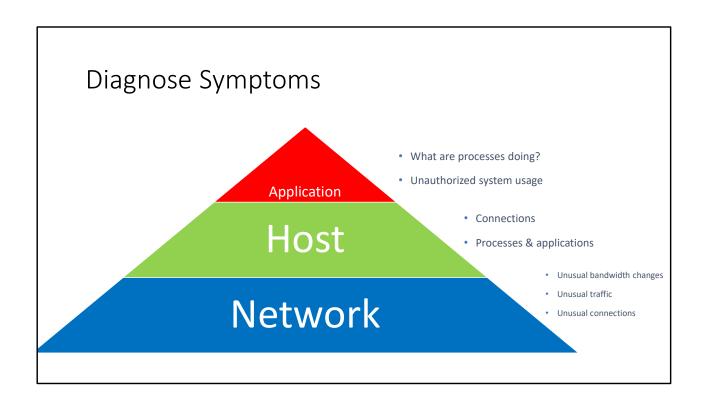


Objective: 4.3 Given an incident, analyze potential indicators of compromise.

- Network-related
- Bandwidth consumption
- Beaconing
- Irregular peer-to-peer communication
- Rogue device on the network
- Scan/sweep
- Unusual traffic spike
- Common protocol over non-standard port



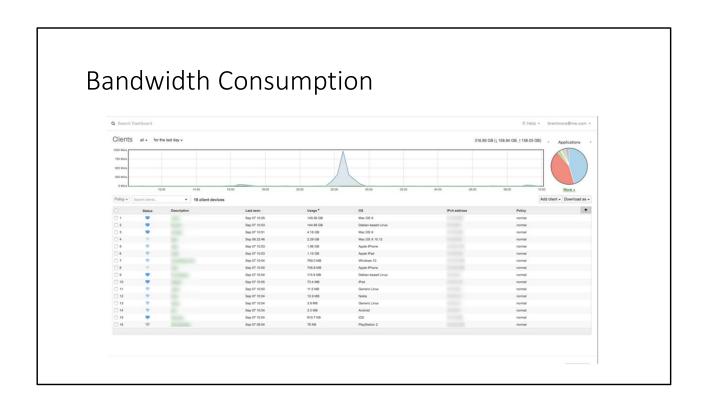




Network-Related Symptoms

- Bandwidth consumption
- Traffic spikes
- Traffic irregularities







Network-Related Symptoms

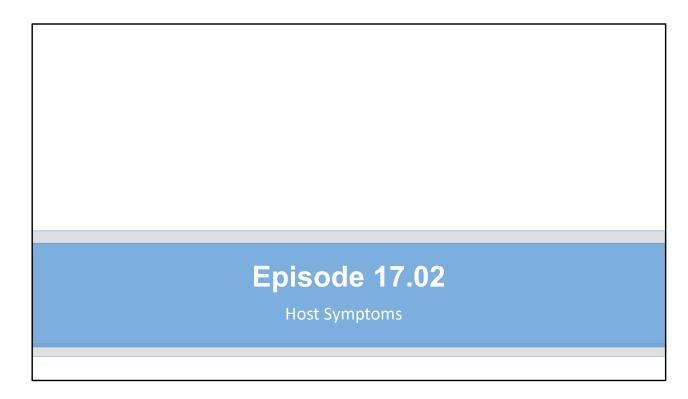
- Beaconing
- Peer-to-peer communications
- Rogue devices
- Scan sweeps



Scan Sweep

Time	Source	Destination	Protocol	Length	Info			
T. 990TA	00:000 VIIIWal'e_4a:00:30	RL.OGUCA2 C	AKP	42	MLIO	fld5	192.100.192.102:	IGI1 TAT' TOO' TAT' O
1.88528	900 Vmware_4a:58:30	Broadcast	ARP	42	Who	has	192.168.192.163?	Tell 192.168.192.6
1.88540	0000 Vmware_4a:58:30	Broadcast	ARP	42	Who	has	192.168.192.164?	Tell 192.168.192.6
1.88555	900 Vmware_4a:58:30	Broadcast	ARP	42	Who	has	192.168.192.165?	Tell 192.168.192.6
1.88566	200 Vmware_4a:58:30	Broadcast	ARP	42	Who	has	192.168.192.166?	Tell 192.168.192.6
1.88574	400 Vmware_4a:58:30	Broadcast	ARP	42	Who	has	192.168.192.167?	Tell 192.168.192.6
1.88583	400 Vmware_4a:58:30	Broadcast	ARP	42	Who	has	192.168.192.168?	Tell 192.168.192.6
1.88591	.000 Vmware_4a:58:30	Broadcast	ARP	42	Who	has	192.168.192.169?	Tell 192.168.192.6
1.88601	.800 Vmware_4a:58:30	Broadcast	ARP	42	Who	has	192.168.192.170?	Tell 192.168.192.6
1.88610	0000 Vmware_4a:58:30	Broadcast	ARP	42	Who	has	192.168.192.171?	Tell 192.168.192.6
1.88618	800 Vmware_4a:58:30	Broadcast	ARP	42	Who	has	192.168.192.172?	Tell 192.168.192.6
1.88626	800 Vmware_4a:58:30	Broadcast	ARP	42	Who	has	192.168.192.173?	Tell 192.168.192.6
1.88643	300 Vmware_4a:58:30	Broadcast	ARP	42	Who	has	192.168.192.174?	Tell 192.168.192.6
1.88654	100 Vmware_4a:58:30	Broadcast	ARP	42	Who	has	192.168.192.175?	Tell 192.168.192.6
1.88663	100 Vmware_4a:58:30	Broadcast	ARP	42	Who	has	192.168.192.176?	Tell 192.168.192.6
1.88671	500 Vmware 4a:58:30	Broadcast	ARP	42	Who	has	192, 168, 192, 177?	Tell 192,168,192,6





