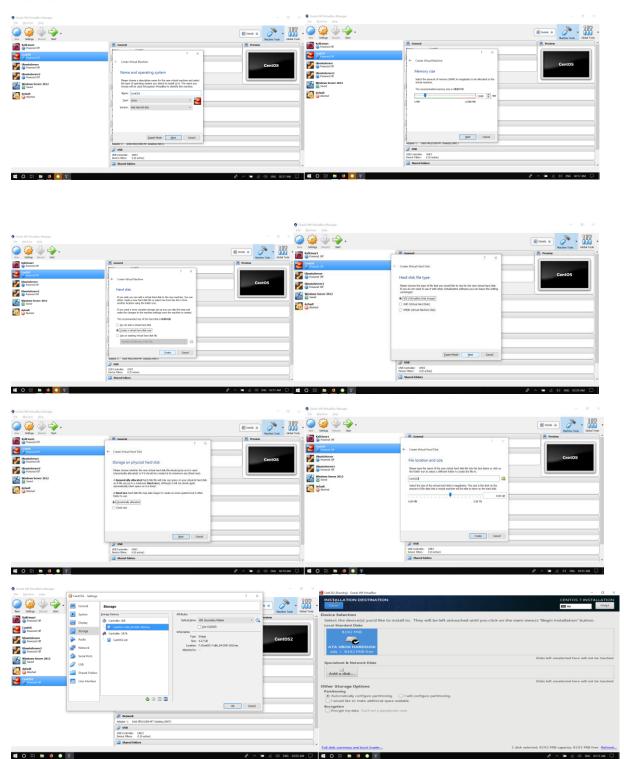
EECS 3482

Lab 6

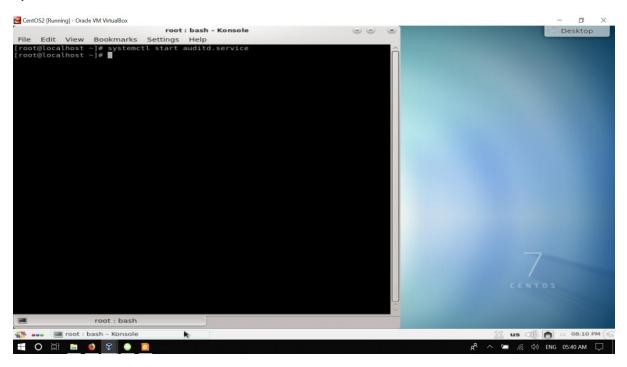
Name: AKALPIT SHARMA

id: 212650628

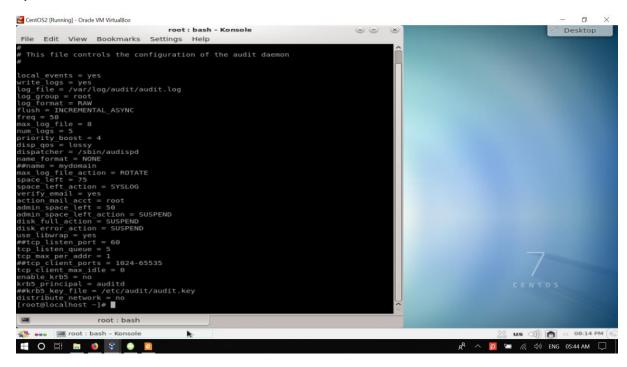
Q1, Q2, Q3



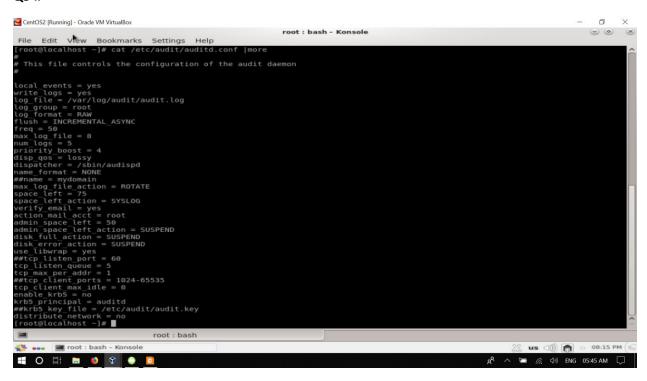


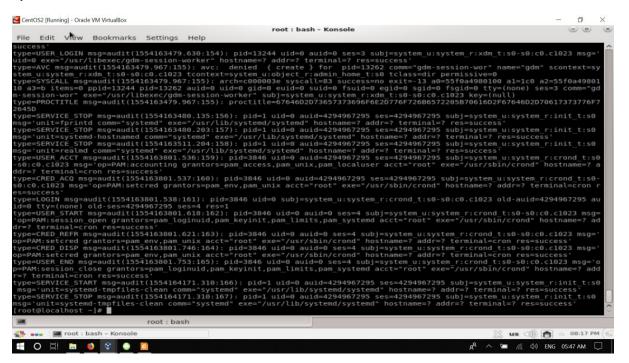


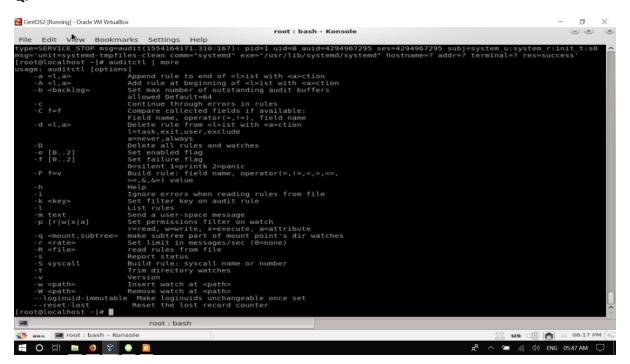
Q5 i

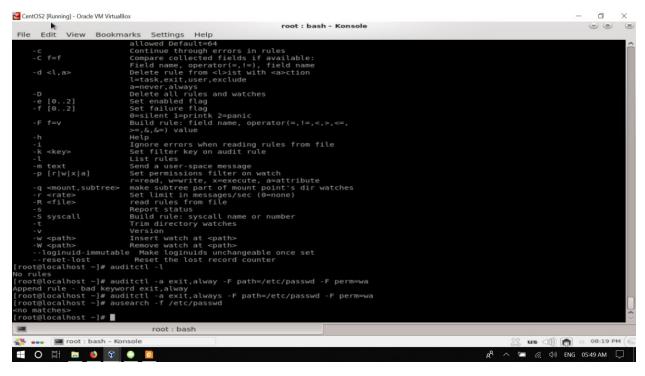


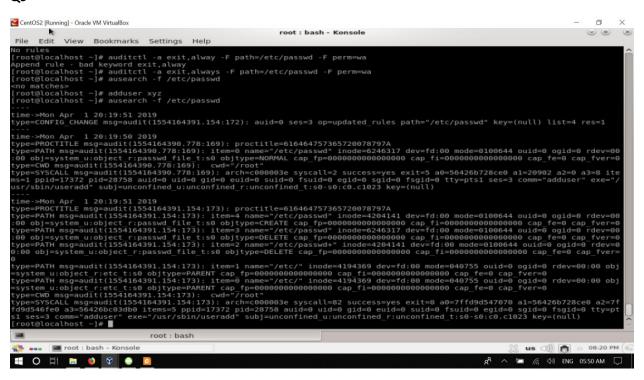
Q5 ii

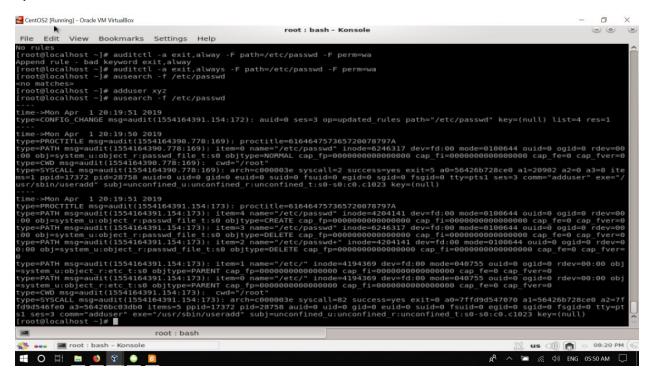


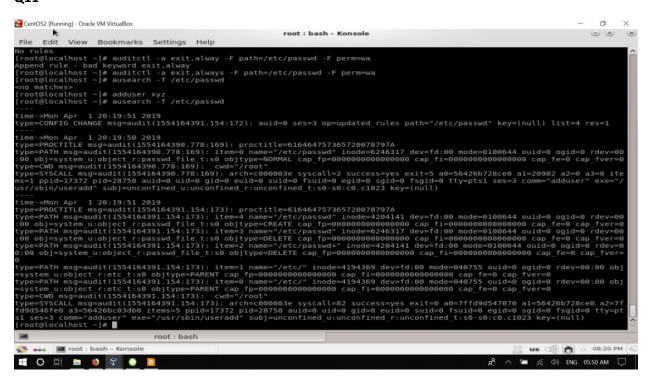


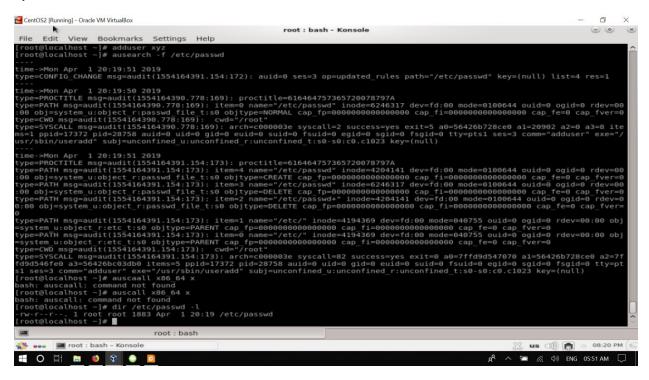


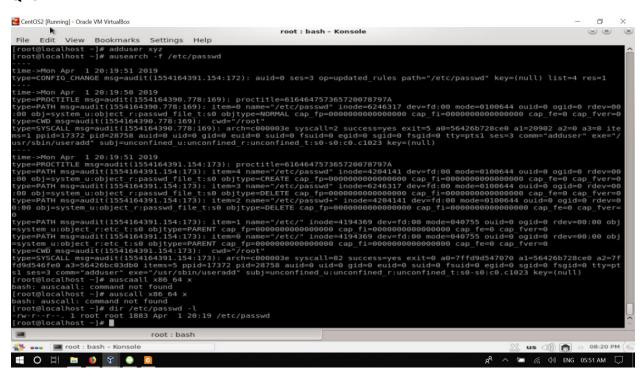


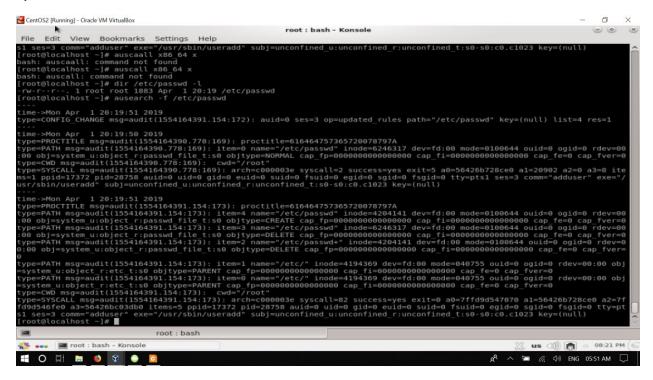


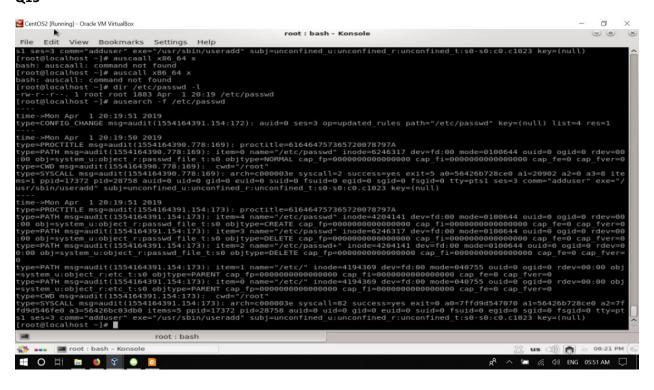












