

Daftar Isi

Contents

ABSTRAK	I
ABSTRACT	II
LEMBAR PERSEMBAHAN	III
KATA PENGANTAR	IV
DAFTAR ISI	V
DAFTAR GAMBAR	ERROR! BOOKMARK NOT DEFINED.
DAFTAR TABEL	ERROR! BOOKMARK NOT DEFINED.
DAFTAR ISTILAH	IX
1. PENDAHULUAN	1
1.1 LATAR BELAKANG	1
1.2 PERUMUSAN MASALAH.....	ERROR! BOOKMARK NOT DEFINED.
1.3 BATASAN MASALAH.....	ERROR! BOOKMARK NOT DEFINED.
1.4 MAKSUD DAN TUJUAN	3
1.5 HIPOTESIS	3
1.6 METODOLOGI PENYELESAIAN MASALAH	3
1.7 SISTEMATIKA PENULISAN.....	4
2. DASAR TEORI	5
2.1 TEKNOLOGI <i>METRO ETHERNET</i>	5
2.1.1 <i>Konsep Dasar Teknologi Metro Ethernet</i>	5
2.1.2 <i>Cara Kerja Metro Ethernet</i>	6
2.1.3 <i>Konfigurasi Metro Ethernet Pada Jaringan Speedy</i>	7
2.2 JARINGAN IP MULTIMEDIA SUBSYSTEM (<i>IMS</i>)	ERROR! BOOKMARK NOT DEFINED.
2.2.1 <i>SIP (Session Initiation Protocol)</i>	<i>Error! Bookmark not defined.</i>
2.2.2 <i>Arsitektur dan Perancangan IMS</i>	<i>Error! Bookmark not defined.</i>
2.3 <i>IPTV (INTERNET PROTOCOL TELEVISION)</i>	ERROR! BOOKMARK NOT DEFINED.
2.3.1 <i>Beberapa Feature IPTV</i>	<i>Error! Bookmark not defined.</i>
2.3.2 <i>Jenis-jenis Layanan IPTV</i>	<i>Error! Bookmark not defined.</i>
2.4 PENGERTIAN <i>SPEEDY</i>	ERROR! BOOKMARK NOT DEFINED.
2.4.1 <i>Beberapa Jenis Layanan SPEEDY</i>	<i>Error! Bookmark not defined.</i>
3. PERANCANGAN DAN SIMULASI	8
3.1 PEMODELAN SISTEM	ERROR! BOOKMARK NOT DEFINED.
3.2 PERANCANGAN DESAIN KONFIGURASI JARINGAN... ..	ERROR! BOOKMARK NOT DEFINED.
3.2.1 <i>Sarana Pendukung Simulasi</i>	<i>Error! Bookmark not defined.</i>
3.2.1.1 <i>Perangkat keras</i>	<i>Error! Bookmark not defined.</i>
3.2.2 <i>Codec Video</i>	<i>Error! Bookmark not defined.</i>
3.2.3 <i>Tujuan Pengujian</i>	<i>Error! Bookmark not defined.</i>
3.2.4 <i>Penentuan Skenario Simulasi</i>	<i>Error! Bookmark not defined.</i>
3.3 PENENTUAN PARAMETER ANALISIS	ERROR! BOOKMARK NOT DEFINED.
3.3.1 <i>Throughput</i>	<i>Error! Bookmark not defined.</i>
3.3.2 <i>Delay</i>	<i>Error! Bookmark not defined.</i>
3.3.3 <i>Jitter</i>	<i>Error! Bookmark not defined.</i>
3.3.4 <i>Paket Loss</i>	<i>Error! Bookmark not defined.</i>

4.	PENGUJIAN DAN ANALISIS HASIL SIMULASI	17
4.1	ANALISIS PENGARUH MANAJEMEN <i>BACKGROUND TRAFFIC</i>	ERROR! BOOKMARK NOT DEFINED.
4.1.1	Pengaruh Penambahan <i>Background Traffic</i> terhadap <i>Delay</i>	Error! Bookmark not defined.
4.1.2	Pengaruh Penambahan <i>Background Traffic</i> terhadap <i>Jitter</i>	Error! Bookmark not defined.
4.1.3	Pengaruh Penambahan <i>Background Traffic</i> Terhadap <i>Throughput</i>	Error! Bookmark not defined.
4.1.4	Pengaruh Penambahan <i>Background Traffic</i> Terhadap <i>Packetloss</i>	Error! Bookmark not defined.
4.2	ANALISIS PENGARUH PENAMBAHAN <i>USER</i>	ERROR! BOOKMARK NOT DEFINED.
4.2.1	Pengaruh Penambahan <i>User</i> Terhadap <i>Delay</i>	Error! Bookmark not defined.
4.2.2	Pengaruh Penambahan <i>User</i> Terhadap <i>Jitter</i>	Error! Bookmark not defined.
4.2.3	Pengaruh Penambahan <i>User</i> Terhadap <i>Packet loss</i>	Error! Bookmark not defined.
4.3	ANALISIS PENGARUH <i>CODEC IPTV</i>	ERROR! BOOKMARK NOT DEFINED.
4.3.1	Pengaruh <i>Codec IPTV</i> Terhadap <i>Delay</i>	Error! Bookmark not defined.
4.3.2	Pengaruh <i>Codec IPTV</i> Terhadap <i>Jitter</i>	Error! Bookmark not defined.
4.3.3	Pengaruh <i>Codec IPTV</i> Terhadap <i>Throughput</i>	Error! Bookmark not defined.
4.3.4	Pengaruh <i>Codec IPTV</i> Terhadap <i>Packet loss</i>	Error! Bookmark not defined.
5.	PENUTUP.....	ERROR! BOOKMARK NOT DEFINED.
5.1	KESIMPULAN	ERROR! BOOKMARK NOT DEFINED.
5.2	SARAN.....	ERROR! BOOKMARK NOT DEFINED.