## LAMPIRAN

### 1) Konfigurasi access point bullet 2

Form Login Pada access point bullet 2



Tampilan Utama pada access point bullet 2

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ools Help					
s://192.168.3.2/index.cgi					👷 - 🛃
test Headlines					
Nda × 🕜 cara setting	s R = 🕔 CARA	MENGG »	- AirOS 5.3 - Ubi >	JARINGAN	WIF »
BULLET?					air OS <sup>~</sup>
MAIN WIRELESS	NETWORK ADV	ANCED SERVIC	ES SYSTEM	Tools:	Toquit
Base Station SSID:	Rimbaputranegara				
AirMax Quality:	95		AirMax Capacity:	56	
Linequency:	2412 MDz		Channel:	1	
Antenna:	Main		Noise Floor:	-se ditim	
Security:	WEP		ACK Timeout:	20	
Uptime:	00:14:25		Dates	2011-12-19 21:	19:18
LAN Cable:	ON		Host Name:	UENT	
LAN MAC:	00:27:22:8F:0F:20		LAN IP Address:	192.168.3.2	
WEAN MAC:	00:27:22:81:01:20		WEAN LP Address:	192.158.0.2	
Extra Info:		-			
					Retresh
LAN STATISTICS					
		Bytes	Packets		Errors
Received:		1685990	2428		0
Transmitted:		398700	2218		0
WEAN STATISTICS					

# Tampilan konfiguarsi wireless

Collected by CARA MENSOL, * Alicos 5.3 - Ubil, * Al	firefox	And the Party of t	and that articles	Comparison ( Made)	Successive and
W/122.186.3.2/link.col       Image: Color State St	ools ∐elp				
thet Headlines Ndd	z//192.168.3.2/link.ogi				😒 🔹 🐇
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BASILLET?       DOI: 000000000000000000000000000000000000	Nda × 🖸 cara settings R ×	🕲 CARA MENGG 🜸 🖂 Ai	rOS 5.3 - Ubi ×	■ JARINGAN WIF ×	TP-LINE
Control     Control       Main     Whethers       BASIC     Windows       Main     Windows       Main     Windows       BASIC     Windows       Windows     Main       Country     Country       Country     Main       Country     Main       Country     Country       Channel     Main       Channel     Distribution       Channel     Cable       Channel     Distribution       Wind Hawawee     Distribution       Data Rate, Mbps:     Distribution       Socurity:     WEP				0	<u>~</u>
MAIN     WHETERS     NETWORK     ADVANCED     SFRUCES     SYSTEM     IOCIC:     INTRUME       BASIC WIRELESS SETTINCS     Windows Handled Antense Fund     Intense     Intense     Intense       Windows Handled Antense Fund     Intense     Intense     Intense     Intense       NUB:     Fundamentation     Intense     Intense     Intense       ILLL UD2.3.3 Mode:     L/C mined Imilian     Intense     Intense       Financel Spectrum Winten-11     Date Starts:     24Haps       Channel Shifting ID Intended Imilian     Intense     Intense       Channel Shifting ID Intended Imilian     Cable Loss: 0     08       Output Provers:     Imilian     Viol utiling     Intense       Data Rite, Mbps:     24 Imilian     Imilian     Imilian       WHETTINS NI CHILLY     Security:     WEP     Imilian	BULLET				03
BASIC WIRELESS SETTINGS     Windless Multicliff Annexe Finition     NNDS (Instructure Total Statements)     Country Code: Statements     Itale SSTP     Country Code: Statements     Code Loss: 0 CB     Code Loss     Code Loss: 0 CB     Code Loss:	MAIN WIRELESS NETW	OBK ADVANCED SERVICES	SYSTEM	iocis: 📼	Logent
Wirelaws Hadridd     An 2006 Field       NUB:     Instructure damage and an analysis     Hale SSTD       Country Code:     INSTRUCT     Instructure damage and an analysis       ILLL ULJ.31 Medie:     [// an analysis]     Max Destructure damage and an analysis       Channel Application     Instructure damage and an analysis     Instructure damage and an analysis       Channel Application     Instructure damage and an analysis     Instructure damage and an analysis       Channel:     1     2412 MHz     Instructure damage and an analysis       Channel:     1     2412 MHz     Instructure damage and an analysis       Channel:     1     2412 MHz     Instructure damage and an analysis       Channel:     1     2412 MHz     Instructure damage and an analysis       Channel:     1     2412 MHz     Instructure damage and an analysis       Channel:     1     2412 MHz     Instructure damage and an analysis       Channel:     1     2412 MHz     Instructure damage and an analysis       Channel:     1     2412 MHz     Instructure damage and an analysis       Channel:     1     2412 MHz     Instructure damage and an analysis       Channel:     1     2412 MHz     Instructure damage and an an analysis       Channel:     1     2412 MHz     Instructure damage and an an an an an an a	BASIC WIRELESS SETTINGS	5			
NNIDE faultagent auropera  Country Code: NNIDE faultagent auropera  LLL UU_JJ Mede: NNIDE faultagent auropera  LLL UU_JJ Mede: NNIDE faultagent auropera  LLL UU_JJ Mede  LD/ mined Me  Channel NNIDE JD// mined Me  Channel 1 2412 MHz  Mine JD// mined Me  Channel NNIDE JD// mined Me  Channel	Wireless Made:	Access Point			
Country Code: [NORMOTA	NNID:	Binbaputranegara	Ilide SSTD		
ILLE UD.3.13 Mode:   //o mixed ==   Phanned Spectrum Winde:	Country Code:	INDONESIA	-	change	
Channel Spectrum Witten 111 2014bg m   Mox Catarota: 54Mops Channel Ahfining & Discilled m Channel 1 2412 MHz m Antenna Calin: 0 dBi Cable Loss: 0 dB Ontjust Power: 0 dBi Qhito Detreptetory broker Data Rafe, Mpps: 24 m   V Anto Witter LINN Ni CHRITY Socurity: WEP m	ILLL 003.11 Mode:	0/C mixed 📼			
Channel Shifting Cd   Unixed led   x   Channel: 1 2412 MHz   x   Antenna Cahi: 2 - dB   Cable Less: 0 - dB Output Prover:   20 attra   Anten 109 regulatory finiter Data Rate, Mbps:   24 Init    y  Anto While I I N Ni Chally Socurity:   WEP   x	Channel Spectrum Width-121	20MHz Max Datarate: 54M	lbps		
Channelt: 1 2412 MHZ IN Cable Loss: 0 68 Output Prover: Via Mile Cable Loss: 0 68 Output Prover: Via Mile Via Mile Via Mile Via Mile Mile Mile Via Mile Mile Via Mile Mile Via Mile Mile Via M	Channel Shifting:	Disabled 💌			
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Output Provers [20] [20] differ [2014] DP regulatory builter Data Rate, Mbps: [34 init] [2] Auto WH8 11 NN N1 CHRITY Socurity: [WEP [an]]	Antenna Gain:	O dBi	Cable Loss: 0	dB	
Data Rate, Mbps:   54 im    // Anto WHRITTINN NI CHRITY Security:   WEP     m	Output Power:		20 dlim	Auto LIRP regulatory	land er
Security:	Data Rate, Mbps:	54 💌 🕅 Auto			
Security:   WEP	WIRELLSS SECURITY				
	Security:	WEP -			
Authentication Type: 🛞 Open 💮 Shared Key	Authentication Type:	Open Shared Key			
WEP Key Length: 64 bit V Key Type: HEX V	WEP Key Length:	G4 bit 📼	Key Type:	HEX 💌	
WEP Key: 5(5)14(555) Key Tudes:	WEP Key:	601405501	Key Index:	1	
WPA Presbared Koy: minhapubra0987551321	WPA Preshared Key:	nmb-oputro0987654321			

