

## DAFTAR GAMBAR

Gambar II.1 Software Define Network.....	18
Gambar II.2 Distributed Denial of Service .....	20
Gambar II.3 Mininet.....	21
Gambar II.4 OpenFlow Switch .....	22
Gambar II.5 Arsitektur Ryu Controller.....	23
Gambar II.6 Hyperplane.....	25
Gambar II.7 Small Margin & Large Margin.....	25
Gambar III.1 Model Konspetual .....	28
Gambar III.2 Sistematika Penelitian .....	30
Gambar IV. 1 Alur Perancangan.....	34
Gambar IV. 2 Topologi Jaringan .....	36
Gambar V.7. 1 Ping Traffic Normal .....	55
Gambar V.7. 2 Traffic Normal.....	56
Gambar V.7. 3 Traffic Serangan 250 paket .....	56
Gambar V.7. 4 Hasil deteksi ryu controller .....	57
Gambar V.7. 5 Serangan 500 paket .....	58
Gambar V.7. 6 Hasil deteksi ryu controller .....	58
Gambar V.7. 7 Traffic serangan 1000 paket.....	59
Gambar V.7. 8 Hasil deteksi ryu controller .....	60
Gambar V.8.3. 1 Skenario 1 Confusion Matrix .....	66
Gambar V.8.3. 2 Hasil Skenario 1 .....	66
Gambar V.8.3. 3 Skenario 2 Confusion Matrix .....	67
Gambar V.8.3. 4 Hasil Skenario 2 .....	68
Gambar V.8.3. 5 Skenario 3 Confusion Matrix .....	69
Gambar V.8.3. 6 Hasil perhitungan Skenario 3 .....	70
Gambar V.8.3. 7 Skenario 4 Confusion Matrix .....	71
Gambar V.8.3. 8 Hasil Perhitungan Skenario 4 .....	72