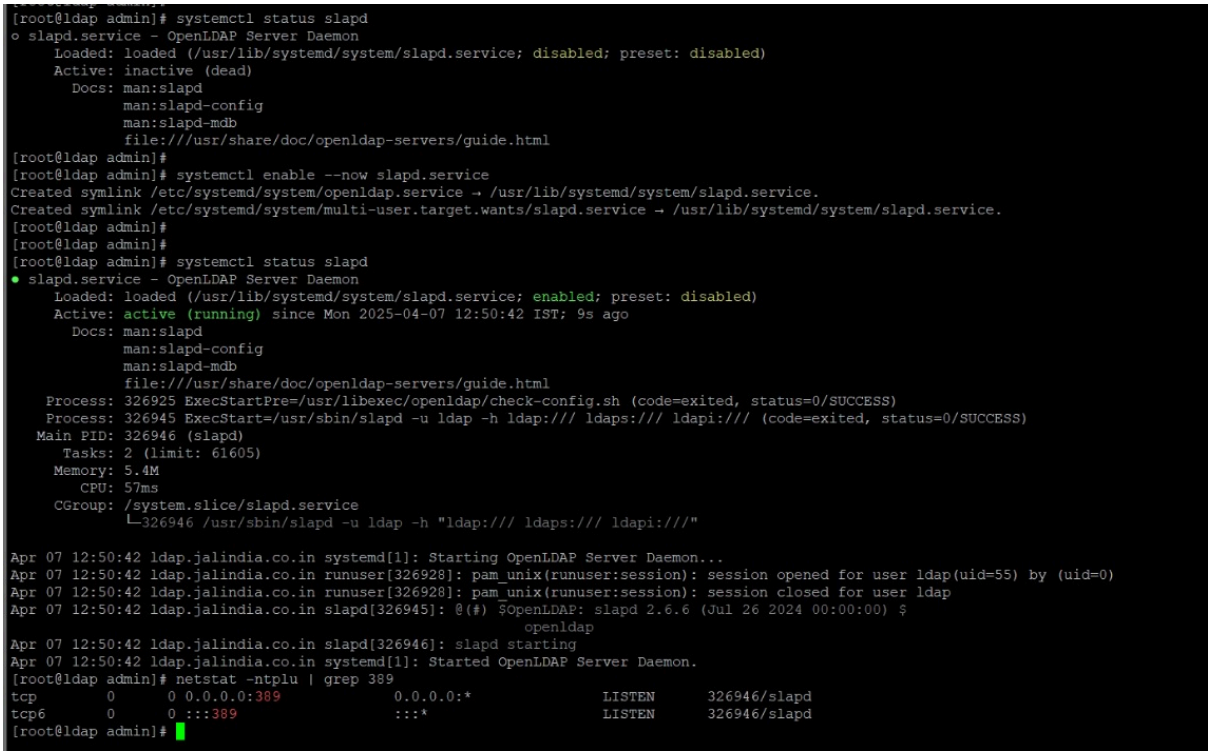
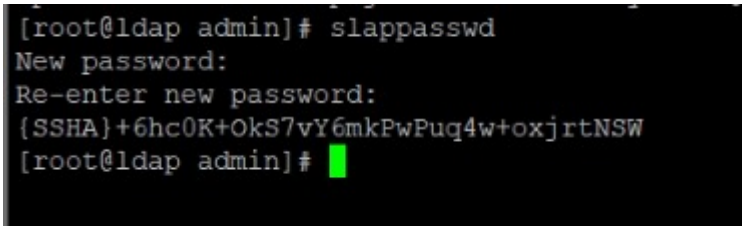
Openldap Installation

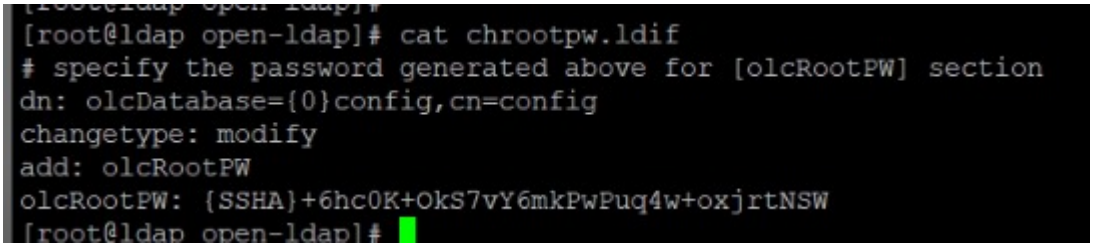
1. Configure local repo
2. Install openldap packages via rpm file



systemctl status slapd (openldap service)



