Team 1

TOOL06A

To the Information Network team:

I am writing to report on the work being done to document and restrict packet flows to only the expected level and type of traffic. The objective of this was to ensure that the company network is not being used for illegal or unprofessional purposes.

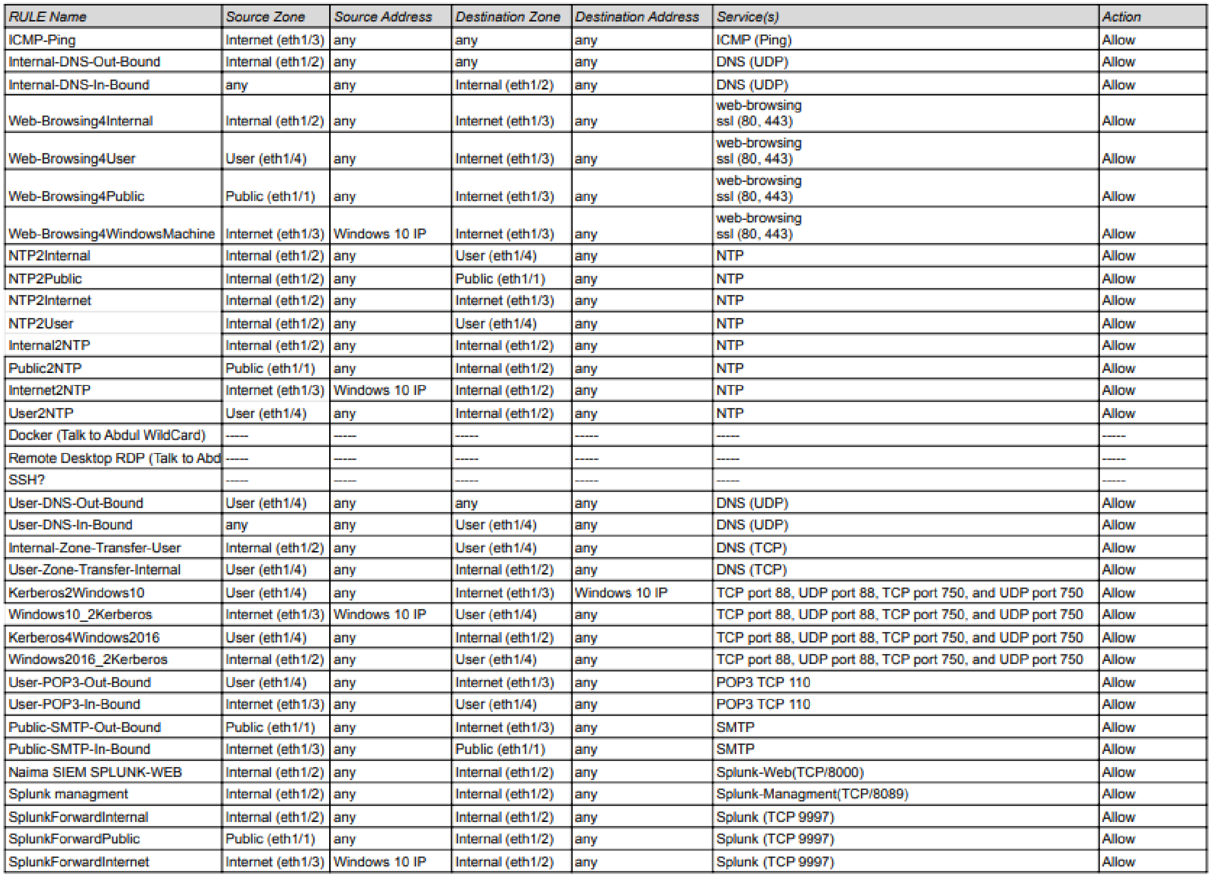
In order to achieve this objective, the firewall team has documented the construction of their ACL list in order to control which networks get what traffic, and will only allow what is necessary to do their work through the firewall.

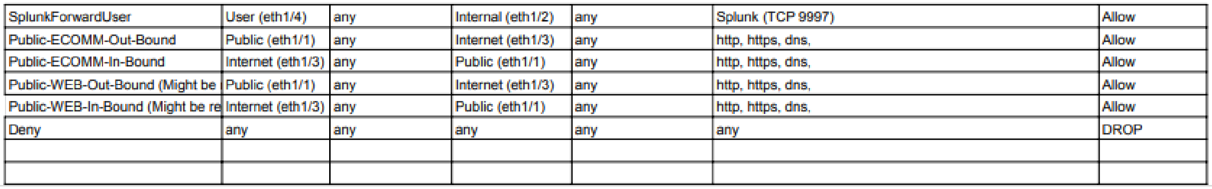
Please find attached a screenshot of the ACL list used to create the firewall and packet filtering.

If you have any questions or need further information, please do not hesitate to reach out.

