

DAFTAR GAMBAR

| | |
|--|----|
| Gambar 2. 1 Topologi Bus | 9 |
| Gambar 2. 2 Topologi Ring..... | 9 |
| Gambar 2. 3 Topologi Star | 9 |
| Gambar 2. 4 Topologi Mesh..... | 10 |
| Gambar 2. 5 Router | 11 |
| Gambar 2. 6 Switch..... | 12 |
| Gambar 2. 7 Mikrotik..... | 12 |
| Gambar 2. 8 PCQ | 15 |
| | |
| Gambar 3. 1 OPD KP3B | 17 |
| Gambar 3. 2 Sebelum dilakukanya Management Bandwidth | 18 |
| Gambar 3. 3 Flowchart manajemen bandwidth | 22 |
| Gambar 3. 4 Topologi jaringan | 23 |
| Gambar 3. 5 Lantai 1..... | 25 |
| Gambar 3. 6 Lantai 2..... | 25 |
| Gambar 3. 7 Lantai 3..... | 26 |
| Gambar 3. 8 Diagram Alir..... | 29 |
| Gambar 3. 9 PCQ Rate..... | 30 |
| Gambar 3. 10 Diagram Alir Simple Queue | 31 |
| Gambar 3. 11 Skenario Metode Simple Queue | 32 |
| Gambar 3. 12 Diagram Alir Queue Tree | 33 |
| Gambar 3. 13 Skenario metode Queue Tree..... | 34 |
| Gambar 3. 14 Diagram alir HTB | 35 |
| | |
| Gambar 4. 1 Login Winbox..... | 36 |
| Gambar 4. 2 Konfigurasi Interface | 37 |
| Gambar 4. 3 Konfigurasi Ip Address..... | 38 |
| Gambar 4. 4 Konfigurasi Ip Address ether 3 | 38 |
| Gambar 4. 5 Konfigurasi DHCP Client add | 39 |
| Gambar 4. 6 Konfigurasi DHCP Server | 39 |
| Gambar 4. 7 konfigurasi firewall (srcnat)..... | 40 |
| Gambar 4. 8 Konfigurasi Firewall (Masquarade) | 40 |
| Gambar 4. 9 Konfigurasi PCQ (add)..... | 41 |
| Gambar 4. 10 PCQ Upload..... | 41 |
| Gambar 4. 11 PCQ Download..... | 42 |
| Gambar 4. 12 Konfigurasi Simple Queue..... | 43 |
| Gambar 4. 13 Konfigurasi Simple Queue (Advanced) | 43 |
| Gambar 4. 14 konfigurasi mangle | 44 |
| Gambar 4. 15 Konfigurasi Queue Tree..... | 44 |
| Gambar 4. 16 Mark Connection general HTB..... | 45 |
| Gambar 4. 17 Mark Connection action HTB..... | 46 |
| Gambar 4. 18 Mark packet General HTB..... | 46 |

| | |
|--|----|
| Gambar 4. 19 mark packets Action HTB | 47 |
| Gambar 4. 20 Grafik Throughput | 49 |
| Gambar 4. 21 Grafik Packet Loss..... | 50 |
| Gambar 4. 22 Grafik Delay | 52 |
| Gambar 4. 23 Grafik Jitter..... | 53 |