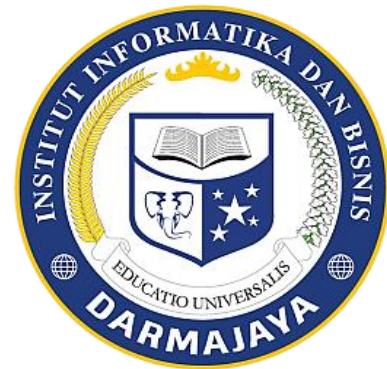


*Bahan Ajar*

## Modul Praktikum

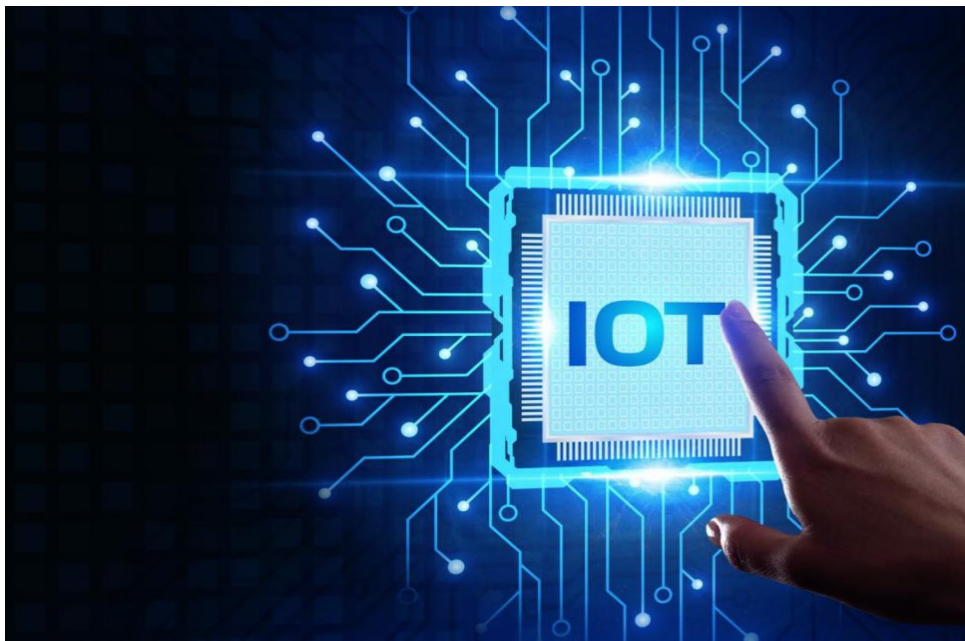
# INTERNET of THINGS (IoT Security)

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**PROGRAM STUDI SISTEM KOMPUTER  
FAKULTAS ILMU KOMPUTER  
INSTITUT INFORMATIKA DAN BISNIS DARMAJAYA  
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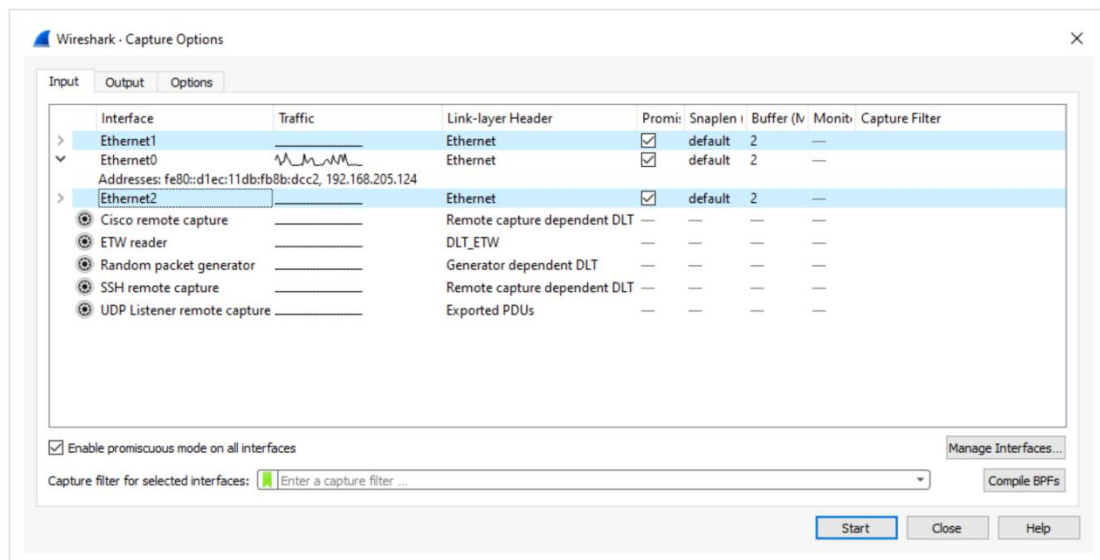
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# Modul 7

## Capturing Live Network Data (http Protocol)

### Start Capturing:

When you open Wireshark without starting a capture or opening a capture file it will display the “Welcome Screen,” which lists any recently opened capture files and available capture interfaces. Network activity for each interface will be shown in a sparkline next to the interface name. It is possible to select more than one interface and capture from them simultaneously



### Interface

The interface name.

