

## LAMPIRAN

<u>Measurement</u>	<u>Captured</u>	<u>Displayed</u>	<u>Marked</u>
Packets	4297	4297 (100.0%)	—
Time span, s	35.969	35.969	—
Average pps	119.5	119.5	—
Average packet size, B	725	725	—
Bytes	3114874	3114874 (100.0%)	0
Average bytes/s	86 k	86 k	—
Average bits/s	692 k	692 k	—

Gambar *Capture Wireshark* file 2.3 MB client B L2TP

<u>Measurement</u>	<u>Captured</u>	<u>Displayed</u>	<u>Marked</u>
Packets	4517	4517 (100.0%)	—
Time span, s	40.480	40.480	—
Average pps	111.6	111.6	—
Average packet size, B	719	719	—
Bytes	3249321	3249321 (100.0%)	0
Average bytes/s	80 k	80 k	—
Average bits/s	642 k	642 k	—

Gambar *Capture Wireshark* file 2.3 MB client B PPTP

<u>Measurement</u>	<u>Captured</u>	<u>Displayed</u>	<u>Marked</u>
Packets	3700	3700 (100.0%)	—
Time span, s	46.022	46.022	—
Average pps	80.4	80.4	—
Average packet size, B	779	779	—
Bytes	2881605	2881605 (100.0%)	0
Average bytes/s	62 k	62 k	—
Average bits/s	500 k	500 k	—

Gambar *Capture Wireshark* file 2.3 MB client A L2TP

<u>Measurement</u>	<u>Captured</u>	<u>Displayed</u>	<u>Marked</u>
Packets	22263	22263 (100.0%)	—
Time span, s	201.822	201.822	—
Average pps	110.3	110.3	—
Average packet size, B	780	780	—
Bytes	17358245	17358245 (100.0%)	0
Average bytes/s	86 k	86 k	—
Average bits/s	688 k	688 k	—

Gambar *Capture Wireshark* file 2.3 MB client A PPTP

<u>Measurement</u>	<u>Captured</u>	<u>Displayed</u>	<u>Marked</u>
Packets	34328	34328 (100.0%)	—
Time span, s	213.049	213.049	—
Average pps	161.1	161.1	—
Average packet size, B	844	844	—
Bytes	28973011	28973011 (100.0%)	0
Average bytes/s	135 k	135 k	—
Average bits/s	1087 k	1087 k	—

Gambar *Capture Wireshark* file 11 MB client B L2TP

<u>Measurement</u>	<u>Captured</u>	<u>Displayed</u>	<u>Marked</u>
Packets	17492	17492 (100.0%)	—
Time span, s	115.280	115.280	—
Average pps	151.7	151.7	—
Average packet size, B	806	806	—
Bytes	14099311	14099311 (100.0%)	0
Average bytes/s	122 k	122 k	—
Average bits/s	978 k	978 k	—

Gambar *Capture Wireshark* file 11 MB client B PPTP

<u>Measurement</u>	<u>Captured</u>	<u>Displayed</u>	<u>Marked</u>
Packets	17999	17999 (100.0%)	—
Time span, s	118.710	118.710	—
Average pps	151.6	151.6	—
Average packet size, B	816	816	—
Bytes	14683102	14683102 (100.0%)	0
Average bytes/s	123 k	123 k	—
Average bits/s	989 k	989 k	—

Gambar *Capture Wireshark* file 11 MB client A L2TP

<u>Measurement</u>	<u>Captured</u>	<u>Displayed</u>	<u>Marked</u>
Packets	19039	19039 (100.0%)	—
Time span, s	133.714	133.714	—
Average pps	142.4	142.4	—
Average packet size, B	822	822	—
Bytes	15655462	15655462 (100.0%)	0
Average bytes/s	117 k	117 k	—
Average bits/s	936 k	936 k	—

Gambar *Capture Wireshark* file 11 MB client A PPTP

<u>Measurement</u>	<u>Captured</u>	<u>Displayed</u>	<u>Marked</u>
Packets	67467	67467 (100.0%)	—
Time span, s	533.670	533.670	—
Average pps	126.4	126.4	—
Average packet size, B	795	795	—
Bytes	53626035	53626035 (100.0%)	0
Average bytes/s	100 k	100 k	—
Average bits/s	803 k	803 k	—