Tampilan IP jaringan untuk access point bullet 2

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ools Help			
c//192.168.£2/network.cgi			ŵ - 🎽
test Headlines			
Nda 🛛 🖸 cara settings R 🛛 🔞 CARA	MENGG 😤 🛤 Ai	rOS 5.3 - Ubi 🛛 🖸 J/	ARINGAN WIF 🛛 🗋 TP-LINI
MAIN WIRELESS NETWORK AD	VANCED SERVICES	SYSTEM	
Network Mode:	Bridge	-	
Disable Network:	None	-	
NETWORK SETTINGS Bridge TP Address:	O DHCP 🔞 Static		
IP Address:	192,168.3.2	Auto UP Alias	ing: 🔽
Netmask:	255,255,255.0	TP Allases:	Configure
Gateway IP:	192,166.3.1		
Primary DNS IP:	8.8.8.8		
Secondary DNS IP:			
DECP Fallback (P:	192,168,1,20		
Spanning Tree Protocol:			
EINEWALL SELLINGS Enable Firewall:	Configure		
	Change		

Tampilan konfigurasi tambahab pada acess point bullet 2

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pols Help				
c//192.168.3.2/advanced.cgi				☆ - 🛃
test Headlines				
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				<i>ai</i> r0S <sup>-</sup>
MAIN WIRELESS NETWORK ADV	ANCED SERVICE	S SYSTEM	Tools:	• Locion1
ADVANCED WIRELESS SETTINGS				
Rate Algorithm:	LWMA =			
Noise Immunity:	<ul> <li>Lnabled</li> </ul>			
RTS Threshold:	2346 🔽 Off			
Fragmentation Threshold:	2346 🗸 Oli			
Distances	111	2.5	miles (4 km)	
ACK Timeout:	48 🔽 Aut	o Adjust		
Multicast Data:	Alow All			
Multicast Rate, Mbps:	1 =			
Extra Reporting:	Enabled			
Installer EIRP Calculation:	<ul> <li>Enabled</li> </ul>			
Enable Client Tsolation:				
SIGNAL LED THRESHOLDS				
Thresholds, dBm:	14 180 180 180 180 180 180 180 180 180 180	LED3 LED4		

