CSA -0735 Ssignment-5 Name: a. Prashanth (Reg No: 192524072.)

a)	Design fixewall rules to block facebook and.
	allow research braffic.
	Priority Source Destination.
	Lab subnet fact book. Com.
	Priority Source Destination service/Port Action.
	Labsubnat facebook-lowIPs Any Deny
Contained Services	2. Lab subnet 114.240.0.016 2
	3. Lab subnet Posearch servers Ang Allow
S'ESSOREMENT DE LE COMMENT DE	Lab subnot incertal
New Sold California and sections	Any Any
	A STATE OF THE STA
(Rotal Cacallate total delay in packet processing:
b).	(acaucie 10 ms.)
	o Rule processing. Ame
	A August 100 - 100
	Potal Delay = 100 x lms = 100ms pes packet
	Company of the same of the sam

C. Recommed rule optimization techniques. 1. Place most frequently metched sules cet the top. eg (block · facebook first) Combine rules using subnets instead of multiple un object groups (eg group all social media 1Ps) 4. Remove redundant or shadowed rules. 5. Implement policy - based mouting for nesearch taffic to bypans unnersary checks. d: Suggest logging policies for compliance. 1. Log only denied traffic to reduce stronge overhead. Enable loggin & Soi security - entical sules. Store logs centrally using syslog or SIEM. 3. Apply log rotation and retention policies (og Keep 90 db Ansnymize student desta for privacy complance.