
Secure real-time audio/video communication – H.350, Encryption & Gatekeeper/Proxy – using H.323 (...and a bit SIP)

Tutorial/workshop session
- H.350 directory configuration -

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H.350 implementation recipe

See the tutorial website for example files!!

1. Install `openldap-server` and `openldap-clients` (including `openldap-devel`, `openldap`)
 - At least 2.0x
 - Make sure they are for your distribution!
2. Configure `slapd.conf`
 - See sample file
 - Make sure to set proper access restrictions
3. Insert necessary schema (if not part of `slapd.conf`)
 - `commObject`, `commURI`, `h323Identity`, `h320Identity`, `h235Identity`, `siplIdentity`, `genericIdentity`
 - `CallPreferenceURIObject`
 - See sample files
4. Fill LDAP database
 - add LDIF file(s)
 - See sample files
5. Configure Gatekeeper to read from H.350 dir
 - See sample file
6. Make whitepages
 - See H350 cookbook

Configuration details

- 4: Fill LDAP database, add LDIF files
 - Base schema
 - `ldapadd -x -D "<ldap mgr DN>" -W -f <FILE>.ldif`
 - E.g. `ldapadd -x -D "cn=manager,dc=apan,dc=net" -W -f apan.ldif`
 - Entries
 - E.g. `ldapadd -x -D "cn=manager,dc=apan,dc=net" -W -f example-entry.ldif`
 - Test
 - `ldapsearch -x -b '<base dn>' '<FILTER>' attributes`
 - E.g. `ldapsearch -x -b 'dc=exampleorg,dc=H350,dc=apan,dc=net' '(objectclass=*)'`

LDAP indexing

- For efficient search & management operations
- Tip: index all attributes
- At least the attributes listed in cookbook