

RE: Dialin problem

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/questions/2003-07/2072.html>

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Date: 07/17/03

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Date: Thu, 17 Jul 2003 12:47:56 -0400

Here is my ppp.conf file that contains notes about configuring dial in connection. Follow imbedded instruction to enable dial in connections.

```
#####  
#####  
# /etc/ppp/ppp.conf File for dial out modem to ISP and Dial in modem  
for  
# connection to this FBSD system.  
# Written by Joe Barbish 12/10/2001  
#  
# This is a working ppp.conf file I use to dial in to my ISP and to  
connect  
# my Win98 box by dialing in to this FBSD box and accessing the  
internet.  
# There are options in this ppp.conf file that I do not use, But  
present them  
# here for you to turn on by un-commenting the statements to meet  
your needs.  
#  
# For Nic to DSL configuration see www.daemonnews/200101/pppoe.html  
#  
# This ppp.conf documentation is based on a fresh install of FBSD  
4.8 with  
# all file content as delivered with no user changes.  
#  
# NOTE Any FBSD documentation that says that the physical modem has  
to have  
# it's default options profile set to, NO command echo ATE0 and NO  
results  
# string ATQ1 and saved to the physical modems onboard non-volatile  
memory  
# (NVRAM) or any references to using programs tip, kermit, mgetty,  
or minicom  
# to perform the dial function is obsolete and out dated as of FBSD  
4.0.  
#
```

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```
# Setup Instructions.
# Note steps 4 through 7 are only for dial in setup.
# 1. Recompile kernel and change pseudo-device tun 1 to tun 4
# GENERIC kernel defaults to 1 and you need 1 tun device for each
com port
# 2. Add gateway_enable="YES" to /etc/rc.conf so dialin connection
can gain
# access to internet.
# 3. Since a private internal IP address numbering scheme is used
for IP
# addresses behind this FBSD box the -nat option must be included
on the
# ppp command that starts the ppp task to dial the ISP.
# NAT = Network Address Translation. Changes your private
internal IP
# address to your public IP address that you get from your ISP
for
# outbound messages and does the reverse for inbound messages.
# From the command line example ppp -background -nat dialisp
# 4. Using root create file /etc/ppp/ppplogin
# Create file ppplogin with following 2 statements
# #! /bin/sh
# exec /usr/sbin/ppp -direct incoming
#
# incoming is the section label name in ppp.conf to be processed
when
# ppp is started by this script's exec command.
#
# This script will be launched b
```