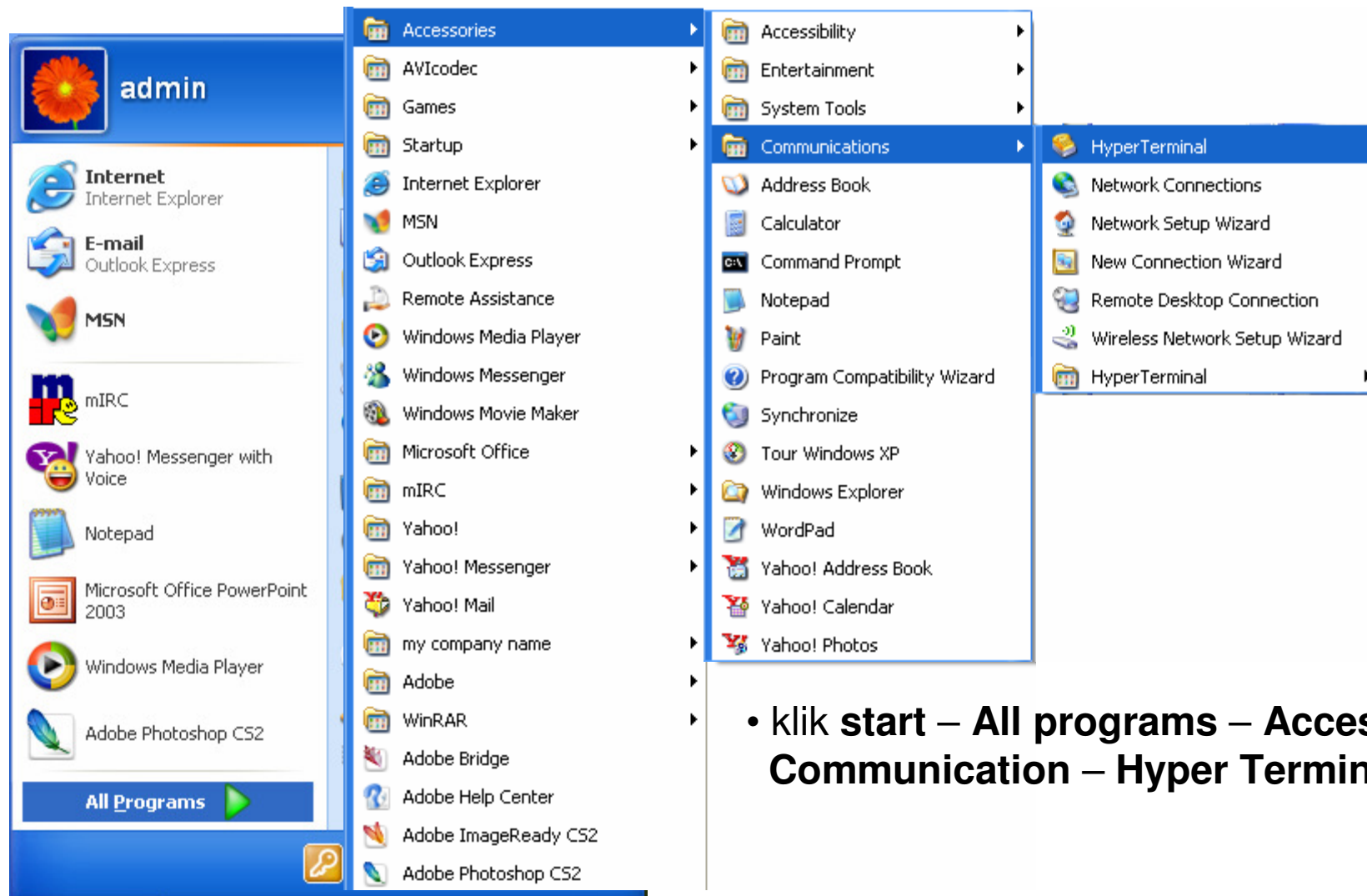


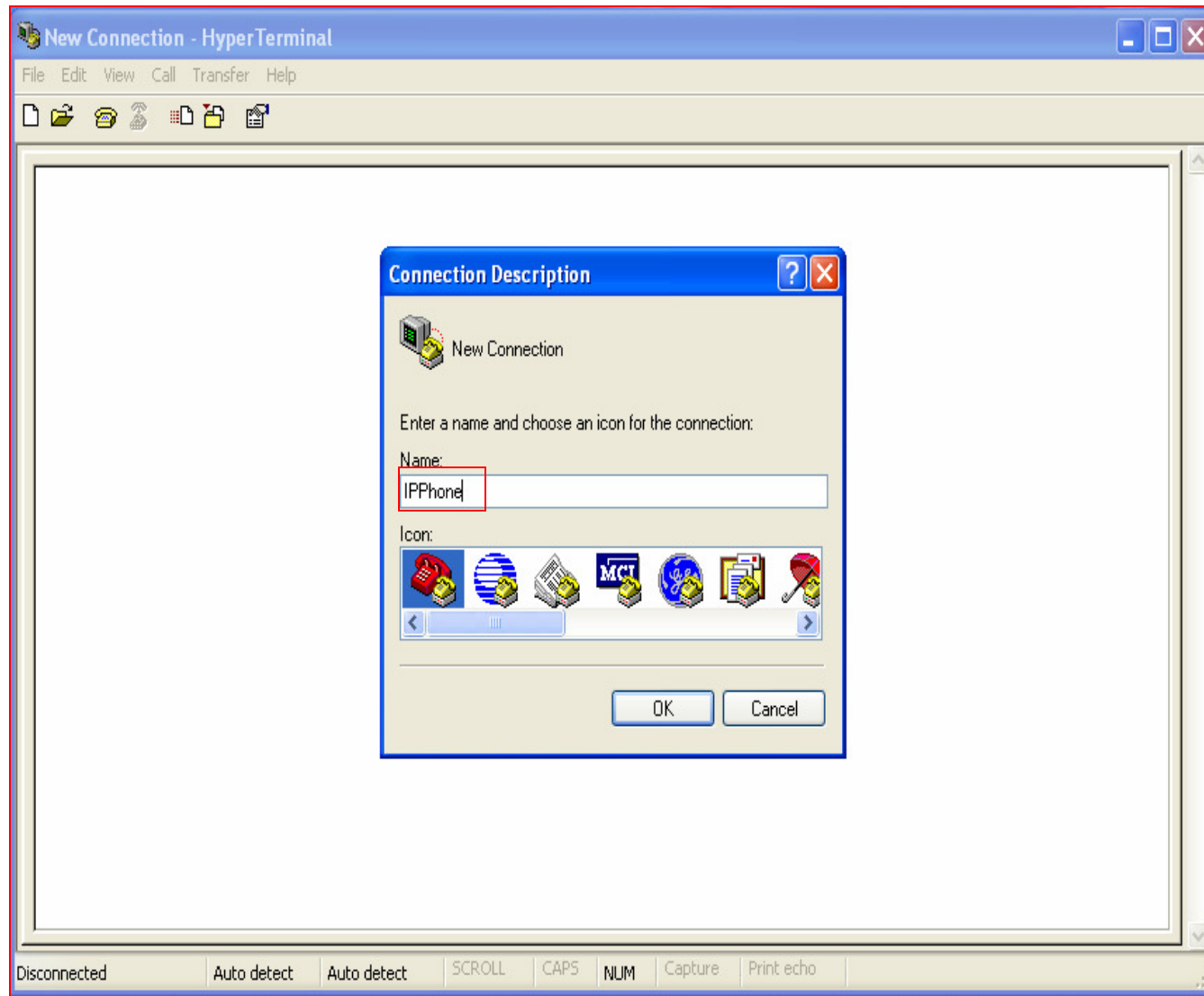
Manual ITG WellGate 3504A



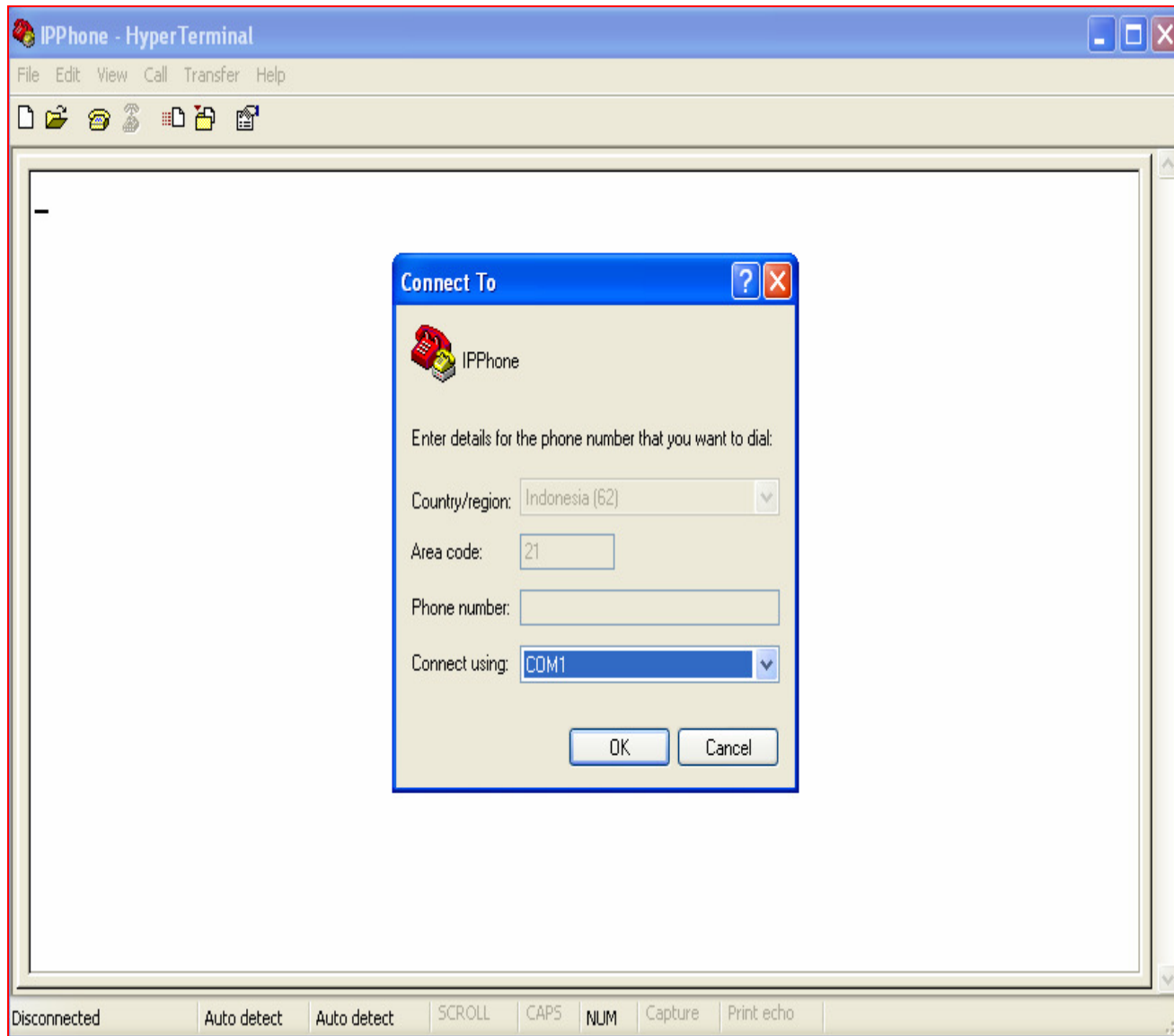
Setting IP Pada Wellgate 3504A



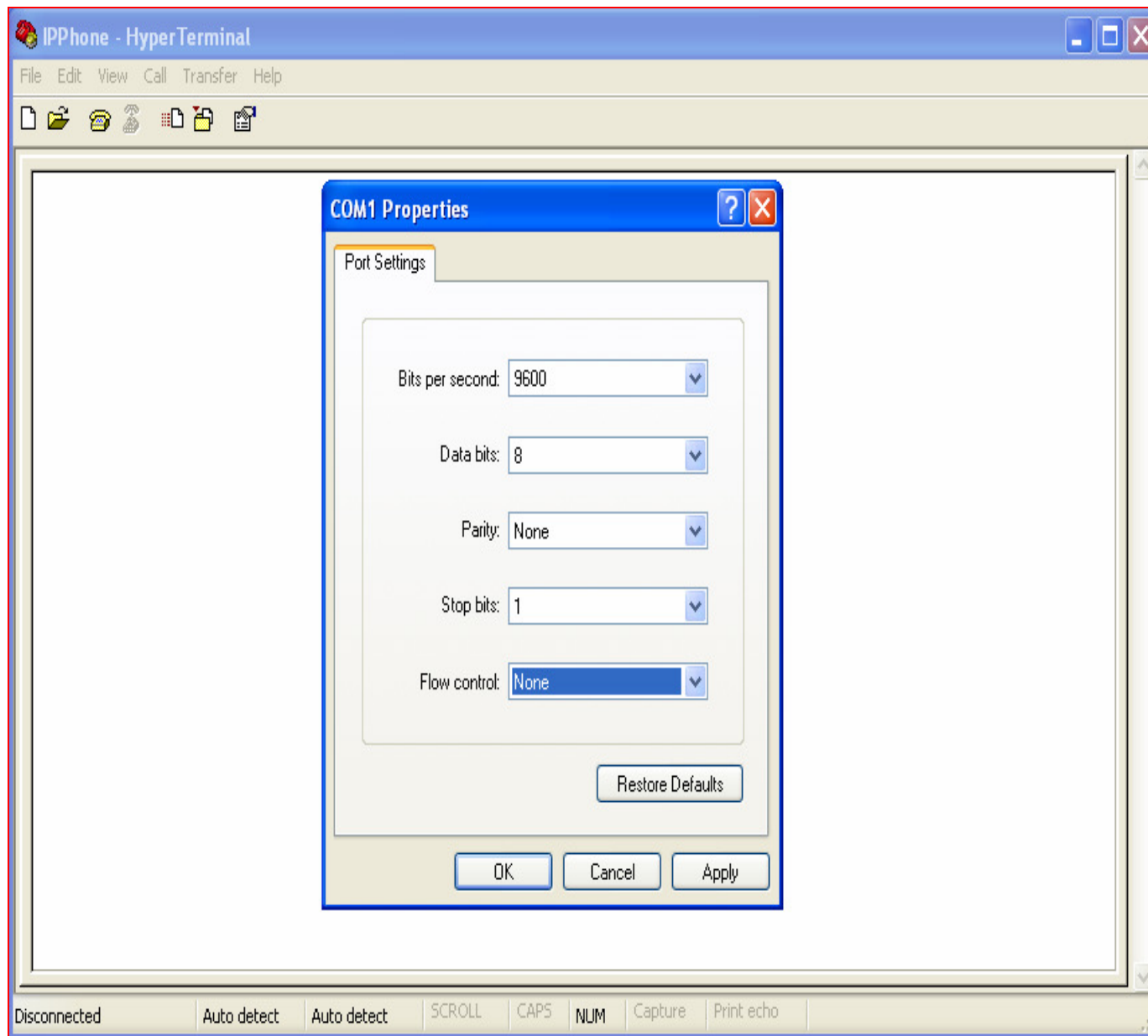
