## DAFTAR RIWAYAT HIDUP

## DATA PRIBADI



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# **RIWAYAT PENDIDIKAN**

1994 - 2000	Sekolah Dasar Negeri (SDN) Rumpak Sinang
2000 - 2003	Madrasah Tsanawiyah (MTs) Al-Huda Rumpak Sinang
2003 - 2006	Sekolah Menengah Atas (SMA) Budi Mulia Ciledug
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#### LAMPIRAN I

### Instalasi dan Konfigurasi DD-WRT pada Linksys WRT54GL

#### A. Spesifikasi Kebutuhan

- 1) Linksys WRT54GL v.1.1
- 2) Laptop/PC
- 3) Sistem Operasi Microsoft Windows Xp, Vista, 7
- 4) Kabel UTP
- 5) Firmware DD-WRT versi 24 mini
- 6) Firmware DD-WRT versi 24 standar

#### B. Instalasi Linksys WRT54GL

- Download firmware DD-WRT tipe mini dan tipe standar dari situs www.dd-wrt.com
- 2) Hidupkan perangkat Linksys ERT54GL dan Laptop/PC anda
- Pasang kabel UTP ke salah satu dari 4 Port LAN yang terdapat pada Linksys WRT54GL
- Set IP Address Laptop/PC anda menggunakan modus DHCP. Hal ini dimaksudkan agar komputer anda mendapatkan IP Address dari Wireless Linksys secara otomatis
- 5) Lakukan hardware reset terhadap perangkat Linksys WRT54GL anda dengan cara menekan tombol reset yang ada pada bagian belakang perangkat Linksys WRT54GL untuk beberapa saat, kirakira 5 detik
- Buka web browser, dan ketikkan alamat <u>http://192.168.1.1</u> pada address bar web browser anda
- Pada form login, kosongkan kolom User Name, kemudian masukkan "admin" (tanpa tanda kutip) pada kolom Password dan tekan Enter

#### C. Instalasi Firmware DD-WRT

- Pada halaman web browser, pilih menu Administration lalu pilih menu Firmware Upgrade
- 2) Pada halaman Firmware Upgrade, klik tombol browse, lalu pilih firmware DD-WRT tipe mini yang telah di download sebelumnya, dalam hal ini penulis menggunakan file DD-WRT dengan versi ddwrt.v24\_mini\_generic.bin. Lalu klik tombol Upgrade
- 3) Tunggu proses Upgrade hingga selesai, dan ingat JANGAN MENGINTERUPSI/MENGHENTIKAN PROSES UPGRADE, karena akan berakibat fatal (rusak) terhadap perangkat Linksys WRT54GL anda
- Setelah proses Upgrade pertama selsai, lakukan hardware reset seperti langkah 5
- 5) Arahkan kembali browser anda ke alamat <u>http://192.168.1.1</u>
- 6) Pilih menu Administration, maka akan muncul form Login. Pada kolom User Name masukkan "root" (tanpa tanda kutip) dan pada kolom Password masukkan "admin" (tanpa tanda kutip), kemudian tekan tombol OK
- 7) Pada menu Administration, pilih menu Firmware Upgrade, lalu klik tombol Browse, lalu pilih firmware DD-WRT tipe standar yang telah anda download sebelumnya, dalam hal ini penulis menggunakan file DD-WRT versi dd-wrt.v24\_std\_generic.bin. Lalu klik tombol Upgrade
- 8) Tunggu proses Upgrade hingga selesai, dan ingat JANGAN MENGINTERUPSI/MENGHENTIKAN PROSES UPGRADE, karena akan berakibat fatal (rusak) terhadap perangkat Linksys WRT54GL anda
- Setelah proses Upgrade pertama selsai, lakukan hardware reset seperti langkah 5

- 10) Arahkan kembali browser anda ke alamat http://192.168.1.1
- 11) Selamat, anda telah berhasil melakukan instalasi firmware DD-WRT



Gambar Lampiran II: Layout instalasi DD-WRT

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Gambar Lampiran III: Layout instalasi DD-WRT

Authentication	Required Z
?	A username and password are being requested by http://192.168.1.1. The site says: "WRT54GL"
User Name:	root
Password:	•••••
	OK Cancel

# Gambar Lampiran IV: Layout instalasi DD-WRT

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Gambar Lampiran V: Layout instalasi DD-WRT



## LAMPIRAN II

# Konfigurasi WDS pada Linksys WRT54GL yang Telah Menggunakan Firmware DD-WRT

## Konfigurasi WDS

- 1) Buka web browser dan ketikkan alamat <u>http://192.168.1.1</u>
- 2) Pada halaman Setup, pilih menu Basic Setup. Ikuti Gambar di bawah ini

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WAR Setup					Help mare
WAN Connection Type					Automatic Configuration - DHCP
Connection Type	Deabled				This setting is most commonly used by Cable operators.
STP	P Enable C Daable				
					Host Name:
Optional Settings					Enter the host name provided by you 19.
Router Name	00-WRT				24 martine
Host Name					Enter the domain name provided by
Parman Name					your ISP.
Contrast - restore	A COLUMN TO A COLUMN				Local III Addresses
MIU	Auto • [10]1300				This is the address of the router.
Network Setup					Saboet Hask
Router IP					This is the subnet mask of the router.
Local P Address	192, 161, 50,	20			DECE Server
fo boost March	165 165 165				Allows the router to manage your IP
ALC: NO PROPERTY OF A	200. 200. 200.				activenses.
Gateway	292. 168. 10.	-			Start IP Address:
LacalONS	192. 168. 50.	2			The address you would like to start with.
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Assign WAN Port to Switch	123				You may Init the number of addresses your mater bands out.
Network Address Server Setti	ngs (DHCP)				means only predefined static lease be handed out.
DHCP Type	DHCP Server +				Time Settinger
Shart ID Address	192.165.50. 100				Summer Time (DST) period. The
Maximum DHCP Users	50				
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Gambar Lampiran VII: Layout instalasi WDS

Untuk Router IP itu disesuaikan dengan keinginan anda, setelah selesai tekan tombol Save

 Kemudian pilih halaman Wireless, pilih menu Basic Settings. Lakukan konfigurasi seperti berikut:

Wireless Mode	= AP
Wireless Network Mode	= Mixed
Wireless Netwok Name (SSID)	= (isikan sesuai keinginan anda)
Wireless Channel	= (pilih sesuai keinginan anda)
Wireless SSID Broadcast	= Enable
Sensitivity Range	= (isikan sesuai keinginan anda)
Network Configuration	= Bridged
Klik Tombol SAVE	

 Pada halaman Wireless, pilih menu Wireless Security. Lakukan konfigurasi seperti berikut:

Security Mode	= WPA Personal
WPA Algorithms	= TKIP+AES
WPA Shared Key	= (isikan sesuai yang anda inginkan)
Key Renewal Interval	= (isikan sesuai yang anda inginkan)
Klik Tombol SAVE	

5) Kemudian pada halaman Wireless, pilih menu WDS, ikuti konfigurasi seperti gambar di bawah :

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Gambar Lampiran VIII: Layout instalasi WDS

Pilih tipe LAN kemudian masukkan Wireless MAC Access Point tujuan.

Klik Tombol SAVE.

- 6) Klik Tomol APPLY SETTINGS
- 7) Untuk Konfigurasi di Access point lainnya, lakukan Sama seperti konfigurasi di atas, kecuali untuk Route IP bisa diisikan berbeda.
- 8) Selamat, anda telah berhasil melakukan konfigurasi WDS.