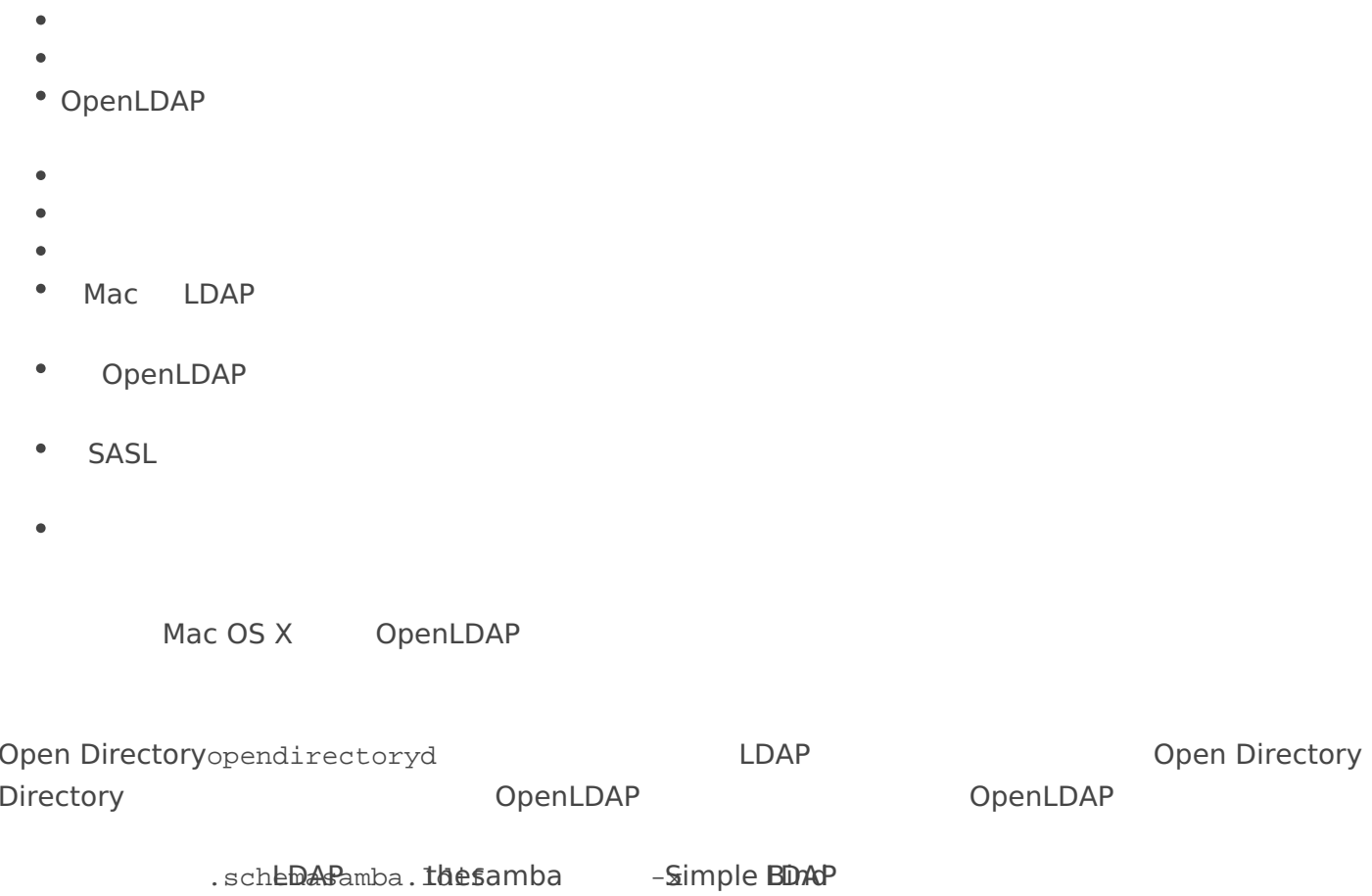


Mac OS X OpenLDAP



OpenLDAP

OpenLDAP schema [das.macosx](#) [Mac OS X](#) slapd.conf

```
/etc/openldap/schema/core.schema /etc/openldap/schema/cosine.schema /etc/openldap/schema/inetperson.schema /etc/openldap/schema/rfc2307bis.schema /etc/openldap/schema/microsoft-ad.schema /etc/openldap/schema/asid-ldap-cache-draft.schema /etc/openldap/schema/samba.schema /etc/openldap/schema/apple-od.schema
```

slapd.conf nis.schema RFC2307bis DAS uidNumber

Mac OS 10.9.2 LDAPuserPasswordslapd.conf ACL

```
attrs=userPassword sambaNTPassword sambaLMPassword dn="cn=manager,dc=example,dc=com" write
```

Mac

```
attrs=userPassword sambaNTPassword sambaLMPassword dn="cn=manager,dc=example,dc=com" write  
peername.ip=192.168.1.0%255.255.255.0 read *
```

Mac OS X base LDAP & objectClass=organizationalUnit ou=macosxodconfig LDAP

```
dn ou=macosxodconfig,ou=apps,dc=example,dc=comou macosxodconfigobjectClass objectClass
```

Mac LDAP

OpenLDAP

“ ” “ ” “ ” “ ...”

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LDAP FQDN IP

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SSL

LDAP

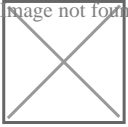
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```
sudo ls / / /OpenDirectory/ /LDAPv3/
```

server-name.plist

“ ” “Web” “ ” “...”



...
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LDAPv3 LDAP RFC2307
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LDAP

```
dscl localhost - /LDAPv3
```

```
dscl localhost -list /LDAPv3/<ldap-server>/
```

SearchPath

```
dscl / -read / CSPSearchPath
```

/etc/auto_master /home

```
killall autofs
```

LDAP

```
su - <LDAP-user>pwd
```

```
sudo rm /Library/Preferences/OpenDirectory/DynamicData/LDAPv3/<ldap-server>.plist
```

SASL

Mac OS X 10.7.2 Open Directory SASL OpenLDAP OpenLDAP Simple Bind Lion

Wireshark Mac ?objectclass=*????SASLMechanismdefaultNamingContext
schemaNamingContextsalRealm

ldapsearch??SASLMechanisms

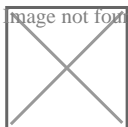
```
# ldapsearch -x -h localhost -b '' -D "cn=manager,dc=example,dc=com" -y /etc/secrets/ldap-  
manager.secret -s base -LLL "(objectclass=*)" SASLMechanisms
```

SASL DIGEST-MD5 SASL GSSAPI SASL CRAM-MD5 SASL NTLM

Mac Mac LDAP Server LDAP

```
/usr/libexec/PlistBuddy -c "add ':module options:ldap:Denied SASL Methods:' string DIGEST-  
MD5"  
/Library/Preferences/OpenDirectory/Configurations/LDAPv3/yourldapserver.plist0pendirectoryd.pl  
ist
```

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...

" " Open Directory LDAPv3 Open Directory DLAP



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inetOrgPerson posixAccount shadowAccount apple-user

posixGroup apple-group

...

LDIF

```
dn ou=macosxodconfig,ou=apps,dc=example,dc=com < file:///home/admin/Documents/Templa
```

DN

```
ldapmodify -x -h ldap.example.com -D "cn=manager,dc=example,dc=com" -W -f macosxodconfig.ldif
```

Template.plist LDAP

LDAP From Server RFC2307



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