Tampilan Awal Aplikasi Hyper Terminal



- Isi Name misal **IPPhone**
- Klik **OK** untuk melanjutkan



- Pilih **COM1**
- Klik **OK** untuk melanjutkan

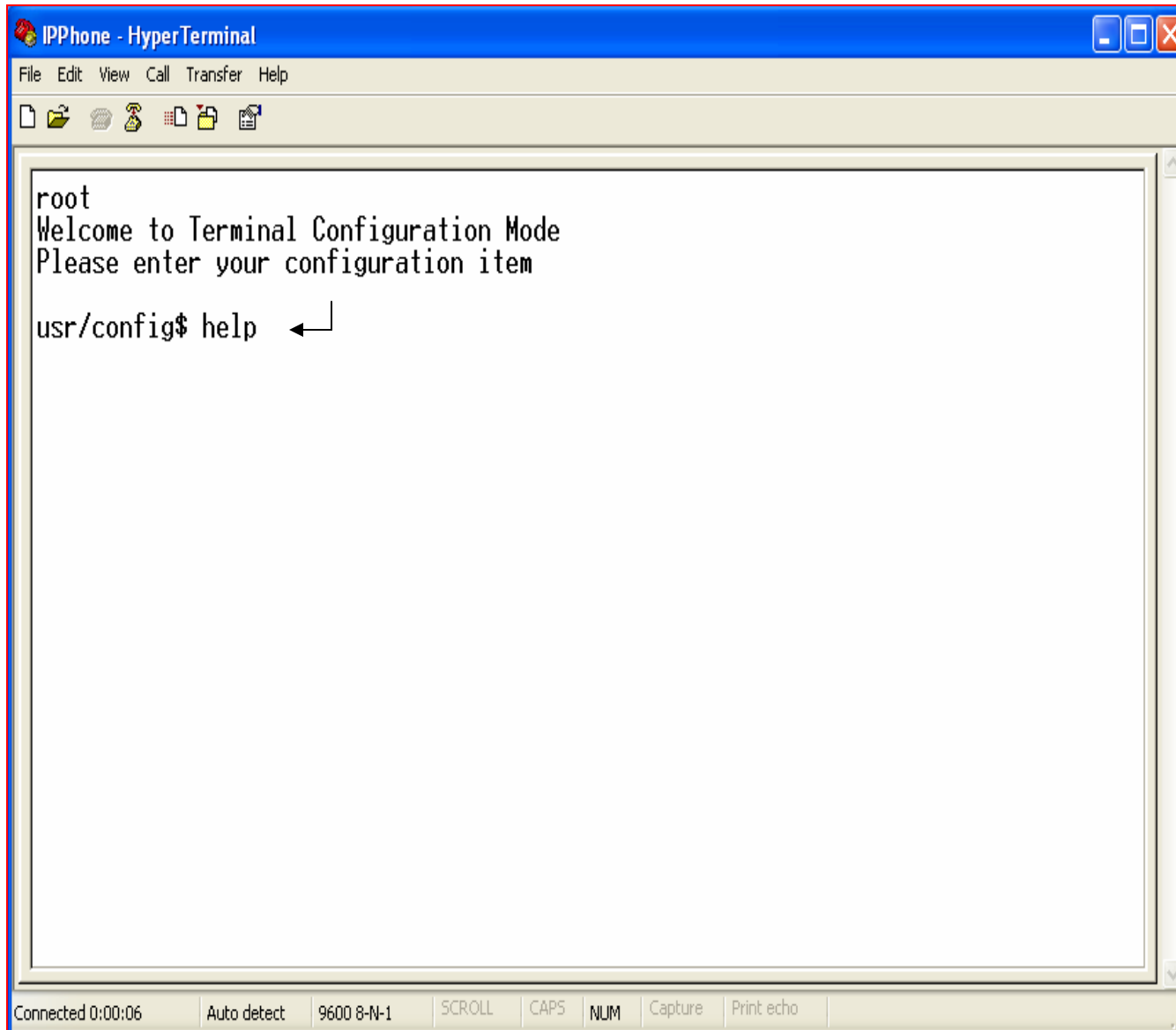


- Bits per second diisi **9600**
- Flow Control Pilih **None**
- Klik **OK** untuk melanjutkan

```
IPPhone - HyperTerminal
File Edit View Call Transfer Help
root
password:
Welcome to Terminal Configuration Mode
Please enter your configuration item
usr/config$ _
```

