LDAP Standardization Report

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Standards Development Organizations

- IETF
  - LDAP Revision (LDAPbis)
  - LDAP Extensions (LDAPext)
  - LDAP Duplication/Update Protocols (LDUP)
  - LDAP Directorate
- ITU and ISO/IEC JTC1 SG
- Open Group Directory Interoperability Forum

OpenGroup's
Directory Interoperability Forum

- Directory Certification Programs
  - Servers: *LDAP Certified*
  - Clients: *LDAP Ready*
- Are developing DSML certification programs

ITU & ISO/IEC JTC1 SG

- X.520 matching rule internationalization
  - What's a space?
  - How is case ignore matching to be done?
  - Which normalization algorithms is to be used?
  - How is transliteration (T.61/Unicode) to be done?
- Misc LDAP alignment
- Targeted for 5th edition of X.500 (2005?)

IETF New LDAP RFCs

- RFC 3377: *LDAP Technical Specification*
- RFC 3383: *IANA Considerations for LDAP*
- RFC 3494: *LDAPv2 to Historic*
- RFC 3352: *CLDAP to Historic*

IESG Approved I-D

- In RFC Editor's queue:
  - draft-ietf-policy-core-schema: *Policy Core LDAP Schema*

- Tentatively approved
  - draft-zeilenga-ldap-collective/subentry/draft-legg-ldap-gser: *Collective Attributes*

LDAPbis Status

- Revised TS may be done this summer
- What next?   Revise extension TSs?

LDAPext Status

- Basically shutdown. WG cannot formally conclude because "Locate" I-D is before the IESG.

- Locate I-D likely to be returned to WG

- WG needs to determine how then to proceed

LDUP

- LCUP (content sync) work: two proposals
  - "LCUP" – requires histories, requires limited "system schema" knowledge, overly chatty
  - "LDAP Sync" – requires no histories, requires "system schema" knowledge, chatty
- LDUP(multi-master replication) work stalled, WG wants to publish existing I-Ds as Informational and then shutdown. WG considering how to proceed.

LDAP Directorate

- Provides comments to IESG, IAB, and WG chairs regarding Individual and non-LDAP-WG LDAP I-Ds
- Composed of the 6 LDAP co-chairs, selected experts, and the Applications Area Directors.
- Not a review board, that's the IESG job

LDAP in other WGs

- PKIX: LDAP PKI Schema, ;binary revision, certificate matching
- KRB-WG: KDC Administration over LDAP
- CRISP

Key Individual Drafts

Legg: X.500 ACM in LDAP, Component Matching, GSER

Zeilenga: Collective Attributes, Subentries, Transactions, Lang Tag/Ranges (RFC2596bis), …

Weltman: Proxy Authz, Java LDAP

Harrison: Intermediate Responses, LBURP

Summary

- LDAP Standardization is alive and well.

- Most extension work being done on an "individual" basis.

- May be difficult for vendors and deployers to determine which *technical specifications* are applicable. More *applicabililty statements* are needed.