Hasil tes koneksi access point

🚾 Ci\windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7600] Copyright (c) 2009 Microsoft Corporation. All rights reserved.
C:\Users\rimba>ping 192.168.3.2
Pinging 192.168.3.2 with 32 bytes of data: Reply from 192.168.3.2: bytes=32 time=3ms TTL=63 Reply from 192.168.3.2: bytes=32 time=3ms TTL=63 Reply from 192.168.3.2: bytes=32 time=3ms TTL=63 Reply from 192.168.3.2: bytes=32 time=3ms TTL=63
Ping statistics for 192.168.3.2: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss). Approximate round trip times in milli-seconds: Minimum = 3ms, Maximum = 3ms, Average = 3ms
C:\Users\ri∎ba>
C:\Users\rimb≥>

Hasil Tes koneksi jaringan dimana access point sudah bisa tersambung ke jaringan intenet

```
C:\Users\rimba>
C:\Users\rimba>
C:\Users\rimba>
C:\Users\rimba>
Dinging google.com
Pinging google.com
Pinging google.com
Pinging google.com
Pinging google.com
Pinging google.com
Pinging rom 74.125.236.80; bytesr32 timerBAms TTL:53
Reply from 74.125.236.80; bytesr32 timerBAms TTL:53
Reply from 74.125.236.80; bytesr32 timerBAms TTL:53
Ping statistics for 74.125.236.80; bytesr32 timerBAms TTL:53
C:\Users\rimba>
C:\Users\rimba>
```

2) Konfigurasi Client dengan TP-Link WA5210G sebagai receiver

#### Tampilan Form Login Client dengan TP-Link WA5210G



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Ike tena	ate	
Tots.cord	earas	
	:- Cence	

Tampilan utama pada Client dengan TP-Link WA5210G



## Tampilan jaringan LAN

TP-UN	ĸ		2.4GHz High Pawer Wireless Outdoor CPE Model No. TL-WA6210G
30ks - Brak briags	LAR Fråtren Sarret liker Grange UK fråtser	112-563 2022/632 119-543 24-541502/44 34-541502/44	Network Fing           In or enrys is K Pyzankov diseased in a selection state in a selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of others.           • Same Selection of the selection of the selection of the neuron constraints of the selection of the selection of others.           • Machine Selection of the selection of the selection of the selection of the selection of the selection of the selection.           • Note:           • Device Selection of the selection of the selection of the selection.           • Note:           • Device Selection of the selection of the selection of the selection.           • Device Selection of the selection of the selection of the selection.           • Device Selection of the selection of the
1401P			

Tampilan Wireless security, diaman untuk security disini menggunakan wep

Sile         Vireless Security Sellings Hep           Execurity Core size (grant low (grant low)(grant low (grant low))))	TP-UNK	C			2.4GH	z High Power Wireless Outdoor CPE Nadel No. TL-WA52100
Standard      Second and a second and and a second and a second and a second and a second a	Cale:	Wreitess Security Disaste Security WrP Tyse: ACP Reformer: Reg Scholer Reg Color Reg Color	UpenSystem = Headdarst = MPP Key 9234D0601 	Kralger Held • Kranter • Kranter • Xranter • Xranter •		Whereas Security Sellings Hep     Transistory of the Mark Sellings Hep     Security Secure Security Security Security Secure Security Securety Securety Se

Tampilan wireless static dimana menggambarkan bahwa AP dengan receiver client sudah terkoneksi.



Tampilan throughput Monitor



### Tampilan System Log



## 3) Lampiran konfigurasi Mikrotik

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Inaila.4 Unage FFF Skinho Mash IP Min.6 Fourg System Locuer Fieldus Nake Inc Fedus Nake Make Make Lat	» ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲	Note used     Image: Second state       Vote     ////////////////////////////////////	

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	Institutes						
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🔍 admin@192.	68.3.1 (MikroTik) - WinBox v5.	4 on RD750 (mipsbe)		х
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Incaldues Bridgo FFP Svitual Moen P MPLS Foung System Clue ire Fries Log Forlue Tools New Finna MausPini TFF Make Lupout Marual Fxt	DNS       Static       Uathe       T       Fush Zothe       Name       S       4105 1236 in adduarda       S	✓ Type Dela MF coecy a PTF coecy A 98122 UEV2 A 1653011	■     ■       Fact     ■       2/19.39     2/19.39       2/19.39     2/19.39       2/19.30     2/19.39	

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4) Lampiran foto access point dan foto client





