

NTLM Destekli Squid Kurulumu

Icindekiler:

Kerberos Kurulum

Samba Kurulum

Squid Kurulum

Samba Calistirma

Testler

Squid Calistirma

Kullanilan Paketler:

Kerberos:krb5-1.4.1

Samba:samba 3.0.14

Squid:squid-2.5.stable7

Kerberos Kurulum:

Paket acildikten sonra

```
#cd ../KerberosSource/
```

```
#!/configure
```

```
#make
```

```
#make install
```

ile sisteme kurulum tamamlanir.

```
/usr/local/bin/krb5-config  
/usr/local/bin/krb524init  
/usr/local/include/gssapi/gssapi_krb5.h  
/usr/local/include/krb5.h  
/usr/local/lib/libgssapi_krb5.so  
/usr/local/lib/libgssapi_krb5.so.2  
/usr/local/lib/libgssapi_krb5.so.2.2  
/usr/local/lib/libkrb5.so  
/usr/local/lib/libkrb5.so.3  
/usr/local/lib/libkrb5.so.3.2  
/usr/local/lib/libkrb5support.so  
/usr/local/lib/libkrb5support.so.0  
/usr/local/lib/libkrb5support.so.0.0  
/usr/local/sbin/krb5-send-pr  
/usr/local/sbin/krb524d  
/usr/local/sbin/krb5kdc  
/usr/local/sbin/login.krb5
```

Sistem dosyalari kontrol edilmelidir.

Samba Kurulum:

Paket acildikten sonra

```
#cd ../SambaSource/source/
```

```
#!/configure --with-winbind --with-winbind-auth-challenge --with-ads
```

```
#make
```

```
#make install
```

../SambaSource/source/nsswitch/libnss_winbind.so

Ve

../SambaSource/source/nsswitch/libnss_wins.so

dosyalari

/lib

altina kopyalanmalidir.

Ayrica /lib altinda belirtilen dosyaadi.so olan dosyalar yine /lib altinda olacak sekilde dosyaadi.so.2 seklinde linklenmelidir.

```
ln -s libnss_winbind.so libnss_winbind.so.2
```

```
ln -s libnss_wins.so libnss_wins.so.2
```

Sonrasinda

/etc/nsswitch.conf

dosyasi

```
passwd:    files winbind
```

```
shadow:    files
```

```
group:     files winbind
```

seklinde duzenlenmelidir.

Samba konfigurasyon dosyasi asagidaki gibi duzeltilmelidir.

/usr/local/samba/lib/smb.conf

```
workgroup = BIZIMSIRKET
```

```
security = ads
```

```
password server = 136.10.192.65
```

```
realm = BIZIMSIRKET.COM.TR
```

```
winbind seperator = /
```

```
winbind enum users = yes
```

```
winbind enum groups = yes
```

```
idmap uid = 10000-20000
idmap gid = 10000-20000
winbind trusted domains only = yes
winbind use default domain = yes
winbind nested groups = yes
obey pam restrictions = yes
winbind cache time = 600
```

Squid Kurulum:

Paket acilir

```
#cd SquidSource/
```

```
#!/configure
```

```
--enable-ntlm-auth-helpers="winbind,SMB" \
--enable-external-acl-helpers="unix_group,wbinfo_group" \
--enable-auth="ntlm,basic" \
--with-samba-sources="//SambaSource/" \
--enable-basic-auth-helpers="winbind"
```

```
#make
```

```
#make install
```

Sonrasinda

/usr/local/squid/etc/squid.conf asagidaki sekilde duzenlenmelidir.

```
http_port 80
auth_param ntlm program /usr/local/samba/bin/ntlm_auth --helper-protocol=squid-2.5-
ntlmssp
auth_param ntlm children 5
auth_param ntlm max_challenge_reuses 0
auth_param ntlm max_challenge_lifetime 2 minutes
auth_param ntlm use_ntlm_negotiate off
```

tum authenticate olan kullanicilarin erisim yapmasi icin

```
acl ntlmusers proxy_auth REQUIRED
http_access allow ntlmusers all
```

eger sadece istedigimiz gruplara uye kullanicilarin erisimini istiyorsak

```
external_acl_type igroup %LOGIN /usr/local/squid/libexec/wbinfo_group.pl
```

```
acl iuser external igroup inetuser
http_access allow iuser
```

eklenmelidir.

Samba Calistirma:

```
#!/usr/local/samba/sbin/nmbd -D
```

```
#!/usr/local/samba/sbin/winbindd -B
```

```
#!/usr/local/samba/sbin/smbd -D
```

Test:

```
#!/usr/local/samba/bin/wbinfo -a DOMAIN\username%password
```

```
#!/usr/local/samba/bin/net join -S domainname -U username
```

```
#!/kinit username@DOMAIN
```

sekinde AD ye erisimi kontrol edebiliriz.

```
#!/usr/local/samba/bin/wbinfo -t
```

checking the trust secret via RPC calls succeeded

sekinde cevap almaliyiz

```
#!/usr/local/samba/bin/wbinfo -u ile domaindeki kullanicilari gorebiliriz
```

```
#!/usr/local/samba/bin/wbinfo -g ile domaindeki grouplari gorebiliriz.
```

Squid Calistirma:

```
#!/usr/local/squid/sbin/squid -sY -f /usr/local/squid/etc/squid.conf
```