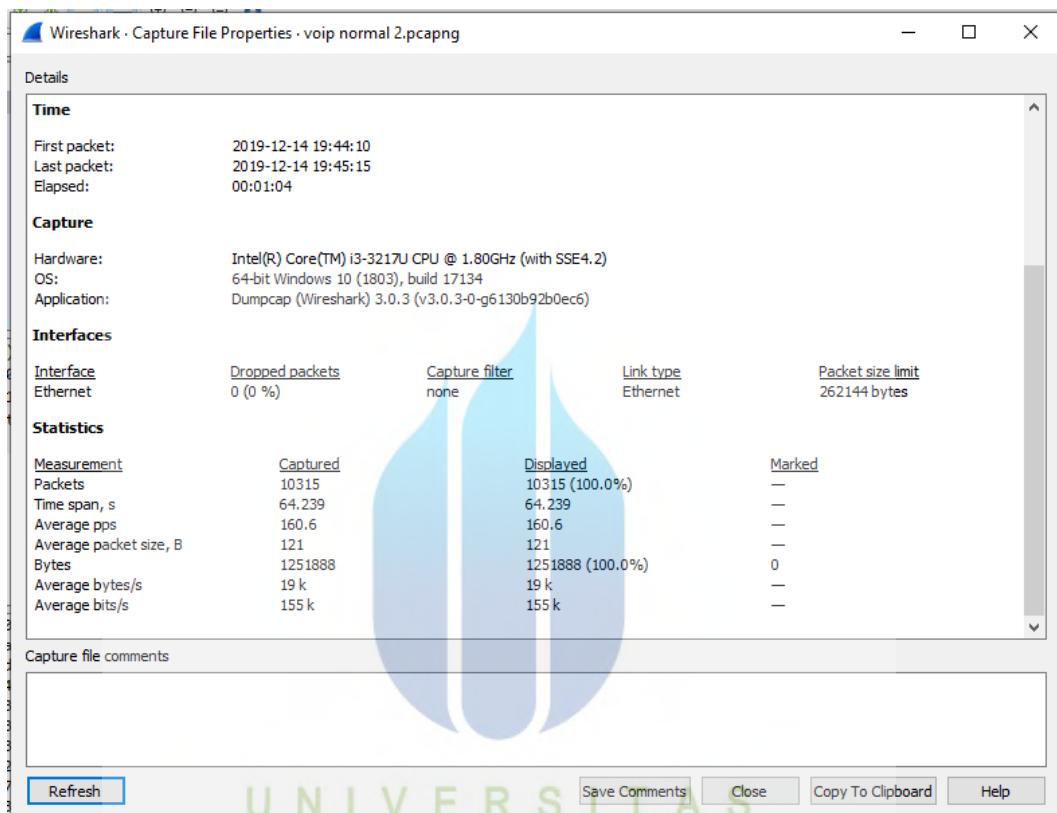


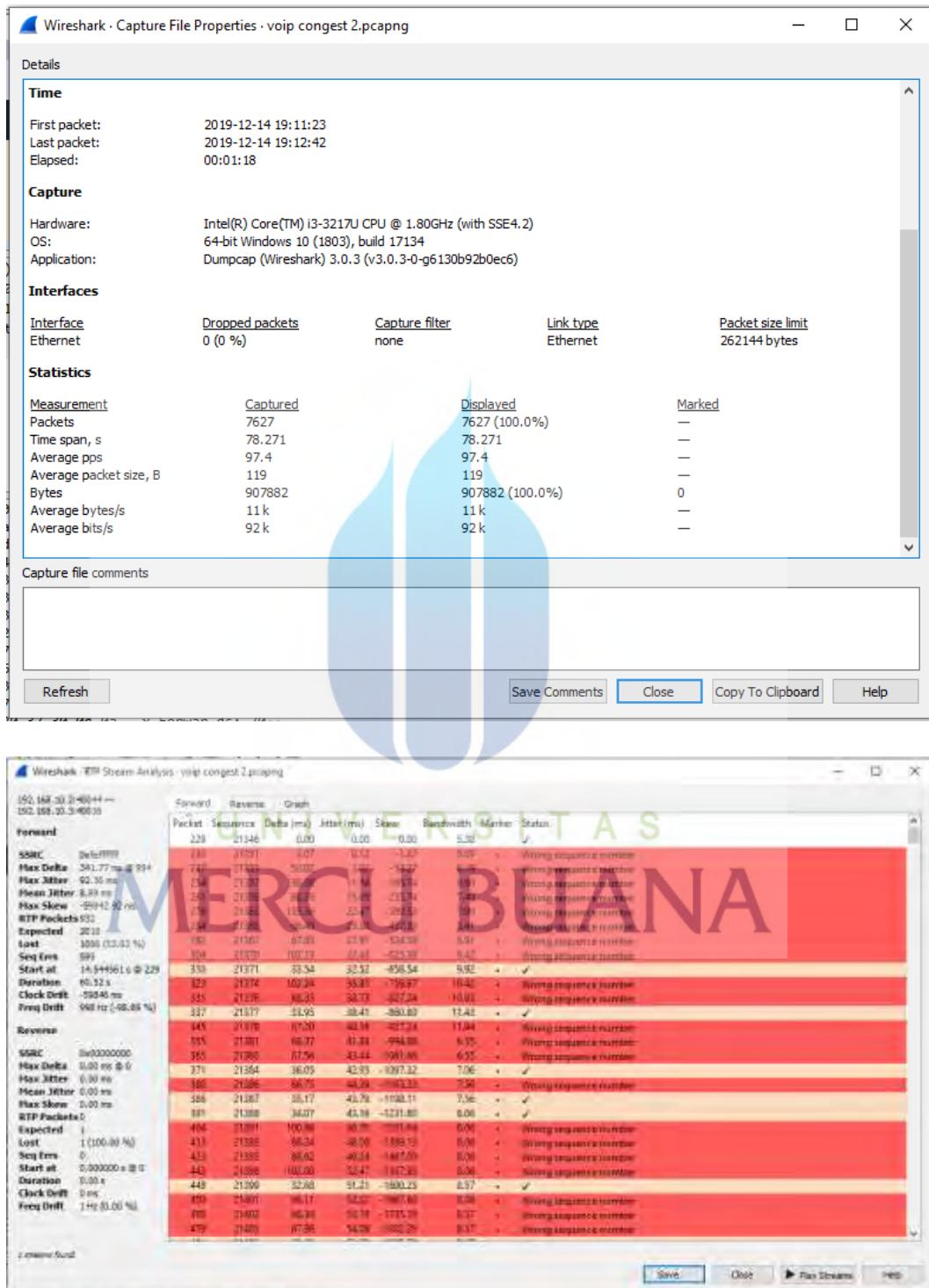
## LAMPIRAN

Data hasil dari pengujian menggunakan aplikasi *wireshark*.