Set slap passwd



Create chrootpw.ldif file

```
[root@ldap open-ldap]# ldapadd -Y EXTERNAL -H ldapi:/// -f chrootpw.ldif
SASL/EXTERNAL authentication started
SASL username: gidNumber=0+uidNumber=0,cn=peercred,cn=external,cn=auth
SASL SSF: 0
modifying entry "olcDatabase={0}config,cn=config"

[root@ldap open-ldap]#
```

```
[root@ldap open-ldap]# cd /etc/openldap/schema/
[root@ldap schema]# ls
collective.ldif    corba.schema  cosine.ldif    dsee.schema     dyngroup.ldif      inetorgperson.schema  misc.ldif    msuser.schema      nis.ldif      openldap.schema
collective.schema  core.ldif     cosine.schema  duaconf.ldif    dyngroup.schema    java.ldif             misc.schema  namedobject.ldif   nis.schema    pmi.ldif
corba.ldif         core.schema   dsee.ldif      duaconf.schema  inetorgperson.ldif java.schema           msuser.ldif  namedobject.schema  openldap.ldif  pmi.schema
[root@ldap schema]#
[root@ldap schema]# ldapadd -Y EXTERNAL -H ldapi:/// -f /etc/openldap/schema/cosine.ldif
SASL/EXTERNAL authentication started
SASL username: gidNumber=0+uidNumber=0,cn=peercred,cn=external,cn=auth
SASL SSF: 0
adding new entry "cn=cosine,cn=schema,cn=config"

[root@ldap schema]# ldapadd -Y EXTERNAL -H ldapi:/// -f /etc/openldap/schema/nis.ldif
SASL/EXTERNAL authentication started
SASL username: gidNumber=0+uidNumber=0,cn=peercred,cn=external,cn=auth
SASL SSF: 0
adding new entry "cn=nis,cn=schema,cn=config"

[root@ldap schema]#
```

Add ldap schema

```
[root@ldap schema]# ldapadd -Y EXTERNAL -H ldapi:/// -f /etc/openldap/schema/inetorgperson.ldif
SASL/EXTERNAL authentication started
SASL username: gidNumber=0+uidNumber=0,cn=peercred,cn=external,cn=auth
SASL SSF: 0
adding new entry "cn=inetorgperson,cn=schema,cn=config"

[root@ldap schema]#
```

```
[root@ldap open-ldap]# cd /etc/openldap/schema/
[root@ldap schema]# ls
collective.ldif    corba.schema  cosine.ldif    dsee.schema     dyngroup.ldif      inetorgperson.schema  misc.ldif    msuser.schema      nis.ldif      openldap.schema
collective.schema  core.ldif     cosine.schema  duaconf.ldif    dyngroup.schema    java.ldif             misc.schema  namedobject.ldif   nis.schema    pmi.ldif
corba.ldif         core.schema   dsee.ldif      duaconf.schema  inetorgperson.ldif java.schema           msuser.ldif  namedobject.schema  openldap.ldif  pmi.schema
[root@ldap schema]#
[root@ldap schema]# ldapadd -Y EXTERNAL -H ldapi:/// -f /etc/openldap/schema/cosine.ldif
SASL/EXTERNAL authentication started
SASL username: gidNumber=0+uidNumber=0,cn=peercred,cn=external,cn=auth
SASL SSF: 0
adding new entry "cn=cosine,cn=schema,cn=config"

[root@ldap schema]# ldapadd -Y EXTERNAL -H ldapi:/// -f /etc/openldap/schema/nis.ldif
SASL/EXTERNAL authentication started
SASL username: gidNumber=0+uidNumber=0,cn=peercred,cn=external,cn=auth
SASL SSF: 0
adding new entry "cn=nis,cn=schema,cn=config"

[root@ldap schema]# ldapadd -Y EXTERNAL -H ldapi:/// -f /etc/openldap/schema/inetorgperson.ldif
SASL/EXTERNAL authentication started
SASL username: gidNumber=0+uidNumber=0,cn=peercred,cn=external,cn=auth
SASL SSF: 0
adding new entry "cn=inetorgperson,cn=schema,cn=config"

[root@ldap schema]# slappasswd
New password:
Re-enter new password:
{SSHA}HQmzH4V7opSGqHSf/QjnaieAwD9e56G/
[root@ldap schema]# vi chdomain.ldif
[root@ldap schema]#  ldapmodify -Y EXTERNAL -H ldapi:/// -f chdomain.ldif
SASL/EXTERNAL authentication started
SASL username: gidNumber=0+uidNumber=0,cn=peercred,cn=external,cn=auth
SASL SSF: 0
modifying entry "olcDatabase={1}monitor,cn=config"

modifying entry "olcDatabase={2}mdb,cn=config"

modifying entry "olcDatabase={2}mdb,cn=config"

modifying entry "olcDatabase={2}mdb,cn=config"

modifying entry "olcDatabase={2}mdb,cn=config"

[root@ldap schema]#
```

