

Tested Scripts

Below will be a table describing our companies implemented security scripts with evidence of function.

Script	Purpose	Image
system_performance.py	 Detects hardware Sends Flags to authorized individuals 	**slertGeneration.py M X
log_analysis.py	 Uses Panda library Flags suspicious activity 	Point performance.log
alertGeneration.py	 Generates alerts to be send to an external file Logs suspicious usage of RAM and CPU 	Abetique 1 2004-11-16 11:199:52 [SEGRITY ALEY] Excessive unachborized access attempts detected. 2 2004-11-16 11:199:52 [RESOURCE ALEY] Excessive NAM use detected. F AlertGenerationTestLogs.t. 1 P021-01-01 12:00:00 123.45.67.89 login failed 2 2021-01-01 12:01:00 321.54.76.98 access unauthorized 3 2021-01-01 12:20:200 423.65.87.00 login succeeded 4 2021-01-01 12:20:00 543.76.98.10 access unauthorized 5 2021-01-01 12:05:00 765.98.10.32 access unauthorized 6 2021-01-01 12:05:00 765.98.10.32 access unauthorized
vuln_scan.py	 Uses NMAP detection Records ports data, IP and other benchmark factors 	on C. (Dissers Upphinterestic Visition Concept Projects Years 30, 153, 221, 193 Starting Imag 2-65, Interest Company on July 200, 40, 155, 1400 Eastern Standard Time Reap Scan report for such electrons.gui.edu (B.151, 221, 133) Next 1s up (0,00028s Intercy), Next 1s up (0,00028s Intercy), Next 35AE SENTIC 135/tcp open nethios-Scan 645/tcp open 645/tcp op



Script	Purpose	Image
system_performance.py	 Detects hardware Sends Flags to authorized individuals 	**System performance.log ***
traffic_moniter.py	 Uses Scapy Python to scan network traffic Inhibits blacklisted IPs from network 	def mock_packets(): packets = [] for i in range(10): packet = Ether() / IP(src="127.0.0.1", dst="123.45.67.89") packet.time = i packets.append(packet) spike_timestamp = 15 for _in range(10): packet = Ether() / IP(src="192.168.1.1", dst="98.76.54.32") packet.time = spike_timestamp packets.append(packet) for i in range (20, 1020): packet = Ether() / IP(src="10.10.10.10", dst="98.76.54.32") packet = in range (20, 1020): packet = in ra