

LDAP SERVER CONFIGURATION

SERVER SIDE CONFIGURATION

- 1) Yum install openldap* migrationtools -y
- 2) Slappaswd
New passwd : NIRAV
RE-ENTER PASSWD : NIRAV
{ssh...} encrypted "copy this passwd "
- 3) Cd /etc/openldap/slapd.d/cn=config
- 4) Vim olcDatabase{2}hdb.ldif
olcSuffix: dc=example,dc=com
olcRootDN: cn=manager,dc=example,dc=com
olcRootPW: paste copy passwd
olcTLSCertificateFile: /etc/pki/tls/certs/example.pem
olcTLSCertificateKeyFile: /etc/pki/tls/certs/examplekey.pem
- 5) vim olcDatabase={1}monitor.ldif
olcAccess: {0}to* by
dn.base="gidNumber=0+uidNumber=0,cn=peercred,cn=external, cn=auth"
read by
dn.base="cn=Manager,dc=example,dc=com" read by * none
- 6) Slaptest -u
- 7) Systemctl start slapd
- 8) Systemctl enable slapd
- 9) Netstat -lt | grep ldap
- 10) Cp /usr/share/openldap-servers/DB-CONFIG.example /var/lib/ldap/
- 11) Chown -R ldap:ldap /var/lib/ldap
- 12) ldapadd -Y EXTERNAL -H ldapi:/// -f /etc/openldap/schema/cosine.ldif
- 13) ldapadd -Y EXTERNAL -H ldapi:/// -f /etc/openldap/schema/nis.ldif
- 14) ldapadd -Y EXTERNAL -H ldapi:/// -f /etc/openldap/schema/inetorgperson.ldif
- 15) openssl req -new -x509 -nodes -out /etc/pki/tls/certs/example.pem -keyout /etc/pki/tls/certs/examplekey.pem -days 365
- 16) ll /etc/pki/tls/certs/*.pem
- 17) cd /usr/share/migrationtools/
- 18) vi migrate_common.ph
\$DEFAULT_MAIL_DOMAIN = "learnitguide.net";
\$DEFAULT_BASE = "dc=learnitguide,dc=net";
\$EXTENDED_SCHEMA = 1;

- 19) touch /root/base.ldif
dn: dc=example,dc=com
objectClass: top
objectClass: dcObject
objectclass: organization
o: example com
dc: example

dn: cn=Manager,dc=example,dc=com
objectClass: organizationalRole
cn: Manager
description: Directory Manager

dn: ou=People,dc=example,dc=com
objectClass: organizationalUnit
ou: People

dn: ou=Group,dc=example,dc=com
objectClass: organizationalUnit
ou: Group
- 20) Useradd ldapuser1
21) Useradd ldapuser2
22) Echo "redhat" | passwd --stdin ldapuser1
23) Echo "redhat" | passwd --stdin ldapuser2

24) grep ":10[0-9][0-9]" /etc/passwd > /root/passwd
25) grep ":10[0-9][0-9]" /etc/group > /root/group
26) ./migrate_passwd.pl /root/passwd /root/users.ldif
27) ./migrate_group.pl /root/group /root/groups.ldif

28) ldapadd -x -W -D "cn=Manager,dc=example,dc=com" -f /root/base.ldif
29) ldapadd -x -W -D "cn=Manager,dc=example,dc=com" -f /root/users.ldif
30) ldapadd -x -W -D "cn=Manager,dc=example,dc=com" -f /root/groups.ldif

31) ldapsearch -x cn=ldapuser1 -b dc=example,dc=com
32) ldapsearch -x -b 'dc=example,dc=com' '(objectclass=*)'

33) Systemctl stop firewalld
34) Vim /etc/exports
/home *(rw,async)

35) Yum install rpcbind nfs-utils -y
36) Systemctl start rpcbind
37) Systemctl start nfs
38) Systemctl enable nfs
39) Systemctl enable rpcbind
40) Showmount -e

Client side configuration

- 41) yum install openldap-clients nss-pam-ldapd
- 42) Yum install authconfig*
- 43) Authconfig-gtk
- 44) Getent passwd ldapuser1