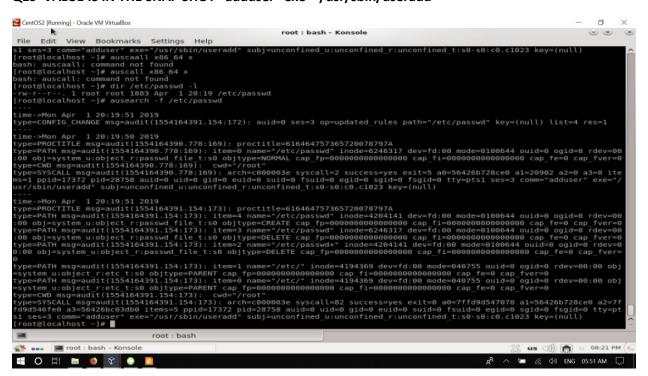
Q16 AND Q17

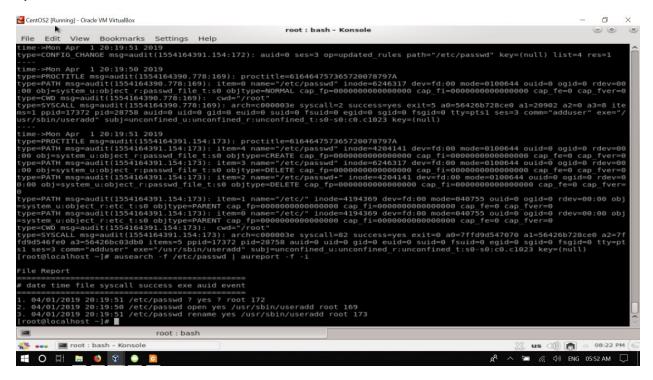
```
iroot@localhost ~]# cd /etc
iroot@localhost etc]# chmod 640 passwd
iroot@localhost etc]# dir /etc/passwd -l
-rw-r----. 1 root root 926 Mar 27 16:49 /etc/passwd
iroot@localhost etc]#
```

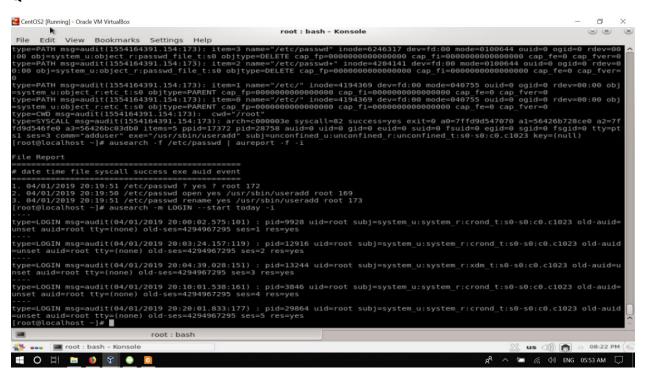
Q18



Q19 VALUE IS IN THE SNAP SHOT "adduser" exe="/usr/sbin/useradd"







Part 2: Introduction to Snort IDSs Rules:

- Q1.1: The " \rightarrow " symbol is used to indicate traffic from internal network to external network.
- Q1.2: The "<- ->"" symbol is used to indicate bidirectional traffic between internal and external networks.
