# Customized LDAP Authentication Design and Application

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## ABSTRACT

Single sign-on (SSO) authentication has been done with Lightweight Directory Access Protocol (LDAP) for years. Whether the account password is used to login a single web portal under integration, or feature permissions of the corresponding system and use of cloud space and other control and application are provided based on the account password, different architectures will have various management modes and applications.

This paper uses the first generation and second generation LDAP construction experience of our school to explain why Open LDAP is used, to construct a model that disperses account passwords and personal information, unified authentication portal with multiple LDAP host with different functional requirements, and how to achieve customized authentication service.

***Key words*:：LDAP、SSO、Single Portal Page、Open LDAP。**