

## Installasi dan Konfigurasi Asterisk GUI

### Aktifkan Interface Web

Edit /etc/asterisk/http.conf

```
# nano /etc/asterisk/http.conf
```

Pastikan

```
enabled=yes  
enablestatic=yes  
bindaddr=0.0.0.0  
bindport = 8088  
; bindaddr=127.0.0.1
```

Akses ke Web Lihat Status HTTP Server Asterisk

```
http://127.0.0.1:8088/asterisk/httpstatus
```

### Instalasi Asterisk GUI

Siapkan Ubuntu untuk meng-compile

```
# apt-get install kernel-package libncurses5-dev fakeroot wget bzip2 g++  
libssl-dev
```

Download asterisk-gui dari SVN

```
# apt-get install subversion  
# cd /usr/local/src/  
# svn checkout http://svn.digium.com/svn/asterisk-gui/trunk asterisk-gui
```

Semua file dari svn server digium di letakan di asterisk-gui

```
# cd /usr/local/src/asterisk-gui  
# ./configure  
# make
```

```
# make install  
# make checkconfig
```

Edit /etc/asterisk/manager.conf, melalui

```
nano /etc/asterisk/manager.conf
```

pastikan,

```
enabled = yes  
webenabled = yes
```

Ulangi checkconfig jika di perlukan

```
# make checkconfig
```

Copykan ke folder static-http

```
# cp -Rf /usr/local/src/asterisk-gui/* /usr/share/asterisk/static-http/  
# chown -Rf www-data.www-data /usr/share/asterisk/static-http/
```

## Konfigurasi Manager.conf

Edit /etc/asterisk/manager.conf, melalui

```
# nano /etc/asterisk/manager.conf
```

Isi, kira-kira sebagai berikut,

```
[admin]  
secret = mysecret9632  
read = system,call,log,verbose,command,agent,config  
write = system,call,log,verbose,command,agent,config
```

## Mengaktifkan Video Call

Edit /etc/asterisk/sip.conf, melalui

```
# /etc/asterisk/sip.conf
```

## Mengaktifkan Video Call

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```
;videosupport=yes
```

Rubah menjadi

```
Videosupport=yes
```

## Akses Asterisk GUI

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Sebelum melakukan akses ke Asterisk GUI ada baiknya mengakses ke

```
http://IP Address:5038/asterisk/static/config/setup/install.html
```

Asterisk GUI harusnya dapat di akses di

```
http://IP Address:8088/asterisk/static/config/cfgbasic.html
```

# Penggunaan Asterisk GUI (Digium)

Setting options supaya kita bisa membuat nomor acak

The screenshot displays two pages of the Digium Asterisk GUI:

**General Preferences:** This page shows various system settings. A red circle highlights the "Apply Changes" button at the top right. On the left sidebar, the "Options" link is also circled in red.

Global OutBound CID	:	[Input Field]
Global OutBound CID Name	:	[Input Field]
Operator Extension	:	<none>
Ring Timeout	:	20
Enable Idle Image Display	:	[checkbox]
VoIP Phone Digit Map	:	[Input Field]
VoIP Phone Digit Timeout	:	[Input Field]

**Extension preferences:** A table showing extension ranges:

User Extensions	:	6000 to 6299
Conference Extensions	:	6300 to 6399
VoiceMenu Extensions	:	7000 to 7100
RingGroup Extensions	:	6400 to 6499
Queue Extensions	:	6500 to 6599
VoiceMail Group Extensions	:	6600 to 6699

**DialPlans:** This page shows the configuration for a new dial plan named "DialPlan1". A red circle highlights the "Save" button at the bottom right. The "Default" tab is selected.

A message indicates: "You do not have any calling Rules defined! click here to manage calling rules."

**Local Options:** A list of checkboxes for local options, all of which are checked:

- default
- parkedcalls
- conferences
- ringgroups
- voicemenus
- queues
- voicemailgroups
- directory
- pagegroups
- page\_an\_extension

## Membuat User pada asterisk GUI (Digium)

The screenshot shows the 'User Extensions on PBX' section of the Digium Asterisk GUI. The left sidebar contains navigation links for System Status, Trunks, Outgoing Calling Rules, Dial Plans, and Users. A note about 'Users' is present. The main area has tabs for 'Create New User', 'Modify Selected Users', and 'Delete Selected Users'. A table titled 'List of User Extensions' shows the following data:

Extension	Full Name	Port	SIP	IAX	DialPlan	OutBound CID	Edit	Delete
1000	1000	--	Yes	--	DialPlan1	1000	<a href="#">Edit</a>	<a href="#">Delete</a>
1001	1001	--	Yes	--	DialPlan1	1001	<a href="#">Edit</a>	<a href="#">Delete</a>

Tambahkan nomor telepon dan codec supaya bisa mengeluarkan audio dan video

The screenshot shows the 'Create New User' dialog box. The left sidebar is identical to the previous screenshot. The dialog box has sections for General, Technology, VoIP Settings, and Other Options. Fields highlighted with red circles include:

- General: Extension (1003), CallerID Name (1003), DialPlan (DialPlan1)
- Technology: SIP (checked), IAX (unchecked), Codec Preference (First: u-law, Second: H.264)
- VoIP Settings: MAC Address (1003), SIP/IAX Password (1003), Line Number (1), LineKeys (1)
- Other Options: Update button

On the right side of the dialog, there is a 'Where to Buy' section and a table for 'OutBound CID'.

Klik Apply Changes setiap melakukan perubahan

The screenshot shows the 'User Extensions on PBX' section of the Digium PBX configuration interface. The main area displays a table titled 'List of User Extensions' with the following data:

	Extension	Full Name	Port	SIP	IAX	DialPlan	OutBound CID	Action
<input type="checkbox"/>	1000	1000	--	Yes	--	DialPlan1	1000	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
<input type="checkbox"/>	1001	1001	--	Yes	--	DialPlan1	1001	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
<input type="checkbox"/>	1003	1003	--	Yes	--	DialPlan1	1003	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

At the top right of the interface, there is a red circle around the 'Apply Changes' button. The left sidebar contains a navigation menu with various system components listed.