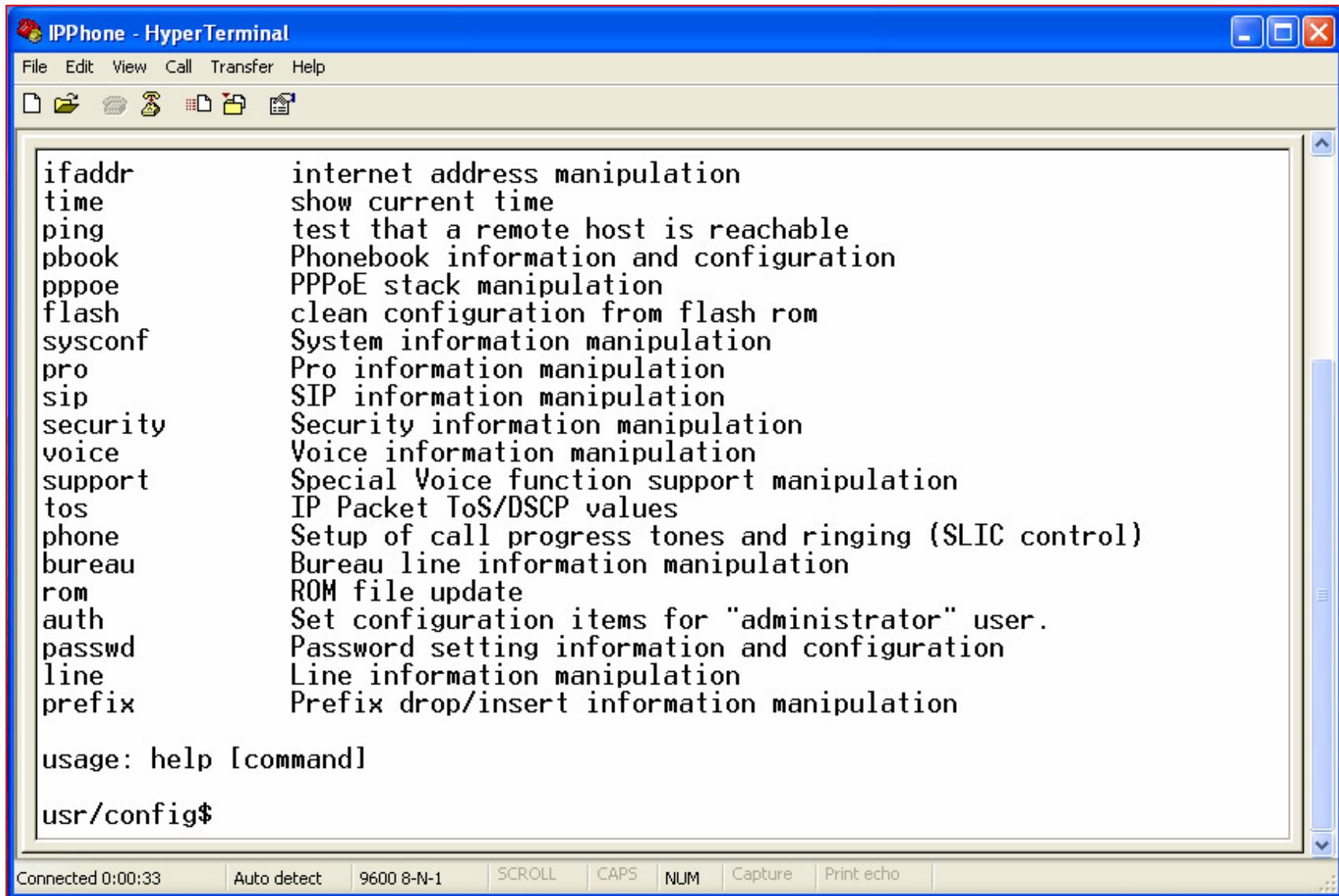
Connected 0:00:25 Auto detect 9600 8-N-1 SCROLL CAPS NUM Capture Print echo

