

LAPORAN PRAKTIKUM WIRELESS COMMUNICATION

PRAKTIKUM 2 ROUTER TP-LINK CONFIGURATON



Disusun Oleh :

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**PSDKU D-III TEKNIK INFORMATIKA
SEKOLAH VOKASI
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HASIL DAN PEMBAHASAN PRAKTIKUM

A. ALAT DAN BAHAN:

1. Laptop
2. Tp Link
3. Conector Lan
4. Kabel UTP

B. HASIL DAN PEMBAHASAN

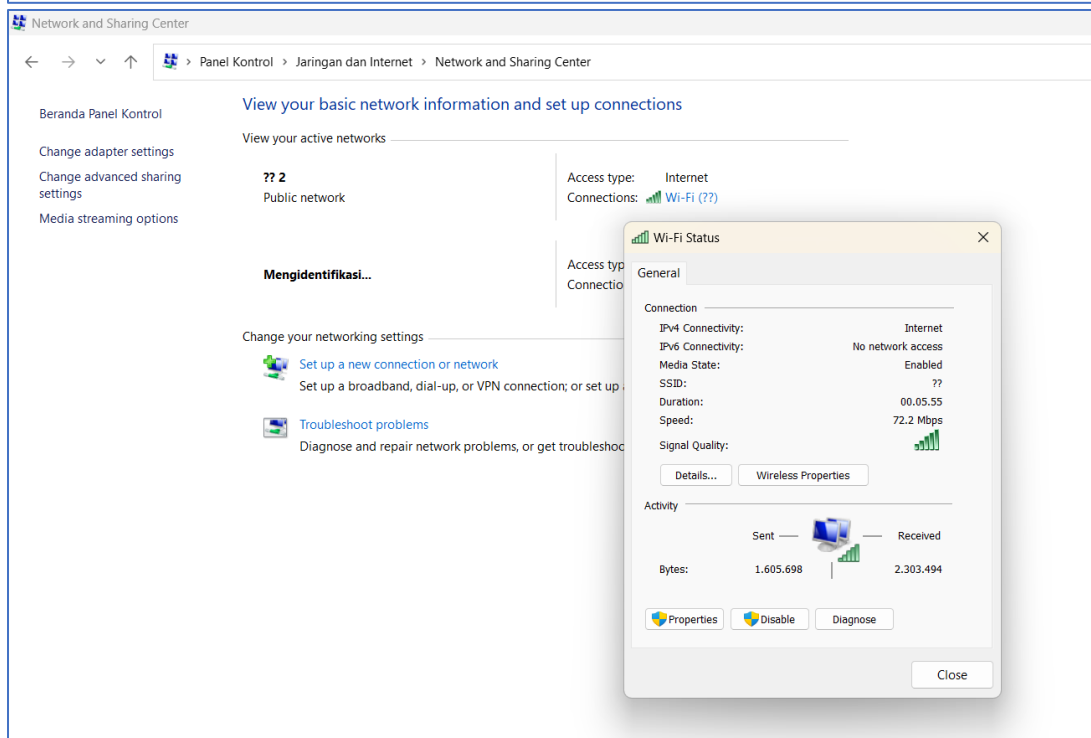
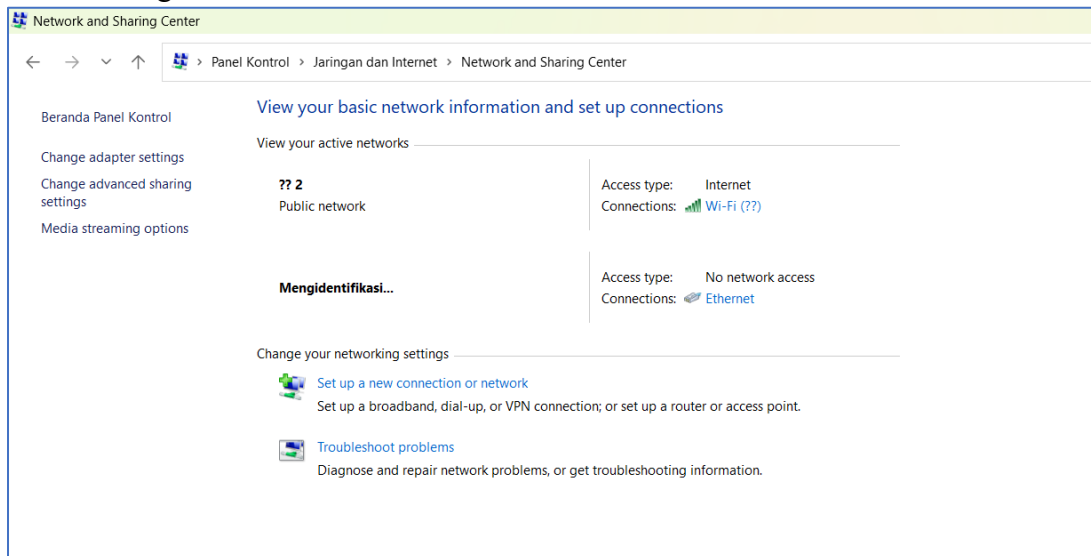
1. Hidupkan Router dengan memasang Kabel lan ke router dan laptop



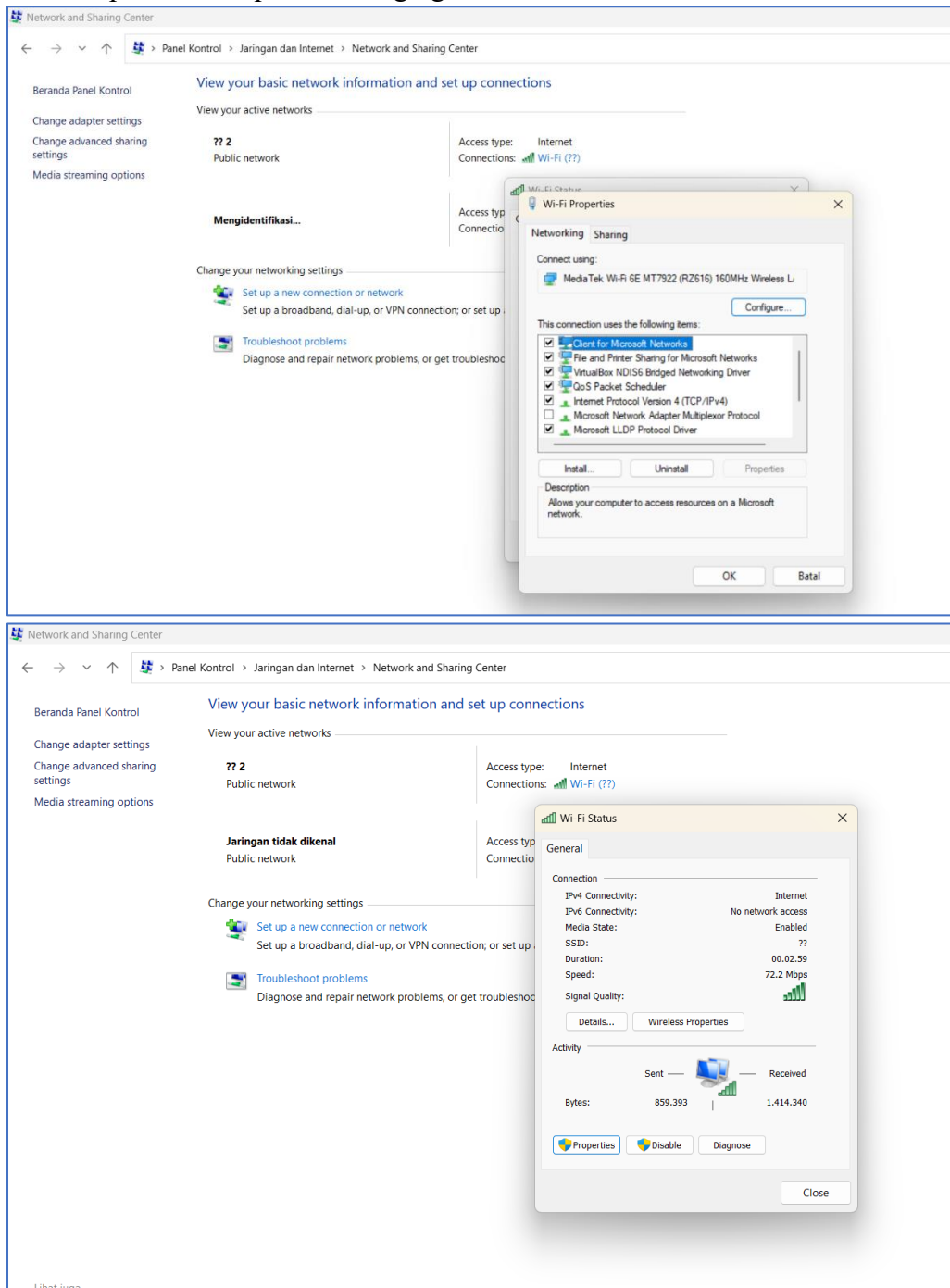
2. Restart router dengan menekan tombol hitam sampai lampu berwarna hijau



3. Buka Control Panel pada laptop yang telah tersambung pada router
4. lalu pilih Network and Internet
5. Pilih Sharing Center, Pilih Wifi

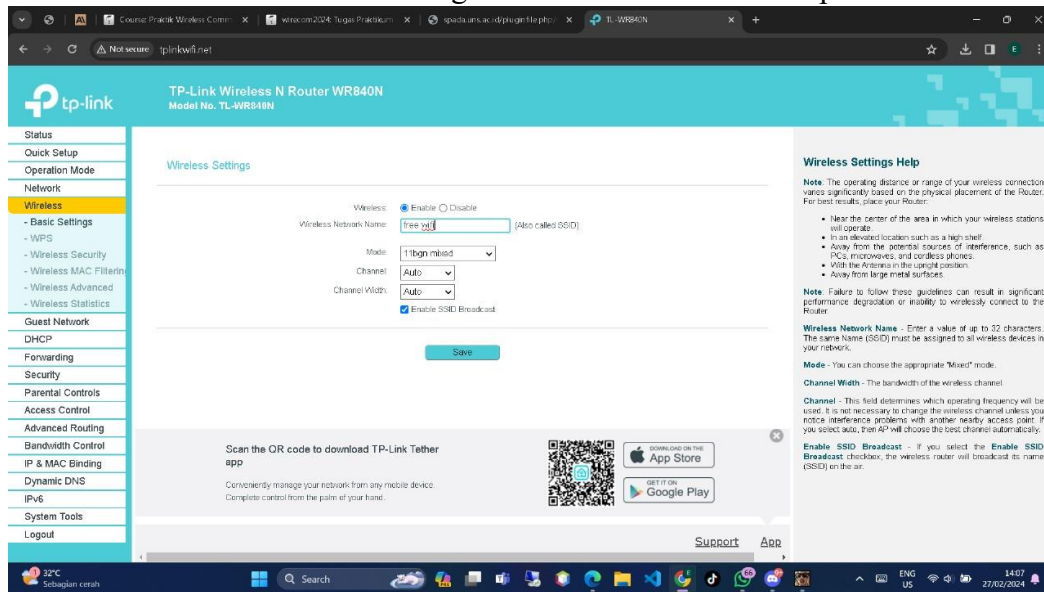


6. Pilih Properties, lalu pilih Sharing , ganti ke Ethernet lalu izinkan semua



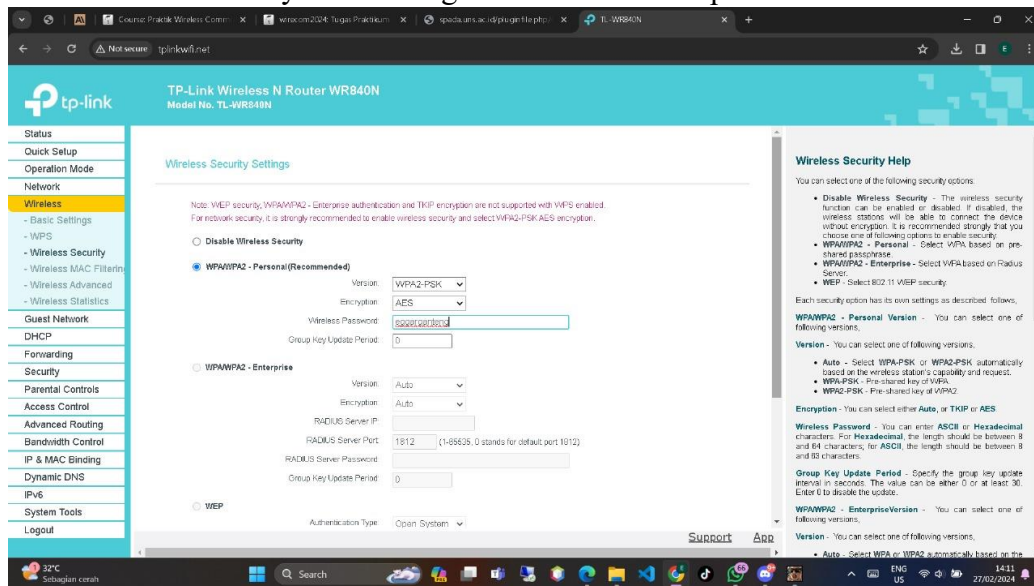
7. Sambungkan Laptop lain ke Wifi TP Link
8. Masuk ke alamat <http://192.168.0.1/> atau <http://tplinkwifi.net>
9. Masukkan Password yang tertera di router, lalu akan masuk ke halaman TPLINK