- Q1.3: The "<-" symbol is used to indicate traffic from external to internal networks.
- Q2.1: All hosts in the internal network are: Ipvar HOME_NET
- Q2.2: All hosts in the external network are: Ipvar EXTERNAL_NET
- Q2.3: Ipvar net100 [192.168.1.0/24, 10.1.1.0] is the variable net100 for the 192.168.1.0
- Q2.4: Ipvar clientA[192.168.0.1 ,10.0.1.1] is declared as clientA which has IP as 192.168.0.1 and 10.0.1.1
- Q3.1: Ipvar HTTP_SERVERS \$HOME_NET declares all web servers
- Q3.2: Ipvar SMTP_SERVERS \$HOME_NET declares all E-mail servers
- Q3.3: Ipvar DNS_SERVERS \$HOME_NET declares all DNS servers
- Q3.4: Ipvar SSH_SERVERS \$HOME_NET declares all secure shell servers
- Q3.5: Ipvar FTS_SERVERS \$HOME_NET declares all file servers
- Q3.6: Ipvar TELNET_SERVERS \$HOME_NET declares all IP telephony servers
- Q4.1: portvar HTTP_PORTS [80, 8080] are port number webservers run on
- Q4.2: portvar SHELLCODE PORTS!80 represents ports of SHELLCODE type
- Q4.3: The lists of ports that you need to look for SSH connections are port 22 and 26
- Q4.4: portvar REGISTRATION PORTS[0:1024]
- Q5.1: alert tcp any any -> any 80 (content: !"GET";)
- Q5.2: alert tcp EXTERNAL_NET any -> EXTERNAL_NET any (msg: "Backdoor signature was detected Subseven Trojan";content:
- "0d0a5b52504c5d3030320d0a";reference:arachnids,485;)
- Q5.3: log tcp !192.168.1.0/24 any $2 \rightarrow 192.168.1.0/24 23$