- Ketik **root** untuk User login
- **Password (Kosong)**

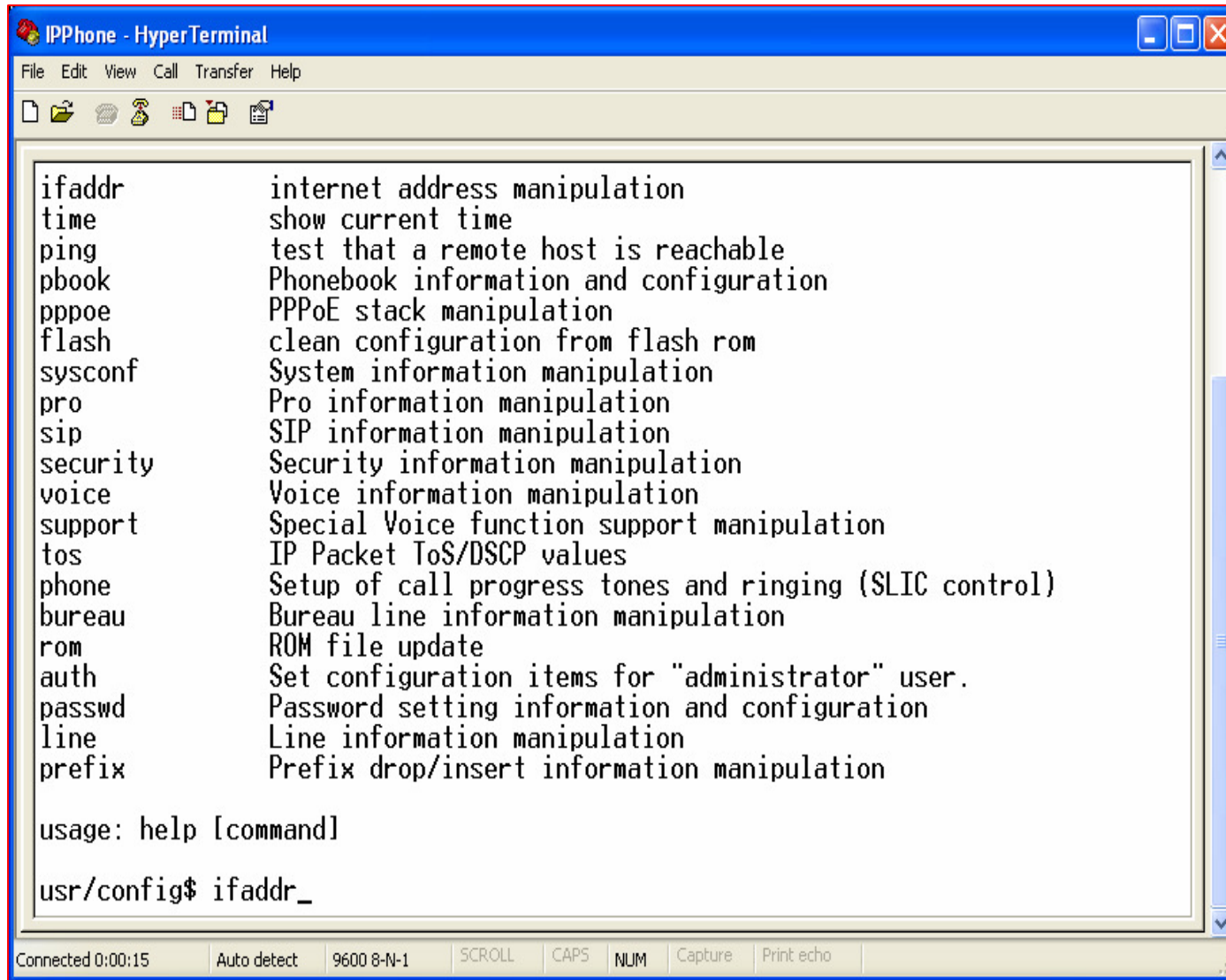


- Ketik **Help** untuk Mengetahui Perintah Konsol

Tampilan Beberapa Perintah Konsol



Perintah Ifaddr



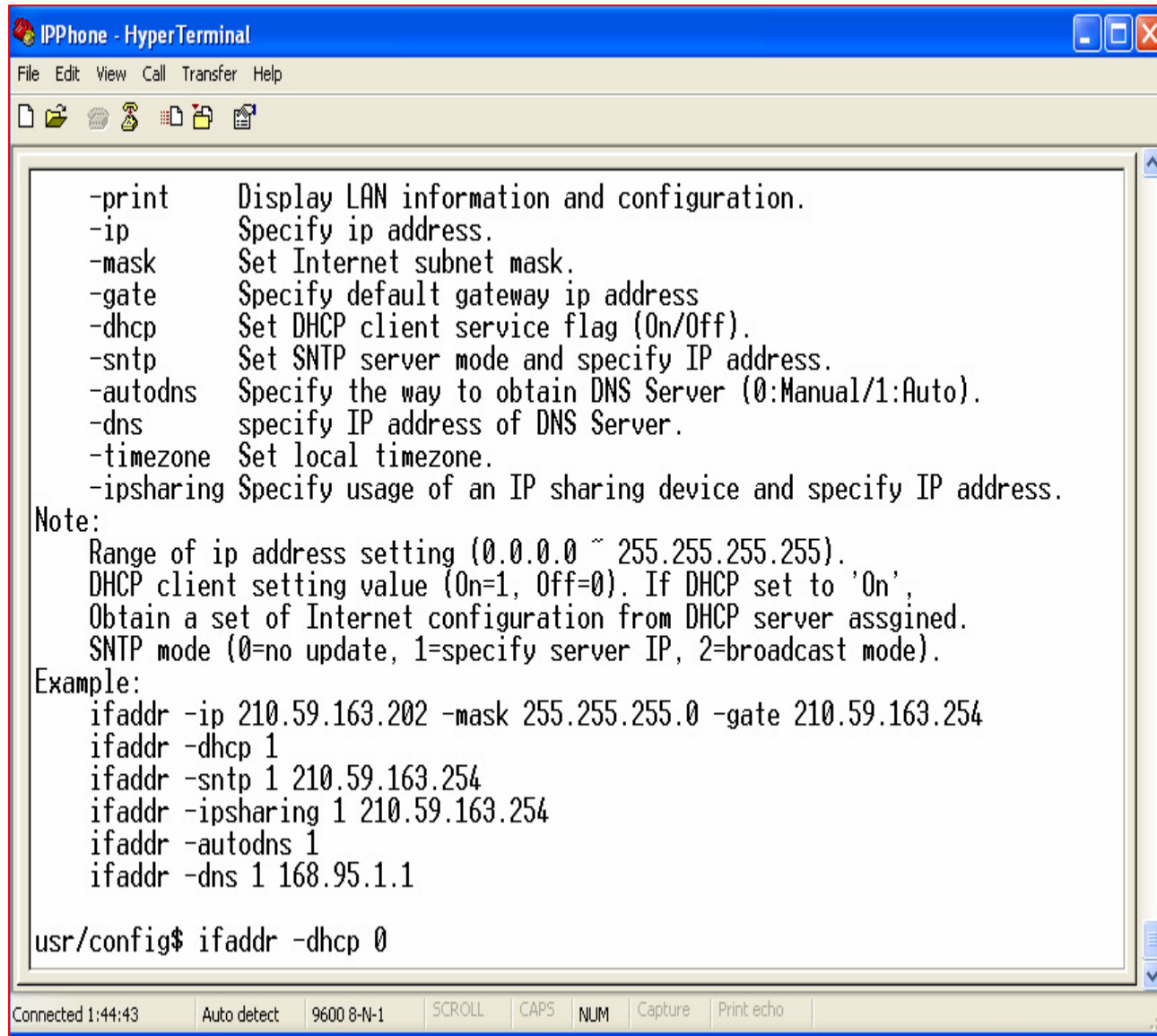
```
ifaddr      internet address manipulation
time        show current time
ping        test that a remote host is reachable
pbook       Phonebook information and configuration
pppoe       PPPoE stack manipulation
flash       clean configuration from flash rom
sysconf     System information manipulation
pro         Pro information manipulation
sip         SIP information manipulation
security    Security information manipulation
voice       Voice information manipulation
support     Special Voice function support manipulation
tos         IP Packet ToS/DSCP values
phone       Setup of call progress tones and ringing (SLIC control)
bureau      Bureau line information manipulation
rom         ROM file update
auth        Set configuration items for "administrator" user.
passwd      Password setting information and configuration
line        Line information manipulation
prefix      Prefix drop/insert information manipulation

usage: help [command]

usr/config$ ifaddr_
```

- Perintah ini digunakan untuk Pen-settingan **IP Address, Gateway dan DNS**

Disable DHCP



```
IPPhone - HyperTerminal
File Edit View Call Transfer Help
-print    Display LAN information and configuration.
-ip       Specify ip address.
-mask    Set Internet subnet mask.
-gate    Specify default gateway ip address
-dhcp    Set DHCP client service flag (On/Off).
-sntp    Set SNTP server mode and specify IP address.
-autodns Specify the way to obtain DNS Server (0:Manual/1:Auto).
-dns     specify IP address of DNS Server.
-timezone Set local timezone.
-ipsharing Specify usage of an IP sharing device and specify IP address.
Note:
Range of ip address setting (0.0.0.0 ~ 255.255.255.255).
DHCP client setting value (On=1, Off=0). If DHCP set to 'On',
Obtain a set of Internet configuration from DHCP server assigned.
SNTP mode (0=no update, 1=specify server IP, 2=broadcast mode).
Example:
ifaddr -ip 210.59.163.202 -mask 255.255.255.0 -gate 210.59.163.254
ifaddr -dhcp 1
ifaddr -sntp 1 210.59.163.254
ifaddr -ipsharing 1 210.59.163.254
ifaddr -autodns 1
ifaddr -dns 1 168.95.1.1

usr/config$ ifaddr -dhcp 0
```

Connected 1:44:43 Auto detect 9600 8-N-1 SCROLL CAPS NUM Capture Print echo

- Ketik **ifaddr -dhcp 0** Untuk men-disable DHCP

Setting IP Address

```
IPPhone - HyperTerminal
File Edit View Call Transfer Help
-
-mask      Set Internet subnet mask.
-gate      Specify default gateway ip address
-dhcp      Set DHCP client service flag (On/Off).
-sntp      Set SNTP server mode and specify IP address.
-autodns   Specify the way to obtain DNS Server (0:Manual/1:Auto).
-dns       specify IP address of DNS Server.
-timezone  Set local timezone.
-ipsharing Specify usage of an IP sharing device and specify IP address.
Note:
Range of ip address setting (0.0.0.0 ~ 255.255.255.255).
DHCP client setting value (On=1, Off=0). If DHCP set to 'On',
Obtain a set of Internet configuration from DHCP server assigned.
SNTP mode (0=no update, 1=specify server IP, 2=broadcast mode).
Example:
ifaddr -ip 210.59.163.202 -mask 255.255.255.0 -gate 210.59.163.254
ifaddr -dhcp 1
ifaddr -sntp 1 210.59.163.254
ifaddr -ipsharing 1 210.59.163.254
ifaddr -autodns 1
ifaddr -dns 1 168.95.1.1
usr/config$ ifaddr -dhcp 0
usr/config$ ifaddr -ip 172.19.51.4 -mask 255.255.255.244 -gate 172.19.51.1
Connected 1:50:13  Auto detect  9600 8-N-1  SCROLL  CAPS  NUM  Capture  Print echo
```