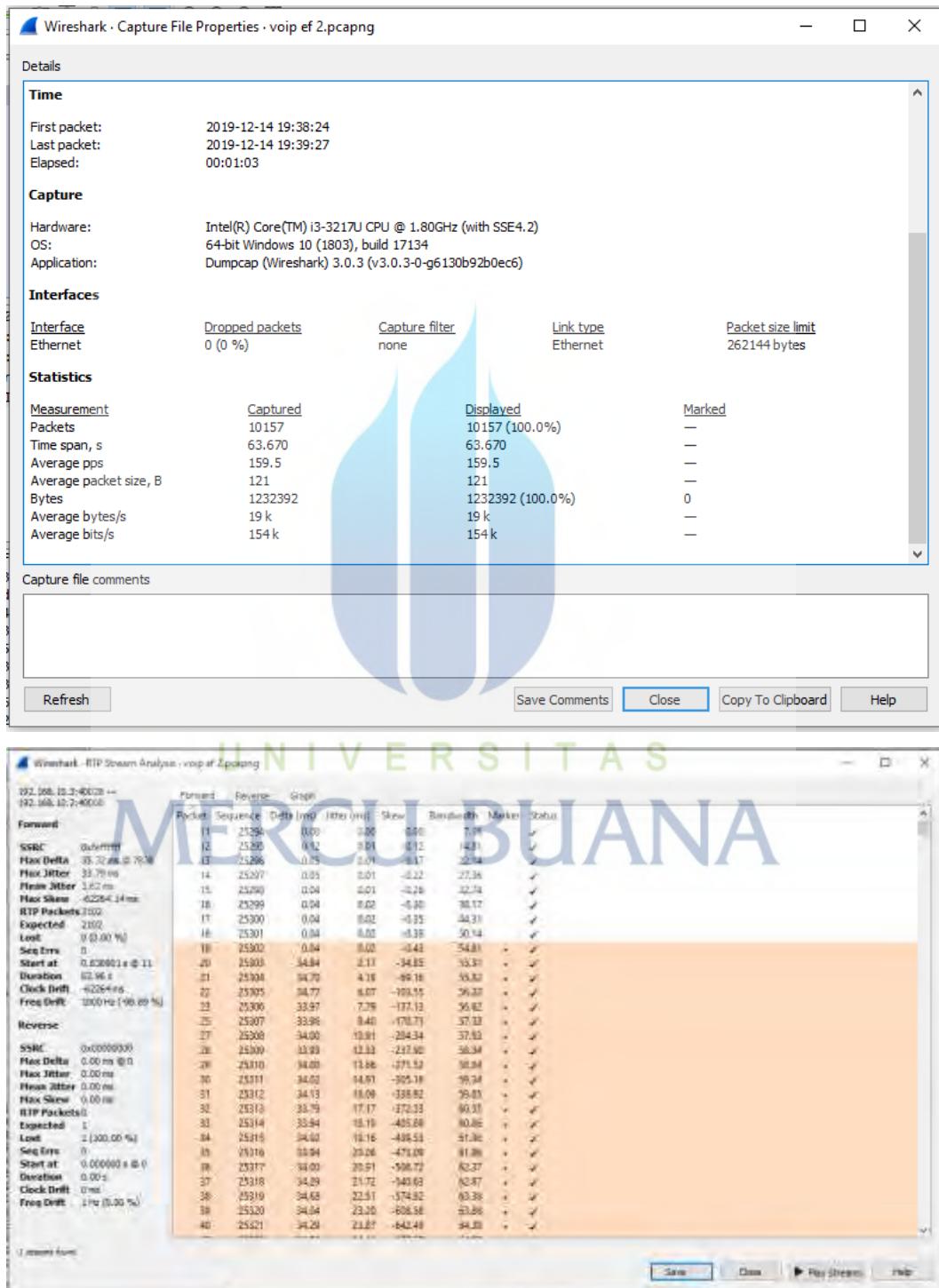
### 1. Hasil pada saat kondisi normal



## 2. Hasil pada saat kondisi *network congest*

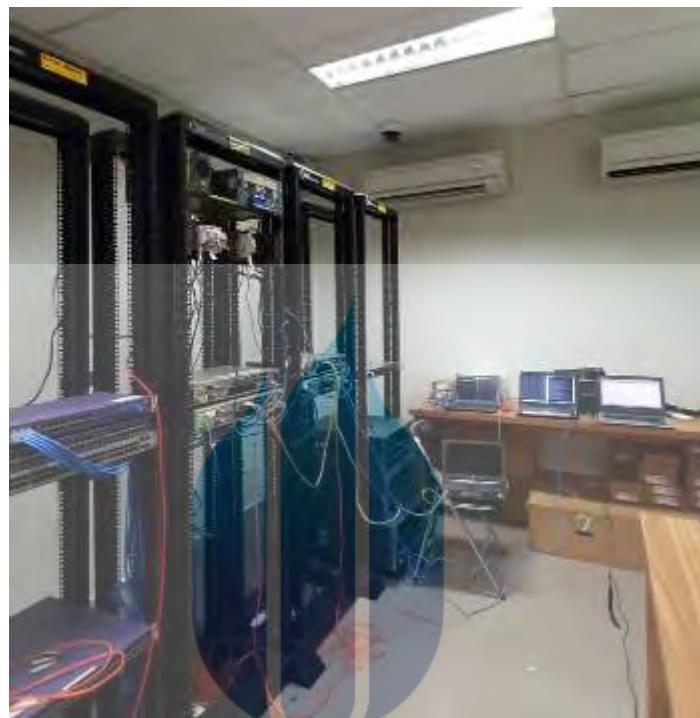


3. Hasil pada saat kondisi *network congest* menggunakan QoS *policy forwarding class* (EF)



## DOKUMENTASI

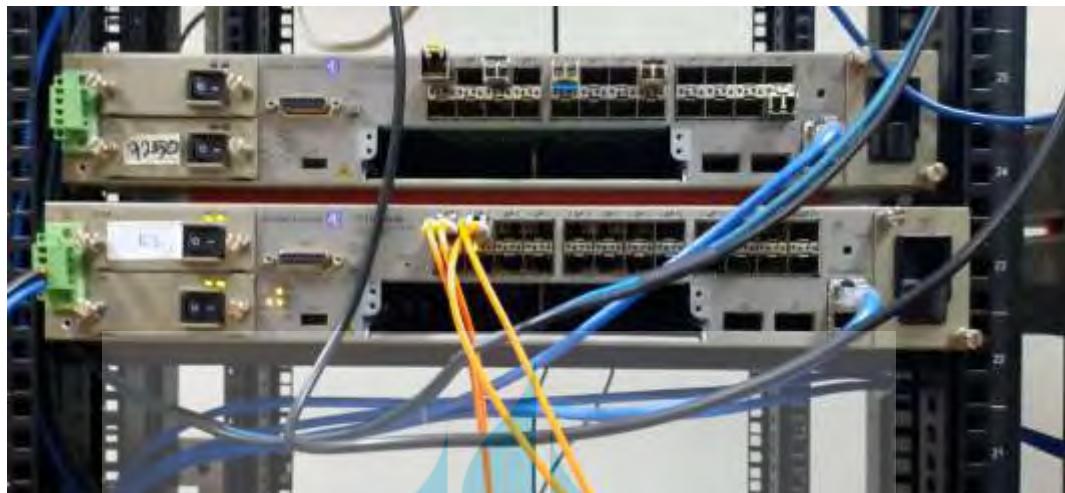
1. Foto kondisi lab uji



2. Foto *router* nokia R1 dan R3



3. Foto *router nokia R2*



4. Foto peneliti di lab



**Telecom Professional**

**Dhio Medianto**

**WORK EXPERIENCES**

**PT. Datacomm Dianggraha, Jakarta**

As a IP Service Problem Management, Responsible for:

- Handling by remote multi vendors routers ( ALU/Nokia, Juniper, Cisco, Huawei).
- Troubleshooting and traffic-engineering MPLS backbone problem.
- Fault handling domestic internet problem of Indosat Ooredoo customer.
- Optimize link service customer end to end.
- Fault handling Indosat internet service, ex: IDIA, INIX, IMP.
- Optimization and create services L2vpn (VPLS,VPMN) and L3vpn (VPRM).
- Monitoring the backbone network traffic and condition of existing network equipment (Routers/Metro-e).

**PT. Bank Rakyat Indonesia, Jakarta**

As a Network Engineer, Responsible for:

- Staging of the metro-e router device in logistics warehouse.
- Installing and configure Metro-e Nokia routers family.
- Supervising the hardware installation done by 3rd party company.
- Upgrade firmware, module, bandwidth capabilities.
- Perform the migration
- Perform test accept the device
- Perform standby at customer site
- Troubleshooting when there is fault / problems with the devices.

**PT. Telkom**

As a Network Operations Centre, Responsible for:

- Monitoring availability & event management that occurs in remote groups per regional office, M2M, user FD and backhaul providers.
- Open a trouble ticket for all disturbances including power outages (Non-SLA) and others.
- Coordinations with the work unit team and CRO for first level handling (FLH).