10. Pilih Wireless lalu klik basic setting untuk memberi nama baru pada wifi lalu save



11. Refresh wifipun dapat digunakan Kembali

12. Pilih Wireless Security untuk mengatur Password baru pada wifi lalu save



13. Sambungan akan terputus karena telah ganti password baru, lalu sambungkan lagi

14. Pilih Wireless Statistic untuk melihat berapa device yang tersambung ke wifi

The screenshot shows the TP-Link Wireless N Router WR840N web interface. The left sidebar contains a menu with options: Status, Quick Setup, Operation Mode, Network, Wireless (selected), Guest Network, DHCP, Forwarding, Security, Parental Controls, Access Control, Advanced Routing, Bandwidth Control, and IP & MAC Binding. The main content area is titled "Wireless Statistics" and displays "Wireless Stations Currently Connected: 2". Below this is a table with the following data:

ID	MAC Address	Current Status	Received Packets	Sent Packets	SSID
1	00:45:E2:FE:13:11	Associated	404	411	free wifi
2	12:42:17:C7:4B:37	Associated	171	30	Kelompok 3

To the right of the table is a "Refresh" button. Further right is a "Wireless Statistics Help" section with a description of the page and a list of fields: MAC Address, Current Status, Received Packets, Sent Packets, and SSID. A note at the bottom states: "Note: This page will be refreshed automatically every 5 seconds." At the bottom right of the interface are links for "Support" and "App".

15. Klik Wireless MAC untuk mengatur perizinan mengizinkan atau memblokir akses koneksi wifi yang tersambung

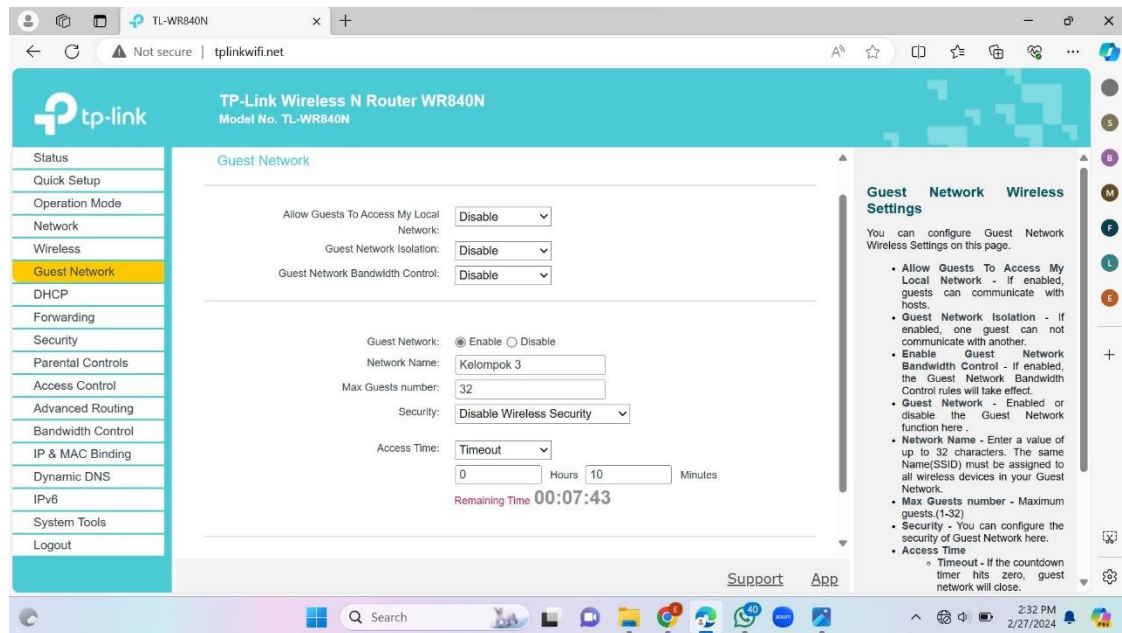
The screenshot shows the TP-Link Wireless N Router WR840N web interface, specifically the "Add or Modify Wireless MAC Address Filtering entry" page. The left sidebar is the same as in the previous screenshot, with "Wireless" selected. The main content area has a heading "Add or Modify Wireless MAC Address Filtering entry" and a sub-heading "You can configure Wireless MAC Filtering which allows you to control wireless access on the network on this page." Below this is a form with the following fields:

- MAC Address: 02:0F:25:E2:FA:27
- Description: AFonTee
- Status: Enabled (dropdown menu)

