

DAFTAR ISI

LEMBAR PENGESAHAN TUGAS AKHIR	i
LEMBAR PENGUJI SIDANG TUGAS AKHIR	ii
LEMBAR PERNYATAAN KEASLIAN TUGAS AKHIR	iii
ABSTRAK	iv
ABSTRACT	v
MOTTO DAN PERSEMBAHAN	vi
KATA PENGANTAR	vii
DAFTAR ISI	x
DAFTAR GAMBAR	xiv
DAFTAR TABEL	xvii
DAFTAR PERSAMAAN	xix
DAFTAR KODE	xx
DAFTAR LAMPIRAN	xxii
BAB I PENDAHULUAN	I-1
1.1 Latar Belakang.....	I-1
1.2 Rumusan Masalah.....	I-4
1.3 Tujuan Penelitian.....	I-4
1.4 Batasan Masalah.....	I-5

1.5	Manfaat Penelitian.....	I-5
BAB II TINJAUAN PUSTAKA.....		II-1
2.1	Landasan Teori	II-1
2.1.1	<i>Video Streaming</i>	II-1
2.1.2	<i>Routing</i>	II-2
2.1.3	<i>Interior Gateway Protocol</i>	II-3
2.1.4	<i>Routing Information Protocol (RIP)</i>	II-4
2.1.5	<i>Open Shortest Path First (OSPF)</i>	II-4
2.1.6	<i>Quality of Service (QoS)</i>	II-4
2.2	Penelitian Terkait (<i>State of The Art</i>).....	II-7
2.2.1	Studi Komparasi Kinerja <i>Interior Gateway Protocol</i> Berbasis <i>Distance Vector</i> dan <i>Link State</i> ((Ramadhani et al., 2023)	II-7
2.2.2	<i>Comparative Analysis Of Quality Of Service Performance Of Video Streaming Services Using OSPF And EIGRP Networks</i> (Simson & Widiyasari, 2023)	II-7
2.2.3	<i>Evaluation of OSPF and EIGRP Routing for Network</i> (Muhammad & Bing, 2022)	II-7
2.2.4	Analisis Perbandingan <i>Performance Video Streaming</i> Dengan Metode <i>Routing Protocol Open Shortest Path First Routing Information Protocol, Intermediate System-Intermediate System</i> (Ginanjar & Santoso, 2022)	II-8

2.2.5	<i>Performance Analysis of Mesh Based Enterprise Network Using RIP, EIGRP and OSPF Routing Protocols (Kabir et al., 2021)</i>	II-8
2.2.6	Analisis Perbandingan Metode <i>Interior Gateway Protocol</i> RIP dengan OSPF Pada Jaringan <i>MPLS-VPLS (Nurdiansyah et al., 2020)</i>	II-8
2.2.7	<i>Comparative Study of EIGRP and OSPF Protocols based on Network Convergence (Okonkwo & Emmanuel, 2020)</i>	II-9
2.2.8	<i>Performance Analysis of Routing Protocols RIP, EIGRP, OSPF and IGRP using Networks connector (Mahmood, 2020)</i>	II-9
2.2.9	<i>Performance Comparison of EIGRP, OSPF and RIP Routing Protocols using Cisco Packet Tracer and OPNET Simulator (Hossain et al., 2020)</i>	II-9
2.2.10	Perbandingan Kinerja Protokol <i>Routing</i> RIP (<i>Routing Information Protocol</i>) dan OSPF (<i>Open Shortest Path First</i>) Berbasis IPv6 (<i>Alvyan et al., 2019</i>)	II-10
2.2.11	Analisis Perbandingan <i>Routing Protocol Open Shortest Path First</i> dan <i>Enhanced Interior Gateway Routing Protocol</i> pada IPV6 menggunakan <i>Graphical Network Simulator 3 (Dinda et al., 2019)</i>	II-10
2.3	Kebaruan Penelitian.....	II-11
BAB III METODOLOGI PENELITIAN		III-1
3.1	Tahapan Penelitian	III-1
3.1.1	Metode PPDIOO.....	III-2

BAB IV HASIL DAN PEMBAHASAN.....	IV-1
4.1 <i>Prepare</i>	IV-1
4.2 <i>Plan</i>	IV-1
4.2.1 <i>Hardware</i>	IV-1
4.2.2 <i>Software</i>	IV-2
4.2.3 <i>File Sample</i>	IV-3
4.3 <i>Design</i>	IV-3
4.4 <i>Implement</i>	IV-5
4.4.1 Perancangan Arsitektur	IV-5
4.4.2 <i>Routing</i>	IV-11
4.4.3 Penerapan Layanan Video Streaming	IV-14
4.5 <i>Operate</i>	IV-17
4.5.1 Pengujian <i>Trace Route</i>	IV-17
4.5.2 Pengujian Layanan Video Streaming	IV-24
4.6 <i>Optimize</i>	IV-34
BAB V SIMPULAN DAN SARAN.....	V-1
5.1 Simpulan	V-1
5.2 Saran	V-2

DAFTAR PUSTAKA

LAMPIRAN