Install Samba

Synopsis:

Samba is Free Software licensed under the GNU General Public License. Samba is an important component to seamlessly integrate Linux/Unix Servers and Desktops into Active Directory environments using the winbind daemon.

In our Home Gateway Project, we will use SAMBA to create a 'file server' to share files between different Windows machines on our home network.

I. Installing Samba from Ports.
Log into the Freebsd system as root. (Assumes networking is already configured.)

```
#
# cd /usr/ports/net/samba410 && make install clean
#
```

The default options look ok. (note: many dependencies are required so this will take some time) ADS, LDAP, yes or no. (no, only DOCS, FAM and PROFILE, GSSAPI Built-in) Continue with default options thru out the SAMBA installation.

II. Configuration
Samba410 does not create any config file.
in /usr/local/etc edit a new smb4.conf file
[global]
workgroup = MYGROUP
realm = mygroup.local
netbios name = MEDIA
bind interfaces only = yes
log level = 1
hosts deny = ALL
hosts allow = 127. 192.168.1. 10.8.0.
interfaces = lo0 re1 192.168.1.253/24
invalid users = root
unix extensions = no
local master = no
#os level =65
#domain master = yes
#preferred master = yes

[steve data]
path = /mnt/ntfs
public = no
writable = yes
printable = no
guest ok = no
valid users = steve
follow symlinks = yes
wide links = yes

Then just enable Samba and start it:

```
#
# sysrc samba_server_enable=YES
# service samba_server start
#
```

Lastly, create the users for Samba

```
#
# pdbedit -a -u steve
#
```