

LIST OF FIGURE

Figure 2.1. RIP Workflow.....	7
Figure 2.2. Split Horizon Method	9
Figure 2.3. RIP Routing Loop	9
Figure 2.4. Comparison of IPv4 & IPv6 Headers	12
Figure 2.5. New capacity on 802.11ax	14
Figure 2.6. Simple Enterprise Private Network Architecture	16
Figure 3.1. Simulation Topology Draft	24
Figure 3.2. General Model of Stub Sub-Network Strategy.....	26
Figure 3.3. TCP/IP Layer Approach Configuration.....	27
Figure 3.4. Simulation Scenario Flow	29
Figure 4.1. Simulation log.....	33
Figure 4.2. Description of frame drop 1	33
Figure 4.3. SRC-ACE-DST link and CE drop link.....	34
Figure 4.4. Description of frame drop 2	34
Figure 4.5. Link Src-ACDE-Dst and drop link BC	34
Figure 4.6. Description of frame drop 3	35
Figure 4.7. Link Src-ABDE-Dst.....	35
Figure 4.8. RIPng Convergence	35
Figure 4.9. Routing Frame Throughput.....	37
Figure 4.10. Routing Packet Loss.....	37
Figure 4.11. Routing Packet Delay & Jitter.....	38
Figure 4.12. Total Frames vs Frame Loss	39

Figure 4.13. RIPng SH vs no SH Frame distribution	39
Figure 4.14. RIPng Frame Distribution	41
Figure 4.15. Convergence link	42
Figure 4.16. Index & Difference	43
Figure 4.17. Frame & Load Distribution	43