CYBR3010 Cybersecurity Foundations – Layer 3 and Layer 4 Security Lab Marking Guide

Lab Documentation

Task	Criteria	Points					
Network Build Overview	Explanation of your network topology	0	2	4	6	8	10
VLAN Interfaces	Documentation of virtual firewall with proper VLAN interfaces Configuration.	0	2	4	6	8	10
IP Address Configuration	Documentation of IP addressing on the firewall	0	2	4	6	8	10
Attack	Explanation of each identified vulnerability and its potential impact.	0	1	2	3	4	5
Prevention & Mitigation	Explanation of security measures taken to mitigate each identified vulnerability.	0	1	2	3	4	5
Test results	Before and after scenarios	0	1	2	3	4	5
DHCP Configuration	Documentation of DHCP Pools for each VLAN.	0	2	4	6	8	10
NAT Configuration	Documentation of NAT Internet access configuration.	0	1	2	3	4	5
Network Diagram	The diagram is detailed and clearly represents the network setup.	0	2	4	6	8	10
Organization	Follow CYBR3010 Documentation Standards	0	3	6	9	12	15
Lab Assessment Questions	Responses are technically accurate, show clear understanding of networking concepts and all sources are cited properly.	0	3	6	9	12	15

Total:

100