

LDAP - Lightweight Directory Access Protocol

The **Lightweight Directory Access Protocol (LDAP)** is an open, vendor-neutral, industry standard application protocol for accessing and maintaining distributed directory information services over an Internet Protocol (IP) network. Directory services play an important role in developing intranet and Internet applications by allowing the **sharing of information** about **users, systems, networks, services, and applications** throughout the network. As examples, directory services may provide any organized set of records, often with a hierarchical structure, such as a corporate email directory. Similarly, a telephone directory is a list of subscribers with an address and a phone number.

A common use of LDAP is to provide a central place to store usernames and passwords. This allows many different applications and services to connect to the LDAP server to validate users.

LDAP is based on a simpler subset of the standards contained within the X.500 standard. Because of this relationship, LDAP is sometimes called X.500-lite.



Here is a great [Guide of the usage, LDAP with Snom Phones: LDAP Directory](#)

Source: <https://en.wikipedia.org/wiki/Ldap>

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- [802.1X](#)
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- [LAN - Local Area Network](#)
- [LDAP - Lightweight Directory Access Protocol](#)
- [LLDP - Link Layer Discovery Protocol](#)
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- [NAT - Network Address Translation](#)
- [Network Essentials](#)
- [Network Topologies](#)
- [Network types](#)
- [Organize Networks](#)
- [Overview of IP networks](#)

- PoE - Power over Ethernet
- PoP - Point of Presence
- Port Authentication via 802.1x - EAP-TLS
- Protocols and Data Transmission
- QoS - Quality of service
- Ring topology
- RTCP - Real-Time Transport Control Protocol
- RTP - Real-Time Transport Protocol
- SBC - Session Border Controller
- SDP - Session Description Protocol
- Shortcuts, optimizations in IPv6 addresses
- SIP - Session Initiation Protocol
- SIPS - Session Initiation Protocol Secure
- SMTP - Simple Mail Transfer Protocol
- SRTCP - Secure Real-Time Transport Protocol
- SRTP - Secure Real-Time Transport Protocol
- Star topology
- Structure of Unicast Addresses