- Untuk pengisian **ip address**, **netmask** dan **gateway** Ketik **ifaddr -ip 172.19.51.4 -mask 255.255.255.224 -gate 172.19.51.1** (Contoh IP Address, Netmask dan Gateway)

```
IPPhone - HyperTerminal
File Edit View Call Transfer Help

please wait a moment!!!

Commit to flash memory ok!
usr/config$ comAuthentication failed at CFindAuthSlot()
Authentication failed at CFindAuthSlot()
Authentication failed at CFindAuthSlot()
uAuthentication failed at CFindAuthSlot()
Authentication failed at CFindAuthSlot()
Authentication failed at CFindAuthSlot()

usr/config$ commit

This may take a few seconds, please wait....

Commit to flash memory ok!
usr/config$ reboot

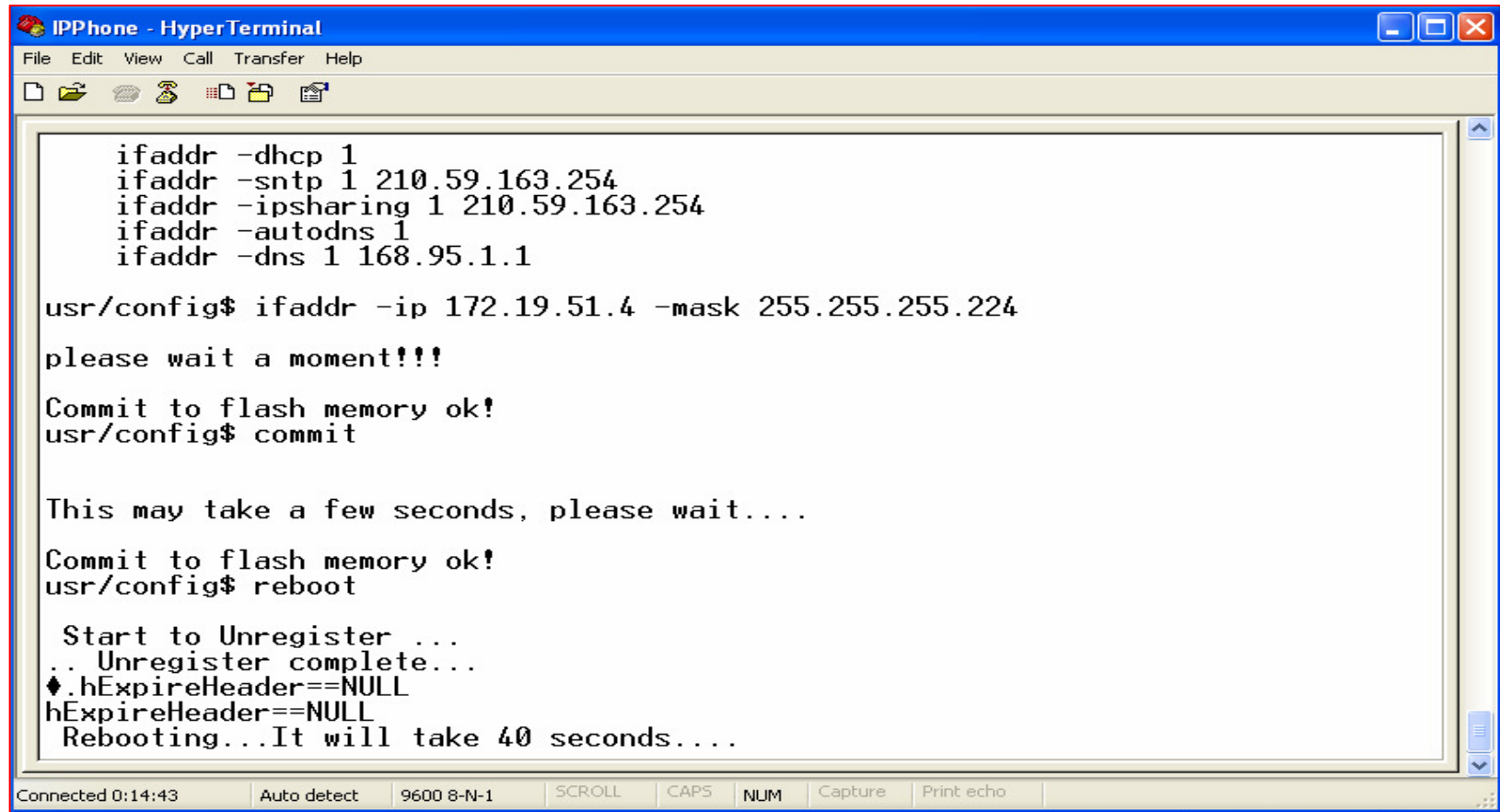
Start to Unregister ...
.. Unregister complete...
hExpireHeader==NULL
hExpireHeader==NULL
◆. Rebooting...It will take 40 seconds.

Connected 1:56:56 | Auto detect | 9600 8-N-1 | SCROLL | CAPS | NUM | Capture | Print echo
```

Setelah Setting IP address selesai,langkah berikutnya adalah :

- ketik **Commit** <enter>
- **reboot** <enter>

Proses Reboot



```
IPPhone - HyperTerminal
File Edit View Call Transfer Help

ifaddr -dhcp 1
ifaddr -snmp 1 210.59.163.254
ifaddr -ipsharing 1 210.59.163.254
ifaddr -autodns 1
ifaddr -dns 1 168.95.1.1

usr/config$ ifaddr -ip 172.19.51.4 -mask 255.255.255.224
please wait a moment!!!

Commit to flash memory ok!
usr/config$ commit

This may take a few seconds, please wait....

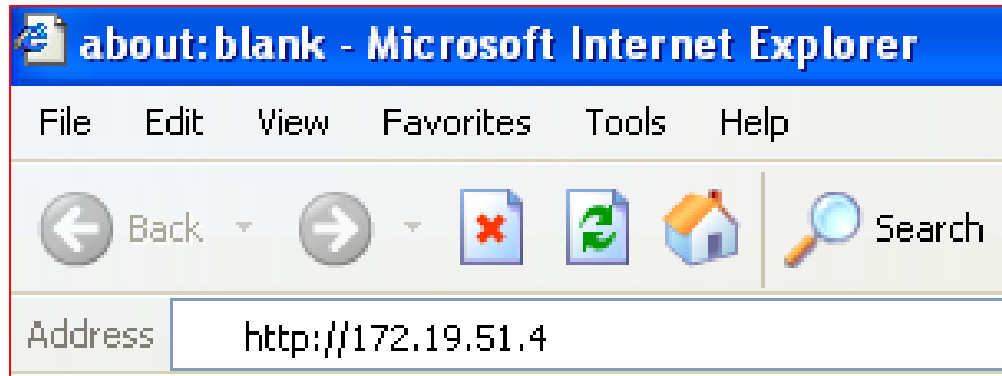
Commit to flash memory ok!
usr/config$ reboot

Start to Unregister ...
.. Unregister complete...
♦.hExpireHeader==NULL
hExpireHeader==NULL
Rebooting...It will take 40 seconds....

Connected 0:14:43  Auto detect  9600 8-N-1  SCROLL  CAPS  NUM  Capture  Print echo
```