Best regards,

Group 1





RULE Name	Source Zone	Source Address	Destination Zone	Destination Address	Service(s)	Action
ICMP-Ping	Internet (eth1/3)	any	any	any	ICMP (Ping)	Allow
Internal-DNS-Out-Bound	Internal (eth1/2)	any	any	any	DNS (UDP)	Allow
Internal-DNS-In-Bound	any	any	Internal (eth1/2)	any	DNS (UDP)	Allow
Web-Browsing4Internal	Internal (eth1/2)	any	Internet (eth1/3)	any	web-browsing ssl (80, 443)	Allow
Web-Browsing4User	User (eth1/4)	any	Internet (eth1/3)	any	web-browsing ssl (80, 443)	Allow
Web-Browsing4Public	Public (eth1/1)	any	Internet (eth1/3)	any	web-browsing ssl (80, 443)	Allow
Web-Browsing4WindowsMachine	Internet (eth1/3)	Windows 10 IP	Internet (eth1/3)	any	web-browsing ssl (80, 443)	Allow
NTP2Internal	Internal (eth1/2)	any	User (eth1/4)	any	NTP	Allow
NTP2Public	Internal (eth1/2)	any	Public (eth1/1)	any	NTP	Allow
NTP2Internet	Internal (eth1/2)	any	Internet (eth1/3)	any	NTP	Allow
NTP2User	Internal (eth1/2)	any	User (eth1/4)	any	NTP	Allow
Internal2NTP	Internal (eth1/2)	any	Internal (eth1/2)	any	NTP	Allow
Public2NTP	Public (eth1/1)	any	Internal (eth1/2)	any	NTP	Allow
Internet2NTP	Internet (eth1/3)	Windows 10 IP	Internal (eth1/2)	any	NTP	Allow
User2NTP	User (eth1/4)	any	Internal (eth1/2)	any	NTP	Allow
Docker (Talk to Abdul WildCard)	-----	-----	-----	-----	-----	-----
Remote Desktop RDP (Talk to Abd	-----	-----	-----	-----	-----	-----
SSH?	-----	-----	-----	-----	-----	-----
User-DNS-Out-Bound	User (eth1/4)	any	any	any	DNS (UDP)	Allow
User-DNS-In-Bound	any	any	User (eth1/4)	any	DNS (UDP)	Allow
Internal-Zone-Transfer-User	Internal (eth1/2)	any	User (eth1/4)	any	DNS (TCP)	Allow
User-Zone-Transfer-Internal	User (eth1/4)	any	Internal (eth1/2)	any	DNS (TCP)	Allow
Kerberos2Windows10	User (eth1/4)	any	Internet (eth1/3)	Windows 10 IP	TCP port 88, UDP port 88, TCP port 750, and UDP port 750	Allow
Windows10_2Kerberos	Internet (eth1/3)	Windows 10 IP	User (eth1/4)	any	TCP port 88, UDP port 88, TCP port 750, and UDP port 750	Allow
Kerberos4Windows2016	User (eth1/4)	any	Internal (eth1/2)	any	TCP port 88, UDP port 88, TCP port 750, and UDP port 750	Allow
Windows2016_2Kerberos	Internal (eth1/2)	any	User (eth1/4)	any	TCP port 88, UDP port 88, TCP port 750, and UDP port 750	Allow
User-POP3-Out-Bound	User (eth1/4)	any	Internet (eth1/3)	any	POP3 TCP 110	Allow
User-POP3-In-Bound	Internet (eth1/3)	any	User (eth1/4)	any	POP3 TCP 110	Allow
Public-SMTP-Out-Bound	Public (eth1/1)	any	Internet (eth1/3)	any	SMTP	Allow
Public-SMTP-In-Bound	Internet (eth1/3)	any	Public (eth1/1)	any	SMTP	Allow
Naima SIEM SPLUNK-WEB	Internal (eth1/2)	any	Internal (eth1/2)	any	Splunk-Web(TCP/8000)	Allow
Splunk managment	Internal (eth1/2)	any	Internal (eth1/2)	any	Splunk-Managment(TCP/8089)	Allow
SplunkForwardInternal	Internal (eth1/2)	any	Internal (eth1/2)	any	Splunk (TCP 9997)	Allow
SplunkForwardPublic	Public (eth1/1)	any	Internal (eth1/2)	any	Splunk (TCP 9997)	Allow
SplunkForwardInternet	Internet (eth1/3)	Windows 10 IP	Internal (eth1/2)	any	Splunk (TCP 9997)	Allow
SplunkForwardUser	User (eth1/4)	any	Internal (eth1/2)	any	Splunk (TCP 9997)	Allow
Public-ECOMM-Out-Bound	Public (eth1/1)	any	Internet (eth1/3)	any	http, https, dns,	Allow
Public-ECOMM-In-Bound	Internet (eth1/3)	any	Public (eth1/1)	any	http, https, dns,	Allow
Public-WEB-Out-Bound (Might be	Public (eth1/1)	any	Internet (eth1/3)	any	http, https, dns,	Allow
Public-WEB-In-Bound (Might be re	Internet (eth1/3)	any	Public (eth1/1)	any	http, https, dns,	Allow
Deny	any	any	any	any	any	DROP