- Troubleshooting FLH on a remote monitor, authorized to coordinate directly with the vendor / provider of the jarkom.
- Serve to change routing so that work units that are experiencing problems can use the backup server and tasked to reverse routing to the main server
- Make an Incident Report and update the process via WA / Telegram / Email until close

**EDUCATION**

Sept 2016 – Now

**1**

Sept 2014 – Aug 2017

**Bachelor's degree, Electro Engineering**

Mercubuana University, Jakarta

The Bachelor's degree of Electro Engineering concentration Telecommunication Engineering at Mercubuana University Jakarta.

**Diploma 3, Telecommunication Engineering**

Academy Telecommunication Sandhy Putra, Jakarta

Program Earning the Diploma Three (D3) of Electro Engineering concentration Telecommunication Engineering at Academy Telecommunication Sandhy Putra Jakarta in 3 years.

(Graduate IPK : 3.83)

**PERSONAL SKILLS****Basic language(s)**Indonesia  
English**Communication skills****Computer skills****MERCUBUANA UNIVERSITY****Accomplishments**

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
A	A	A	A	A
B	B	B	B	B

Level A Fluency - B Good - C Below Average

**Team Work**

I have worked in various types of teams from different people and country. Manage team and schedule for project and maintenance team.

**Meeting and Presentation Skills**

I work with a lot of targets and achievement for the improvement and review with the customer to ensure that the work has reached the target

**Tools and Software**

- SecureCRT, PUTTY, Teamviewer, VNC Viewer
- Packet Tracer, GNIS3, Filezilla, WinSCP, ExamDiff
- Proteus/ISIS, Arduino, Eclipse, AVR, PCAAQ
- Microsoft Office
- Basic Linux and Networking
- Basic Cisco Configuration
- Basic Nokia Network Routing Configuration
- Adobe Photoshop, CorelDraw, AutoCAD

**Certifications**

- NRS I - Nokia Scalable IP Networks
- NRS II - Nokia Services Architecture
- NRS II - Nokia Interior Routing Protocols
- TOEIC Score 628

I am declare all of my data above is valid and can be

*Dhio Medianto*