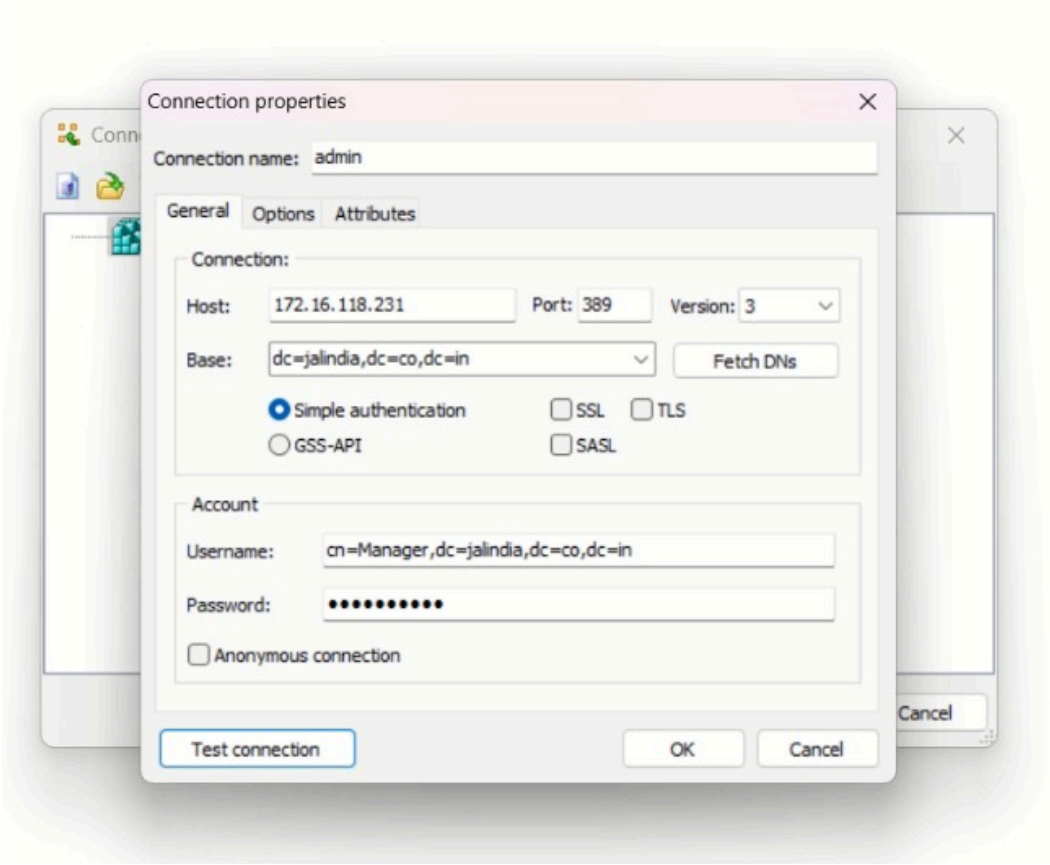
```
[root@ldap schema]# ldapadd -x -D cn=Manager,dc=jalindia,dc=co,dc=in -W -f base.ldif
Enter LDAP Password:
adding new entry "dc=jalindia,dc=co,dc=in"

adding new entry "ou=People,dc=jalindia,dc=co,dc=in"

adding new entry "cn=Manager,dc=jalindia,dc=co,dc=in"
```

Create base dn

```
[root@ldap schema]# cat base.ldif
dn: dc=jalindia,dc=co,dc=in
objectClass: top
objectClass: domain
dc: jalindia

dn: ou=People,dc=jalindia,dc=co,dc=in
objectClass: top
objectClass: organizationalUnit
ou: People

dn: cn=Manager,dc=jalindia,dc=co,dc=in
objectClass: top
objectClass: organizationalRole
cn: Manager
description: LDAP Administrator

[root@ldap schema]#
```

```
[root@ldap schema]#  ldapadd -x -D cn=Manager,dc=jalindia,dc=co,dc=in -W -f user.ldif
Enter LDAP Password:
adding new entry "uid=zimbra,ou=People,dc=jalindia,dc=co,dc=in"

[root@ldap schema]#
[root@ldap schema]#
[root@ldap schema]# cat user.ldif
dn: uid=zimbra,ou=People,dc=jalindia,dc=co,dc=in
objectClass: inetOrgPerson
objectClass: organizationalPerson
uid: zimbra
cn: zimbra
sn: zimbra-sername
mail: zimbra@jalindia.co.in
departmentNumber: IT
userPassword: {SSHA}HQmzH4V7opSGgHSf/QjnaieAwD9e56G/
[root@ldap schema]#
```

Add zimbra user for testing purpose



Install ldap manager exe and add the manager details, then we have manage user's via frontend

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