

Unix System Administration

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LDAP Object Classes

- Are the backbone of any LDAP entry
- Are defined within LDAP schema files
 - Under Ubuntu, they live in `/etc/ldap/schema`
- Contain required (must) & optional (may) fields
- `posixAccount`, `shadowAccount`, `posixGroup`
 - In `/etc/ldap/schema/nis.schema`
 - Common object classes for unix account info
 - Attributes belong to an object class
- Many other schemas available
 - `person`, `InetOrgPerson`, `ipHost`, `ipNetwork`, etc

Building an LDAP Database

- By far the hardest thing to do
 - Followed by authenticating to one
- High-level steps:
 - Define a database (suffix) and where the files live
 - Set default hashing function for passwords
 - Set access control for that database
 - Set which attributes to index (make searchable)
 - Set 'root' (fully-privileged) user for database
 - Enable security using SSL (optional, but highly recommended)