

LIST OF FIGURES

Figure 1.1 Methodology scheme.....	5
Figure 2.1 Visual model of cloud computing[14].	6
Figure 2.2 NIST Cloud Computing Security Architecture Approach[15].....	10
Figure 2.3 Occurrence of failure[16].	11
Figure 3.1 Research Framework.	27
Figure 3.2 Topology of system.	29
Figure 3.3 Topology of the multicloud.	30
Figure 3.4 Topology of the multiregion.....	31
Figure 3.5 Topology of the samezone.....	32
Figure 3.6 Flowchart of multicloud provider.....	35
Figure 3.7 Flowchart of multiregion.....	36
Figure 3.8 Flowchart the same zone	37
Figure 3.9 Bandwidth speedtest [25]	41
Figure 3.10 Bandwidth fast[25].	41
Figure 3.11 Log in Cloudflare[26].....	50
Figure 3.12 Adding record DNS [26].	50
Figure 3.13 Web browser and domain access [27].	51
Figure 4.1 Graph of delay measurement results.	56
Figure 4.2 Data transfer rate.....	58
Figure 4.3 Measurement wireshark.....	59
Figure 4.4 Graph of throughput measurement results.....	60

Figure 4.5 Frontend availability graph [32].	63
Figure 4.6 Measurement availability backend graph [32].	64
Figure 4.7 Downtime report [32].	65
Figure 4.8 Overall outage details [32]......	66
Figure 4.9 Monitor wise outage details [32].	66
Figure 4.10 Overall CRI score comparison, year of 2018-2020 [33].	68