Objective: 4.3 Given an incident, analyze potential indicators of compromise.

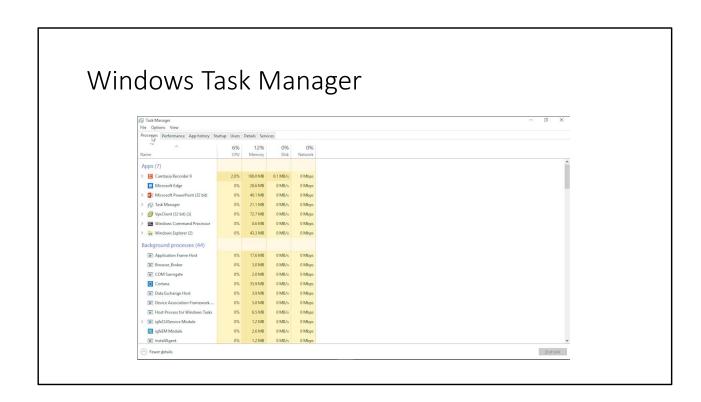
- Host-related
- Processor consumption
- Memory consumption
- Drive capacity consumption
- Unauthorized software
- Malicious process
- Unauthorized change
- Unauthorized privilege
- Data exfiltration
- Abnormal OS process behavior
- File system change or anomaly
- Registry change or anomaly
- Unauthorized scheduled task



Host-Related Symptoms

- Memory consumption
- Disk consumption
- Processor consumption
- Unauthorized applications or processes
- Unauthorized privileges
- Data exfiltration

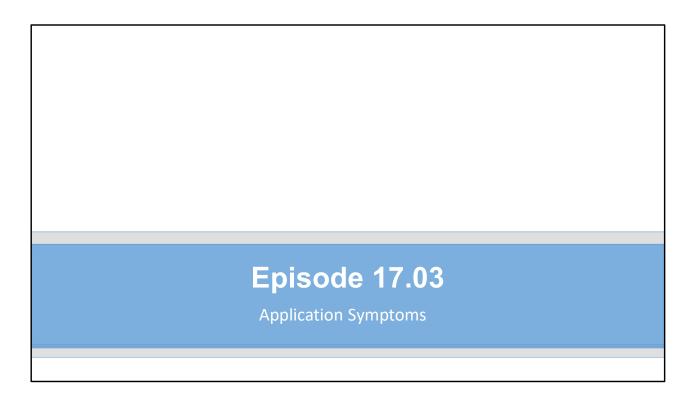












Objective: 4.3 Given an incident, analyze potential indicators of compromise.

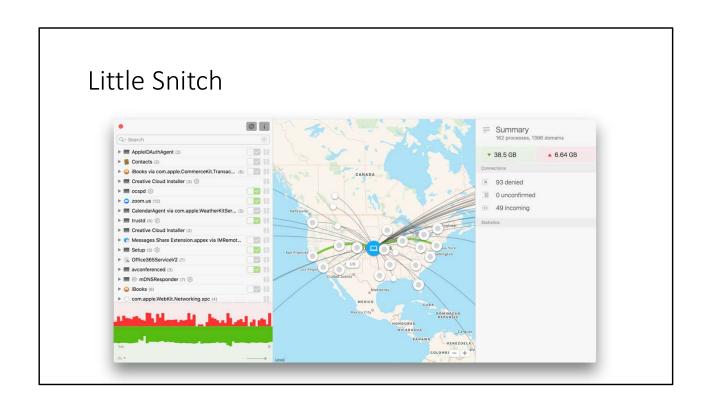
- Application-related
- Anomalous activity
- Introduction of new accounts
- Unexpected output
- Unexpected outbound communication
- Service interruption
- Application log



Application-Related Symptoms

- Anomalous activity
- Unexpected error messages
- Out of memory alerts
- Unexpected outbound transmissions







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