Some interfaces allow or require configuration prior to capture. This will be indicated by a configuration icon (x capture options) to the left of the interface name. Clicking on the icon will show the configuration dialog for that interface.

### Traffic

A sparkline showing network activity over time.

### Link-layer Header

The type of packet captured by this interface. In some cases it is possible to change this.

## Promiscuous

Lets you put this interface in promiscuous mode while capturing. Note that another application might override this setting.

## Snaplen

The snapshot length, or the number of bytes to capture for each packet. You can set an explicit length if needed, e.g., for performance or privacy reasons.

## Buffer

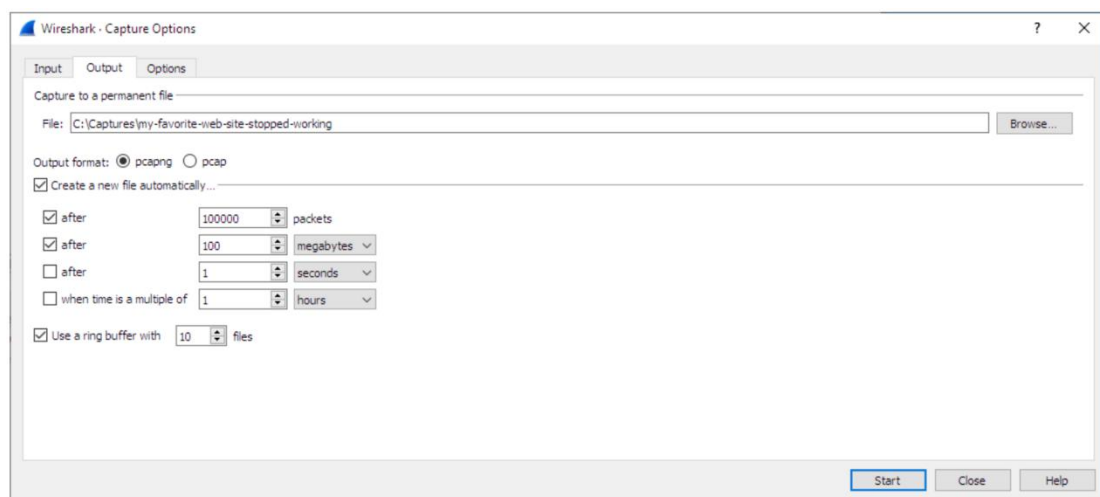
The size of the kernel buffer that is reserved for capturing packets. You can increase or decrease this as needed, but the default is usually sufficient.

## Monitor Mode

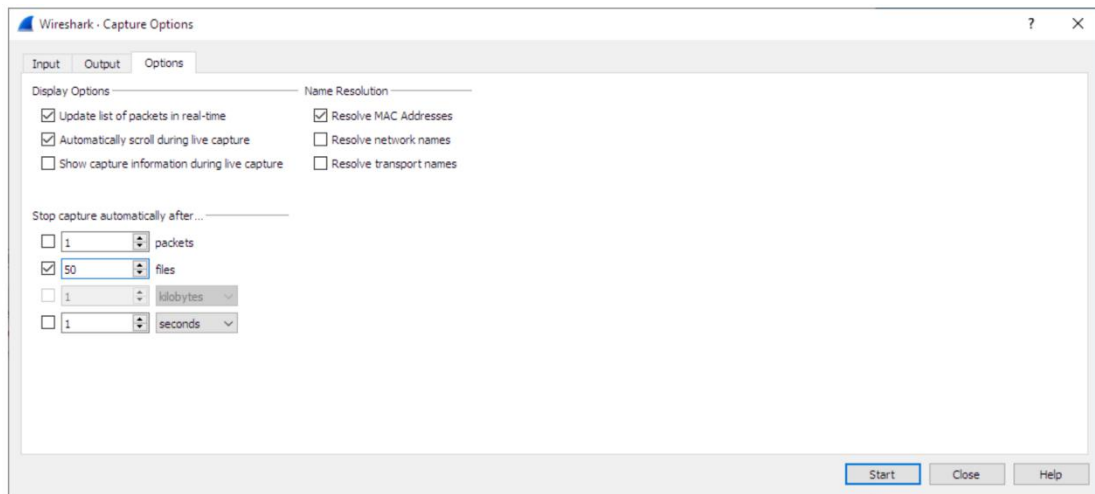
Lets you capture full, raw 802.11 headers. Support depends on the interface type, hardware, driver, and OS. Note that enabling this might disconnect you from your wireless network.

## Capture Filter

The capture filter applied to this interface. You can edit the filter by double-clicking on it.



## Capturing Options



## JOBSHEET 7

Lakukan pengiriman data ke website server iot, jalankan wireshark dengan klik “Start Capture” dan akhiri dengan klik “Stop Capture”. Lakukan filtering data hanya protocol http, jelaskan tahapan, hasil dan analisa nya.

LAPORAN HASIL PERCOBAAN: