

## Update a HDsamba2 installation from using Samba2 to using Samba3

Please note: That it may be very important that you have swap running, or Samba3 is very likely to run out of memory.

Loosely based on D13H4rdNL's original Update Tutorial which can be found [here](#)

## Manual update steps

I'm assuming the router is on 192.168.1.1

I'm assuming you have used the v3install.HDsamba2 script to install samba.

The smb.conf below is for an open SHARE (no password authentication required)

This has been tested on:

- DD-WRT v24-sp2 (07/10/09) mega - build 12476M NEWD Eko on a WRT610N (no V1), CFE .16/7.

Using client machines:

- XP Professional/32 and
- Vista Ultimate/64

If its been a while since you installed HDsamba2 you should first update the Optware list

```
ipkg-opt update
```

Check that you have BusyBox v1.13.4 installed. BusyBox seems to have ammended code to support Long File Sizes (I haven't tested it without BusyBox). The version is displayed immedeatly following your password input when you log in to the router. Else:

```
ipkg-opt install busybox
```

Make a copy of smb.conf file and S80samba

```
cp /opt/etc/samba/smb.conf /opt/etc/samba/smb.conf.2.backup  
cp /opt/etc/init.d/S80samba /opt/etc/init.d/S80samba.backup
```

Remove samba 2.2.12 and install samba 3.2.13

```
ipkg-opt remove samba2  
ipkg-opt install samba
```

## HDsamba2\_update\_to\_samba3

### Copy smb.conf and S80samba back

```
cp /opt/etc/samba/smb.conf.2.backup /opt/etc/samba/smb.conf
cp /opt/etc/init.d/S80samba.backup /opt/etc/init.d/S80samba
```

Add the following line to smb.conf in the section [global]:

```
interfaces = 192.168.1.1/24
```

I used testparm to test smb.conf:

```
testparm /mnt/opt/etc/samba/smb.conf
```

Result should look something like this:

```
Processing section "[data]"
Module '/opt/lib/charset/CP850.so' loaded
Loaded services file OK.
Server role: ROLE_STANDALONE
Press enter to see a dump of your service definitions

[global]
workgroup = MSHOME
netbios name = USBDISK
server string = USBDISK
interfaces = 192.168.1.1/24
security = SHARE
map to guest = Bad User
log file = /opt/var/log/samba/samba_log.%m
max log size = 100
name resolve order = wins hosts lmhosts bcast
socket options = TCP_NODELAY SO_RCVBUF=8192 SO_SNDBUF=8192
load printers = No
dns proxy = No
wins support = Yes
remote announce = 192.168.1.255
hosts allow = 192.168.1.0/24

[data]
path = /mnt/data/
force user = root
read only = No
inherit permissions = Yes
inherit acls = Yes
guest ok = Yes
```

You can proceed if there are no error messages, otherwise you have to resolve those first.

List shares on windows machine or samba server to test if interfaces are working:

```
smbclient -L 192.168.1.1
```

There is a new /opt/etc/init.d/S08samba created. It can be be deleted

## HDsamba2\_update\_to\_samba3

```
rm /opt/etc/init.d/S08samba
```

Now run the S80samba script to start Samba3

```
sh /opt/etc/init.d/S80samba
```

and run ps to verify that the daemons have started:

```
17057 root 6536 S /opt/sbin/nmbd -D
17059 root 11020 S /opt/sbin/smbd -D
17060 root 11012 S /opt/sbin/smbd -D
```

Run `smbd -V` to check version:

```
root@DD-WRT:/mnt/opt/etc/samba# smbd -V
Version 3.2.13
```