

## LAMPIRAN 2

### Pengambilan Data Sekunder

#### 1. Capture menggunakan Wireshark

##### a. Delay

No.	Time	Source	Destination	Protocol	Length	Time delta from previous displayed frame
1	0.000000	192.168.88.30	192.168.88.250	RTP	217	0.000000000
2	0.000806	192.168.88.30	192.168.88.250	G.723.1	466	0.000806000
3	0.008173	192.168.88.30	192.168.88.250	G.723.1	491	0.007367000
4	0.028207	192.168.88.30	192.168.88.250	G.723.1	473	0.020034000
5	0.060433	192.168.88.30	192.168.88.250	RTP	1442	0.032226000
6	0.063862	192.168.88.30	192.168.88.250	RTP	1442	0.003429000
7	0.063863	192.168.88.30	192.168.88.250	RTP	1442	0.000001000
8	0.063863	192.168.88.30	192.168.88.250	RTP	1028	0.000000000
9	0.063865	192.168.88.30	192.168.88.250	RTP	1199	0.000002000
10	0.063865	192.168.88.30	192.168.88.250	G.723.1	464	0.000000000
11	0.078096	192.168.88.30	192.168.88.250	G.723.1	467	0.014231000
12	0.098135	192.168.88.30	192.168.88.250	G.723.1	447	0.020039000
13	0.128580	192.168.88.30	192.168.88.250	G.723.1	504	0.030445000
14	0.150849	192.168.88.30	192.168.88.250	RTP	1442	0.022269000
15	0.151686	192.168.88.30	192.168.88.250	RTP	1442	0.000837000
16	0.151692	192.168.88.30	192.168.88.250	RTP	1442	0.000006000
17	0.151694	192.168.88.30	192.168.88.250	RTP	1035	0.000002000
18	0.170681	192.168.88.30	192.168.88.250	RTP	1442	0.018987000
19	0.170682	192.168.88.30	192.168.88.250	RTP	110	0.000001000
20	0.171460	192.168.88.30	192.168.88.250	RTP	1444	0.000778000

##### b. Throughput

Details				
Encapsulation:	Ethernet			
<b>Time</b>				
First packet:	2016-03-02 17:10:39			
Last packet:	2016-03-02 17:11:39			
Elapsed:	00:00:59			
<b>Capture</b>				
Hardware:	Unknown			
OS:	64-bit Windows 8, build 9200			
Application:	Dumpcap (Wireshark) 2.0.1 (v2.0.1-0-g59ea380 from master-2.0)			
<b>Interfaces</b>				
<u>Interface</u>	<u>Dropped packets</u>	<u>Capture filter</u>	<u>Link type</u>	<u>Packet size limit</u>
\Device\NPF_{6530F99B-68CF-4333-BBD1-9B6C58D0529C}	Unknown	none	Ethernet	262144 bytes
<b>Statistics</b>				
<u>Measurement</u>	<u>Captured</u>	<u>Displayed</u>	<u>Marked</u>	
Packets	10621	10621 (100.0%)	N/A	
Time span, s	59.782	59.782	N/A	
Average pps	177.7	177.7	N/A	
Average packet size, B	1076.5	1076.5	N/A	
Bytes	11429385	11429385 (100.0%)	0	
Average bytes/s	191 k	191 k	N/A	
Average bits/s	1529 k	1529 k	N/A	

c. Packet Loss

Packet	Sequence	Delta (ms)	Jitter (ms)	Skew	Bandwidth	Marker	Status
1	12523	0.00	0.00	0.00	1.62		✓
2	12524	0.81	0.04	-0.68	5.24	•	Payload changed to PT=4
3	12525	7.37	0.49	-7.92	9.06	•	✓
4	12526	20.03	1.71	-27.83	12.73	•	✓
5	12527	20.03	1.71	-27.83	24.15	•	Payload changed to PT=111
6	12528	20.03	1.71	-27.83	35.58		✓
7	12529	20.03	1.71	-27.83	47.00		✓
8	12530	20.03	1.71	-27.83	55.11		✓
9	12531	20.03	1.71	-27.83	64.59	•	✓
10	12532	0.00	1.62	-63.12	68.19	•	Payload changed to PT=4
11	12533	14.23	2.40	-77.22	71.82	•	✓
12	12534	20.04	3.50	-97.14	75.28	•	✓

2. Proses pembebanan trafik menggunakan Solarwind