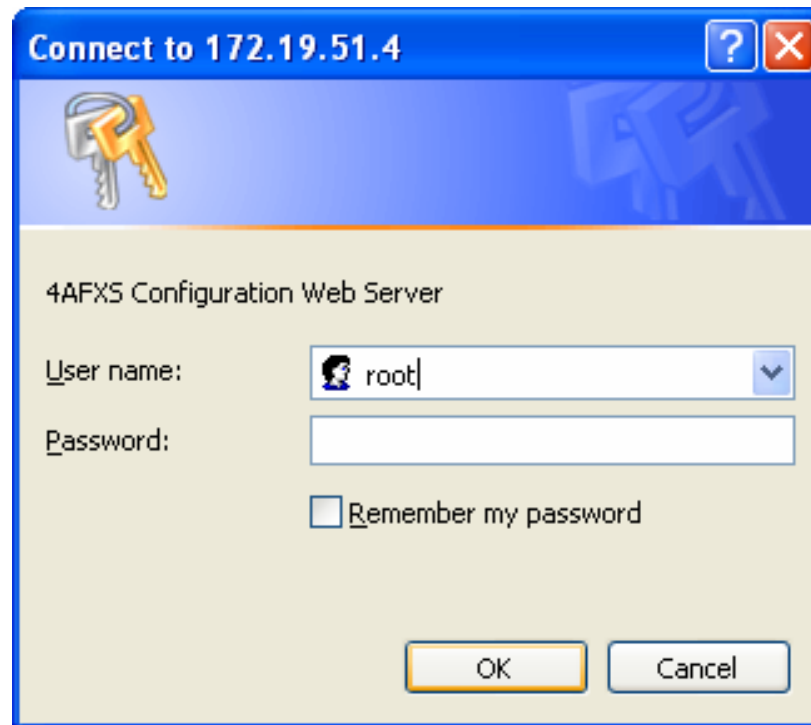
- Untuk proses restart membutuhkan waktu 40 detik

Konfigurasi WellGate 3504A



- Buka program Internet Explorer / Web Browser lainnya.
- Ketik **http://172.19.51.4** (IP Address yg baru kita setting sebelumnya)

Menu Login WellGate 3504A



Connect to 172.19.51.4

4AFXS Configuration Web Server

User name:

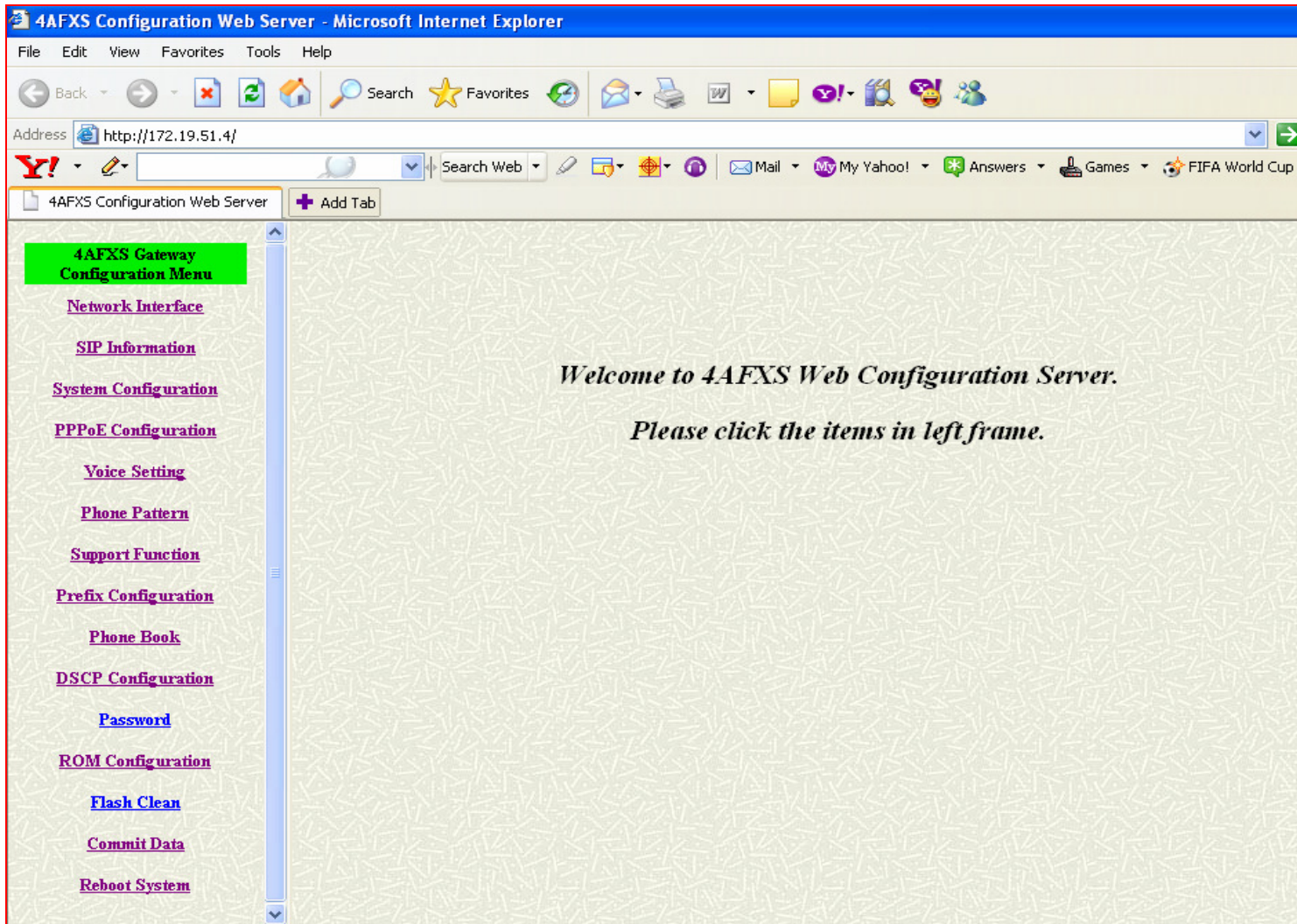
Password:

Remember my password

OK Cancel

- Isi User name dengan **root**
- Password **kosongkan**
- Kemudian klik **OK** untuk melanjutkan

Tampilan Awal Konfigurasi WellGate 3504A



Menu Network Interface

The screenshot shows a web browser window titled "4AFXS Configuration Web Server - Microsoft Internet Explorer". The address bar shows "http://172.19.51.4/". The browser's menu bar includes "File", "Edit", "View", "Favorites", "Tools", and "Help". The toolbar contains various icons for navigation and search. The main content area is titled "4AFXS Configuration Web Server" and features a left-hand navigation menu and a main configuration panel.

