

Lab 3: More Data

- Auth logs are interesting, but let's add something else
- Start by making iptables log (allthethings)

```
iptables -I INPUT 1 -j LOG iptables -I FORWARD 1 -j LOG iptables -I OUTPUT 1 -j LOG
```

root@ip-10-13-133-189:/# iptables -I INPUT 1 -j LOG
root@ip-10-13-133-189:/# iptables -I FORWARD 1 -j LOG
root@ip-10-13-133-189:/# iptables -I OUTPUT 1 -j LOG

```
root@ip-10-13-133-189:/# tail /var/log/syslog
Apr 4 17:02:10 ip-10-13-133-189 kernel: [98128.748024] IN=eth0 OUT= MAC=02:a1:70:c9:97:82:02:50:fa:5b:ed:65:08:00 SRC=74.114.47.33 DST
=10.13.133.189 LEN=88 TOS=0x10 PREC=0x00 TTL=43 ID=14290 DF PROT0=TCP SPT=13249 DPT=22 WINDOW=4096 RES=0x00 ACK PSH URGP=0
Apr 4 17:02:10 ip-10-13-133-189 kernel: [98128.748490] IN= OUT=eth0 SRC=10.13.133.189 DST=74.114.47.33 LEN=96 TOS=0x10 PREC=0x00 TTL=6
4 ID=54513 DF PROTO=TCP SPT=22 DPT=13249 WINDOW=300 RES=0x00 ACK PSH URGP=0
Apr 4 17:02:10 ip-10-13-133-189 kernel: [98128.772043] IN=eth0 OUT= MAC=02:a1:70:c9:97:82:02:50:fa:5b:ed:65:08:00 SRC=74.114.47.33 DST
=10.13.133.189 LEN=52 TOS=0x10 PREC=0x00 TTL=43 ID=58252 DF PROTO=TCP SPT=13249 DPT=22 WINDOW=4094 RES=0x00 ACK URGP=0
Apr 4 17:02:11 ip-10-13-133-189 kernel: [98129.171324] IN-eth0 OUT- MAC-02:a1:70:c9:97:82:02:50:fa:5b:ed:65:08:00 SRC=74.114.47.33 DST
=10.13.133.189 LEN=88 TOS=0x10 PREC=0x00 TTL=43 ID=19418 DF PROT0=TCP SPT=13249 DPT=22 WINDOW=4096 RES=0x00 ACK PSH URGP=0
Apr 4 17:02:11 ip-10-13-133-189 kernel: [98129.171782] IN= OUT=eth0 SRC=10.13.133.189 DST=74.114.47.33 LEN=96 TOS=0x10 PREC=0x00 TTL=6
4 ID=54514 DF PROTO=TCP SPT=22 DPT=13249 WINDOW=300 RES=0x00 ACK PSH URGP=0
Apr 4 17:02:11 ip-10-13-133-189 kernel: [98129.197361] IN=eth0 OUT= MAC=02:a1:70:c9:97:82:02:50:fa:5b:ed:65:08:00 SRC=74.114.47.33 DST
=10.13.133.189 LEN=52 TOS=0x10 PREC=0x00 TTL=43 ID=49606 DF PROTO=TCP SPT=13249 DPT=22 WINDOW=4094 RES=0x00 ACK URGP=0
Apr 4 17:02:11 ip-10-13-133-189 kernel: [98129.497849] IN=eth0 OUT= MAC=02:a1:70:c9:97:82:02:50:fa:5b:ed:65:08:00 SRC=74.114.47.33 DST
=10.13.133.189 LEN=1041 TOS=0x00 PREC=0x00 TTL=43 ID=34446 DF PROT0=TCP SPT=16774 DPT=8000 WINDOW=4096 RES=0x00 ACK PSH URGP=0
Apr 4 17:02:11 ip-10-13-133-189 kernel: [98129.499353] IN= OUT=eth0 SRC=10.13.133.189 DST=74.114.47.33 LEN=813 TOS=0x00 PREC=0x00 TTL=
64 ID=9262 DF PROTO=TCP SPT=8000 DPT=16774 WINDOW=853 RES=0x00 ACK PSH URGP=0
```



Time to Bring on Some More Data

Let's do this the hard(er) way

- root@ip-10-13-133-189:/# cd /opt/splunk/etc/apps/search/local
 root@ip-10-13-133-189:/opt/splunk/etc/apps/search/local# vim inputs.conf
- Open your inputs.conf from the previous exercise
- Add an inputs stanza for the file containing iptables logs
- Restart Splunk

```
[monitor://var/log/auth.log]
disabled = false
host = my_hostname
index = os
sourcetype = linux_secure

[monitor:///var/log/syslog]
disabled = false
host = my_hostname
index = os
sourcetype = syslog
```



Now We Have iptables Logs:

