***LDAP***

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| Easy steps for adding users: 1. Create unix user 2. Create unix user's ldap passwd file 3. Convert passwd.file to ldif file 4. Add ldap file to LDAP Directory using ldapaddStep #1. Requirements compat-openldap.i386 0:2.1.30-6.4E  openldap-clients.i386 0:2.2.13-6.4E  openldap-devel.i386 0:2.2.13-6.4E  openldap-servers.i386 0:2.2.13-6.4E  openldap-servers-sql.i386 0:2.2.13-6.4EStep #2. Start the service[root@ldap ~]# chkconfig --levels 235 ldap on[root@ldap ~]# service ldap start Step #3. Create LDAP root user password[root@ldap ~]# slappasswd New password:  Re-enter new password:  {SSHA}cWB1VzxDXZLf6F4pwvyNvApBQ8G/DltW[root@ldap ~]#Step #4. Update /etc/openldap/slapd.conf for the root password[root@ldap ~]# vi /etc/openldap/slapd.conf #68 database bdb #69 suffix "dc=ensat,dc=ma" #70 rootdn "cn=Manager,dc=ensat,dc=ma" #71 rootpw {SSHA}cWB1VzxDXZLf6F4pwvyNvApBQ8G/DltW Step #5. Apply Changes[root@ldap ~]# service ldap restart Step #10. Update root.ldif file for the "Manager" of LDAP Server [root@ldap ~]# vi /etc/openldap/root.ldif #1 dn: uid=root,ou=People,dc=ensat,dc=ma #2 uid: root #3 cn: Manager #4 objectClass: accountStep #11. Create a domain ldif file (/etc/openldap/ensat.ma.ldif)[root@ldap ~]# cat /etc/openldap/ensat.ma.ldif dn: dc=ensat,dc=ma dc: ensat description: LDAP Admin objectClass: dcObject objectClass: organizationalUnit ou: rootobject  dn: ou=People, dc=ensat,dc=ma ou: People description: Users of ensat objectClass: organizationalUnitStep #12. Import all users in to the LDAPAdd the Domain ldif file [root@ldap ~]#vi /etc/openldap/ldap.conf[root@ldap ~]# ldapadd -x -D "cn=Manager,dc=ensat,dc=ma" -W -f /etc/openldap/ensat.ma.ldif Enter LDAP Password:  adding new entry "dc=ensat,dc=ma" adding new entry "ou=People, dc=ensat,dc=ma"[root@ldap ~]# Add the users:[root@ldap ~]# ldapadd -x -D "cn=Manager,dc=ensat,dc=ma" -W -f /etc/openldap/root.ldif Enter LDAP Password:  adding new entry "uid=root,ou=People,dc=ensat,dc=ma" adding new entry "uid=operator,ou=People,dc=ensat,dc=ma" | Step #6. Create test users[root@ldap ~]# useradd test1[root@ldap ~]# passwd test1 Changing password for user test1. New UNIX password:  Retype new UNIX password:  passwd: all authentication tokens updated successfully.[root@ldap ~]# useradd test2[root@ldap ~]# passwd test2 Changing password for user test2. New UNIX password:  Retype new UNIX password:  passwd: all authentication tokens updated successfully.[root@ldap ~]# Step #7. Migrate local users to LDAP[root@ldap ~]# grep root /etc/passwd > /etc/openldap/passwd.root[root@ldap ~]# grep test1 /etc/passwd > /etc/openldap/passwd.test1[root@ldap ~]# grep test2 /etc/passwd > /etc/openldap/passwd.test2Step #8. Update default settings on file /usr/share/openldap/migration/migrate\_common.ph #71 $DEFAULT\_MAIL\_DOMAIN = "ensat.ma"; #74 $DEFAULT\_BASE = "dc=ensat,dc=ma";Step #9. Convert passwd.file to ldif (LDAP Data Interchange Format) file [root@ldap ~]# /usr/share/openldap/migration/migrate\_passwd.pl /etc/openldap/passwd.root /etc/openldap/root.ldif[root@ldap ~]# /usr/share/openldap/migration/migrate\_passwd.pl /etc/openldap/passwd.test1 /etc/openldap/test1.ldif[root@ldap ~]# /usr/share/openldap/migration/migrate\_passwd.pl /etc/openldap/passwd.test2 /etc/openldap/test2.ldif[root@ldap ~]# ldapadd -x -D "cn=Manager,dc=ensat,dc=ma" -W -f /etc/openldap/test1.ldif Enter LDAP Password:  adding new entry "uid=test1,ou=People,dc=ensat,dc=ma"[root@ldap ~]# [root@ldap ~]# ldapadd -x -D "cn=Manager,dc=ensat,dc=ma" -W -f /etc/openldap/test2.ldif Enter LDAP Password:  adding new entry "uid=test2,ou=People,dc=ensat,dc=ma" [root@ldap ~]#  Note: Repeat the same for the rest of usersStep #13. Apply Changes [root@ldap ~]# service ldap restart Step #14. Test LDAP ServerIt prints all the user information:[root@ldap ~]# ldapsearch -x -b 'dc=ensat,dc=ma' '(objectclass=\*)'authconfig-gtk getent passwd test1userdel test1getent passwd test1Step #15. Modifier un mot de passedn: uid=test1,ou=People,dc=ensat,dc=machangetype: modifyreplace: userPassworduserPassword: {SSHA}AjHGT0UqSa/JnhVA8LTo0QMp1DtFslZoldapmodify -W -D "cn=Manager,dc=ensat,dc=ma" -x -H ldap://192.168.2.1 -f /etc/openldap/test11.ldif |