Gambar *Capture Wireshark* file 40.7 MB L2TP

<u>Measurement</u>	<u>Captured</u>	<u>Displayed</u>	<u>Marked</u>
Packets	66724	66724 (100.0%)	—
Time span, s	520.847	520.847	—
Average pps	128.1	128.1	—
Average packet size, B	811	811	—
Bytes	54081374	54081374 (100.0%)	0
Average bytes/s	103 k	103 k	—
Average bits/s	830 k	830 k	—

Gambar *Capture Wireshark* file 40.7 MB PPTP

<u>Measurement</u>	<u>Captured</u>	<u>Displayed</u>	<u>Marked</u>
Packets	136894	136894 (100.0%)	—
Time span, s	839.617	839.617	—
Average pps	163.0	163.0	—
Average packet size, B	779	779	—
Bytes	106679974	106679974 (100.0%)	0
Average bytes/s	127 k	127 k	—
Average bits/s	1016 k	1016 k	—

Gambar *Capture Wireshark* file 74.56 MB L2TP

<u>Measurement</u>	<u>Captured</u>	<u>Displayed</u>	<u>Marked</u>
Packets	135027	135027 (100.0%)	—
Time span, s	869.723	869.723	—
Average pps	155.3	155.3	—
Average packet size, B	789	789	—
Bytes	106575418	106575418 (100.0%)	0
Average bytes/s	122 k	122 k	—
Average bits/s	980 k	980 k	—

Gambar *Capture Wireshark* file 74.56 MB PPTP

<u>Measurement</u>	<u>Captured</u>	<u>Displayed</u>	<u>Marked</u>
Packets	32315	32315 (100.0%)	—
Time span, s	138.497	138.497	—
Average pps	233.3	233.3	—
Average packet size, B	889	889	—
Bytes	28738594	28738594 (100.0%)	0
Average bytes/s	207 k	207 k	—
Average bits/s	1660 k	1660 k	—

Gambar *Capture Wireshark Streaming You Tube* L2TP

<u>Measurement</u>	<u>Captured</u>	<u>Displayed</u>	<u>Marked</u>
Packets	29040	29040 (100.0%)	—
Time span, s	140.118	140.118	—
Average pps	207.3	207.3	—
Average packet size, B	939	939	—
Bytes	27276086	27276086 (100.0%)	0
Average bytes/s	194 k	194 k	—
Average bits/s	1557 k	1557 k	—

Gambar *Capture Wireshark Streaming You Tube PPTP*





PROGRAM STUDI TEKNIK INFORMATIKA  
**FAKULTAS TEKNIK**  
UNIVERSITAS MUHAMMADIYAH JEMBER  
Jl. Karimata 49 Telp. (0331) 336728 Fax. (0331) 337957 Kotak Pos. 104 Jember 68121

**DAFTAR REVISI PENGUJI 1  
SIDANG TUGAS AKHIR**

Nama Mahasiswa : RIZKI BUDI SANTOSO  
Nomor Induk Mahasiswa : 1410652003  
Judul Tugas Akhir : PERBANDINGAN KINERJA JARINGAN VPN BERBASIS MIKROTIK MENGGUNAKAN PROTOKOL PPTP dan L2TP SEBAGAI MEDIA TRANSFER DATA  
Hari / Tanggal : Senin / 14 Januari 2019  
Jam : 08:00 WIB  
Tempat : cc.2.2

Bab/Halaman	Uraian	Keterangan
	Daftar tes format diperbaiki	Agung
	rumusa masalah diperbaiki	Agung
	Babua masalah diperbaiki	Agung
	penbahasan diperbaiki	Agung
	uji ulang ? skematis diperbaiki	Agung

Dosen Penguji 1

AGUNG NILOGIRI, S.T., M.Kom.

NB : Untuk Mahasiswa



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UNIVERSITAS MUHAMMADIYAH JEMBER

Jl. Karimata 49 Telp. (0331) 336728 Fax. (0331) 337957 Kotak Pos 104 Jember 68121

**DAFTAR REVISI PENGUJI 2**  
**SIDANG TUGAS AKHIR**

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Nomor Induk Mahasiswa : 1410652003  
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Hari / Tanggal : Senin / 14 Januari 2019  
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Bab/Halaman	Uraian	Keterangan
	<i>Cek babnya</i>	<i>→</i>
		<i>acc 2/19</i>

Dosen Penguji 2

TAUFIQ TIMUR W., S.Kom., M.Kom.

NB : Untuk Mahasiswa