4AFXS Gateway Configuration Menu

- [Network Interface](#)
- [SIP Information](#)
- [System Configuration](#)
- [PPPoE Configuration](#)
- [Voice Setting](#)
- [Phone Pattern](#)
- [Support Function](#)
- [Prefix Configuration](#)
- [Phone Book](#)
- [DSCP Configuration](#)
- [Password](#)
- [ROM Configuration](#)
- [Flash Clean](#)
- [Commit Data](#)
- [Reboot System](#)

Network Interface

IP Address:	172	19	51	4
Subnet Mask:	255	255	255	224
Default routing gateway:	172	19	51	1
DHCP:	<input type="radio"/> enable <input checked="" type="radio"/> disable			
SNTP:	<input checked="" type="radio"/> enable <input type="radio"/> disable			
SNTP Server Address:	168	95	195	12
GMT:	8			
IP Sharing:	<input type="radio"/> enable <input checked="" type="radio"/> disable			
IP Sharing Server Address:	210	59	163	198
Primary DNS Server:	168	95	192	1
Secondary DNS Server:	168	95	1	1

OK

Menu SIP Information

SIP Information	
Run Mode:	<input type="radio"/> Peer-2-Peer <input checked="" type="radio"/> Proxy <input type="radio"/> Gateway
Primary Proxy IP Address:	<input type="text" value="voiprakyat.or.id"/>
Primary Proxy port:	<input type="text" value="5060"/>
Secondary Proxy IP Address:	<input type="text" value="null"/>
Secondary Proxy port:	<input type="text" value="5060"/>
Outbound Proxy:	<input type="text" value="voiprakyat.or.id"/>
Outbound Proxy port:	<input type="text" value="5060"/>
Prefix String:	<input type="text" value="null"/>
Line1 Number:	<input type="text" value="25627"/>
Line1 Account:	<input type="text" value="25627"/>
Line1 Password:	<input type="text" value="*****"/>
Line2 Number:	<input type="text" value="27125"/>
Line2 Account:	<input type="text" value="27125"/>
Line2 Password:	<input type="text" value="*****"/>

Run Mode:	<input type="radio"/> Peer-2-Peer <input checked="" type="radio"/> Proxy <input type="radio"/> Gateway
Primary Proxy IP Address:	voiprakyat.or.id
Primary Proxy port:	5060
Secondary Proxy IP Address:	null
Secondary Proxy port:	5060
Outbound Proxy:	voiprakyat.or.id
Outbound Proxy port:	5060
Prefix String:	null

Keterangan :

- **Run Mode** : Pilih **Proxy**
- **Primary Proxy IP Address** : Isikan **voiprakyat.or.id**
- **Outbound Proxy** : Isikan **voiprakyat.or.id**

Line1 Number:	25627	<input type="text"/>
Line1 Account:	25627	<input type="text"/>
Line1 Password:	••••••••	<input type="text"/>
Line2 Number:	27125	<input type="text"/>
Line2 Account:	27125	<input type="text"/>
Line2 Password:	••••••••	<input type="text"/>
Line3 Number:		<input type="text"/>
Line3 Account:		<input type="text"/>
Line3 Password:		<input type="text"/>
Line4 Number:		<input type="text"/>
Line4 Account:		<input type="text"/>
Line4 Password:		<input type="text"/>

Keterangan :

- **Line Number** isikan dengan nomor VoIP misal 26527
- **Line Account** isikan sama dengan Line Number
- **Line Password** isikan Password anda

(Contoh menggunakan 2 no VoIP dan 2 VoIP Phone)

SIP port:	<input type="text" value="5060"/>
RTP Port:	<input type="text" value="8000"/>
Expire:	<input type="text" value="60"/>
<input type="button" value="OK"/>	

Keterangan :

- RTP Isikan **8000**
- Klik OK untuk menyelesaikan konfigurasi **SIP Account**

Menu System Konfiguration

4AFXS Gateway Configuration Menu		System Configuration	
Network Interface		Keypad DTMF Type:	<input type="radio"/> In-Band <input checked="" type="radio"/> RFC2833 <input type="radio"/> INFO
SIP Information		RFC2833 Payload Type:	<input type="text" value="96"/>
System Configuration		FAX Payload Type:	<input type="text" value="101"/>
PPPoE Configuration		Inter Digit Time:	<input type="text" value="3"/>
Voice Setting		CallerID Type:	<input checked="" type="radio"/> disable <input type="radio"/> FSK(BELL CORE) <input type="radio"/> DTMF
Phone Pattern		Busy Forward:	<input type="radio"/> ON <input checked="" type="radio"/> OFF
Support Function		End of Dial Digit:	<input type="radio"/> NONE <input type="radio"/> * <input checked="" type="radio"/> #
Prefix Configuration		<input type="button" value="OK"/>	
Phone Book			
DSCP Configuration			
Password			
ROM Configuration			
Flash Clean			
Commit Data			
Reboot System			

System Configuration	
Keypad DTMF Type:	<input type="radio"/> In-Band <input checked="" type="radio"/> RFC2833 <input type="radio"/> INFO
RFC2833 Payload Type:	<input type="text" value="96"/>
FAX Payload Type:	<input type="text" value="101"/>
Inter Digit Time:	<input type="text" value="3"/>
CallerID Type:	<input checked="" type="radio"/> disable <input type="radio"/> FSK(BELL CORE) <input type="radio"/> DTMF
Busy Forward:	<input type="radio"/> ON <input checked="" type="radio"/> OFF
End of Dial Digit:	<input type="radio"/> NONE <input type="radio"/> * <input checked="" type="radio"/> #
<input type="button" value="OK"/>	

Keterangan :

- Keypad DTMF Type Pilih **RCF2833**
- RCF2833 Payload Type isikan **96**
- FAX Payload Type isikan **101**
- Klik **OK** Untuk menyelesaikan **System Configuration**

Menu Voice Setting

Voice Setting					
Codec Priority	1st G.729a	2nd G.723.1	3rd G.711mu-Law	4th G.711A-Law	5th G.729
Frame Size	G.723.1 60ms	G.729a 40ms	G.729 40ms	G.711mu 40ms	G.711A 40ms
G.723 Silence Suppression:	<input type="radio"/> enable <input checked="" type="radio"/> disable				
Volume:	voice 28	input 28	DTMF 23		
Echo Cancelor:	<input checked="" type="radio"/> enable <input type="radio"/> disable				
Jitter Buffer:	Min. Delay 90		Max. Delay 150		
OK					

Codec Priority	1st	2nd	3rd	4th	5th
	G.729a	G.723.1	G.711mu-Law	G.711A-Law	G.729

Isi Codec Priority dengan :

- 1st = G.729a
- 2nd = G.723.1
- 3rd = G.711mu-Law
- 4th = G.711A-Law
- 5th = G.729

- Klik **OK** Untuk menyelesaikan Konfigurasi **Voice Setting**

OK

Menu Reboot



- Klik **REBOOT** untuk menyelesaikan seluruh hasil Konfigurasi

TERIMA KASIH DAN SELAMAT MENCOBA

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