# GRID-SIEM SD GROUP 29 SPRING '24

Trent Bickford Westin Chamberlain Ella Cook Daniel Ocampo

## Security Onion Work

- Launched a ping to see where the alert ends up in SOC
- Tools in the dashboard allow to see details like source, destination, message, and time

	Count 🚽	rule.name 👕	event.module	event.severity_label
<b>.</b>	104	ET INFO Observed Cloudflare DNS over HTTPS Domain (cloudflare-dns .com in TLS SNI)	suricata	low
<b>.</b>	8	GPL ICMP_INFO PING *NIX	suricata	low
		Rows pe	er page: 50 🔻	1-2 of 2 < >

✓ ▲ 2024-02-21 09:54:51.672 +	+00:00 192.168.1.111 47326 172.64.41.4 443 ET INFO Observed Cloudflare DNS over HTTPS Domain (cloudflare-dns .com in TLS SNI) Misc activity
📚 @timestamp	2024-02-21T09:54:51.672Z
📚 @version	1
📚 data_stream.dataset	suricata
📚 data_stream.namespace	50
📚 data_stream.type	logs
📚 destination.geo.continent_name	North America
destination.geo.country_iso_code	US
destination.geo.country_name	United States
📚 destination.geo.ip	172.64.41.4
📚 destination.geo.location.lat	37.751
📚 destination.geo.location.lon	-97.822
📚 destination.geo.timezone	America/Chicago
📚 destination.ip	172.64.41.4
📚 destination.port	443
📚 destination_geo.asn	13335

## Security Onion Work

- Looking at the dashboard, the source for the files look like a docker
- Checked the dockers and that may be where the logs are being stored

<pre>soc_type</pre>	
soc_timestamp	2024-02-21T09:45:10.486Z
soc_source	ubuntu-vm-master-120:.ds-logs-zeek-so-2024.02.14-000004

ghcr.io/security-onion-solutions/so-zeek	2.4.20	5131d05b4e17	4 months ago	1.66GB
ubuntu-vm-master-120:5000/security-onion-solutions/so-zeek	2.4.20	5131d05b4e17	4 months ago	1.66GB
ghcr.io/security-onion-solutions/so-influxdb	2.4.20	bb1b78726766	4 months ago	474MB
ubuntu-vm-master-120:5000/security-onion-solutions/so-influxdb	2.4.20	bb1b78726766	4 months ago	474MB
ghcr.io/security-onion-solutions/so-strelka-backend	2.4.20	6111e543c635	4 months ago	2.63GB
ubuntu-vm-master-120:5000/security-onion-solutions/so-strelka-backend	2.4.20	6111e543c635	4 months ago	2.63GB
ghcr.io/security-onion-solutions/so-suricata	2.4.20	726c778cda2d	4 months ago	845MB
ubuntu-vm-master-120:5000/security-onion-solutions/so-suricata	2.4.20	726c778cda2d	4 months ago	845MB
ghcr.io/security-onion-solutions/so-elastic-fleet-package-registry	2.4.20	20a389014777	4 months ago	600MB

### **ML Updates**

#### • Got script to run with help from Westin

• Yesterday

#### Next Steps

- Need to work on accuracy of the script and running the proper conn.logs through it
- Need to focus on getting multiple logs to run through and then analyze since it is currently running based on the specific path to a single particular log
- Need to add functionality to ingest zipped logs since it required unzipping the logs before ingestion

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1	1.00	1.00	1.00	3	
2	1.00	1.00	1.00	3	
3	1.00	1.00	1.00	30	
accuracy			1.00	43	
macro avg	1.00	1.00	1.00	43	
weighted avg	1.00	1.00	1.00	43	
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# Attacking updates

### Format for running a task

- \$action = New-ScheduledTaskAction Execute 'Powershell.exe' Argument '- ExecutionPolicy Bypass File "C:\path\to\your\script\MyScript.ps1"
- \$trigger = New-ScheduledTaskTrigger Daily At 3am
- \$settings = New-ScheduledTaskSettingsSet Hidden StartWhenAvailable
- Register-ScheduledTask -TaskName "MyScheduledTask" Action \$action -Trigger \$trigger -Settings \$settings Description "This task runs MyScript.ps1 daily at 3am"

### With this I could run automatic attacks from the internal machines

Powershell script would look like

- Start-Process – FilePath "C:\path\to\file.exe" - NoNewWindow

# **Attacking Questions**

- What should I aim for when developing future attacks?

   Less stuff with establishing permanence on internal systems?
   More stuff from the kali box?
- What attacks would you recommend attempting?
- Any updates on caldera?
- Still cant ping or attack substation 2