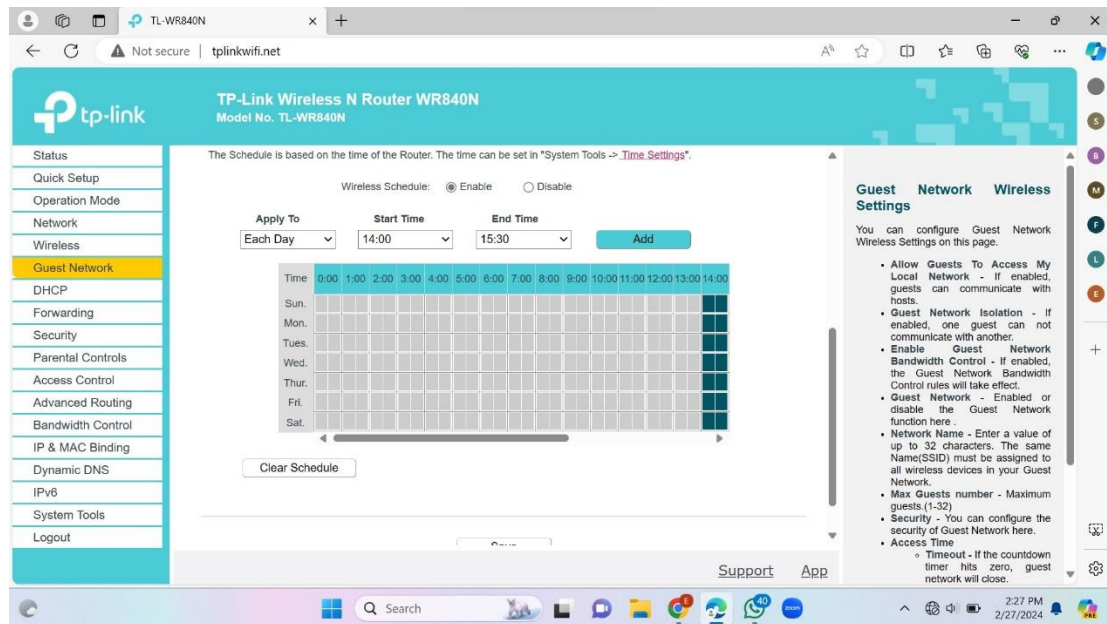
At the bottom of the form are "Save" and "Back" buttons. To the right is a "Wireless MAC Filtering Help" section with a description of the feature and a list of fields: MAC Address, Description, Status, and Host. It also includes instructions on how to set up an entry and how to add a new entry. At the bottom right of the interface are links for "Support" and "App".

16. Add New lalu masukkan MAC address yang akan di blokir

17. Pilih Guest Network untuk membuat wifi baru



18. Klik Wireless schedule untuk mengatur waktu wifi dapat digunakan



19. Jika ingin mengatur berapa waktu wifi bisa diakses, acces Time, Time Out

The screenshot shows the TP-Link Wireless N Router WR840N web interface. The left sidebar contains a menu with options: Status, Quick Setup, Operation Mode, Network, Wireless, Guest Network (highlighted), DHCP, Forwarding, Security, Parental Controls, Access Control, Advanced Routing, Bandwidth Control, IP & MAC Binding, Dynamic DNS, IPv6, System Tools, and Logout. The main content area is titled 'Guest Network' and includes the following settings:

- Allow Guests To Access My Local Network:
- Guest Network Isolation:
- Guest Network Bandwidth Control:
- Guest Network: ☒ Enable ☐ Disable
- Network Name: Kelompok 3
- Max Guests number: 32
- Security:
- Access Time: (Remaining Time: 00:09:54)

At the bottom of the main content area is a button. On the right side, there is a 'Guest Network Wireless Settings' section with a list of configuration options and their descriptions.

20. Device yang tersambung

The screenshot shows the TP-Link Wireless N Router WR840N web interface. The left sidebar contains a menu with options: Status, Quick Setup, Operation Mode, Network, Wireless (highlighted), Guest Network, DHCP, Forwarding, Security, Parental Controls, Access Control, Advanced Routing, Bandwidth Control, IP & MAC Binding, and Logout. The main content area is titled 'Wireless Statistics' and includes the following information:

Wireless Stations Currently Connected: 2

ID	MAC Address	Current Status	Received Packets	Sent Packets	SSID
1	00:45:E2:FE:13:11	Associated	404	411	free wifi
2	12:42:17:C7:4B:37	Associated	171	30	Kelompok 3

On the right side, there is a 'Wireless Statistics Help' section with a list of definitions for the statistics shown in the table. At the bottom of the main content area is a button and an button.

