standard Update**
- **vpim** **Voice Profile for Internet Mail**
- **webdav** **WWW Distributed Authoring and Versioning**

Major Categories (1)

- **SMTP, and mail related protocols**
 - **IMAP**
 - Move IMAP forward in the standard process
 - **FAX**
 - Discussions about delivery status notifications
 - **Security**
 - Signatures on messages / encryption algorithms
 - TLS for communication security
 - **Message tracking**
 - **Configuration management**
 - **Generic capability negotiation**

Major Categories (2)



- **HTTP and related protocols**
 - URI Syntax
 - Internet printing protocol
 - Webdav
- **Many protocols that want to use HTTP as transport**
 - SOAP
 - Other “web services”
- **Note, HTML is not IETF, but W3C**

Major Categories (3)



- **Directory services**
 - **LDAPv3**
 - LDAPv2 is dead
 - **LDAPv3 to Draft Standard**
 - No more X.500 in references
- **Whois like services**
 - **CRISP (not port 43)**
- **Every month we get one “idea” on something new...for good and for bad**

Major categories (4)



- **Instant Messaging and Presence (IMPP)**
 - CPIM - Common architecture
 - SIMPLE - Based on SIP
 - Jabber - Based on XMPP
 - (Apex - Based on Beep)
- **Other protocols and support**
 - Calendaring
 - Character set issues
 - Date format
 - MIME-types

Patrik Fältström
Email: paf@cisco.com

Thank You !!

