程序代写代做 CS编程辅导Incident Response - Sofacy

Key evolutions

Across all four itera to the sofacy group predominantly used similar tactics and technique tactics and technique tacks, namely:

- Their reliance on **Spear Phishing Attachment (T1193)** as the initial attack vector.
- User Executive (71/23) cartin malisitus today CS
- Process Discovery (T1057), Screen Capture (T1113) and System Information

 Discovery (T1082) to getter system specific in open and Exam Help
- Remote File Copy (T1105) and Standard Application Layer Protocol (T1071) to Email: tutorcs@163.com interact with and copy files from the C2 server.

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However, some key evolutions involve their efforts to avoid being detected. By the last iteration, the Sofacy attribute heavill-thouse Static detection (T1221) and Multi-Stage Channels (T1104) to evade static detection as no typical indicators are present until after the malicious payload is fetched and to obfuscate the C2 channel. Likewise, instead of extending the functionality of their Zebrocy (S0251) and Cannon (S0351) tools, the group opted to focus on delivering the Trojan in variant programming languages in an effort to make detection more difficult. Furthermore, their experimentation with Standard Application Layer Protocol (T1071) is also quite interesting with their usage of an email-based C2 communication channel which would be a difficult C2 channel to detect and act against due to encryption and legitimacy of email services.

Datasets/feeds 程序符写代做 CS编程辅导

Detection of	Data Sources
Initial Access	Det hail gateway, File monitoring, Mail server, Network intrices to the mail gateway and the mail gateway are made and the made a
Execution	Ant the triving on logs, DLL monitoring, Email gateway, File more than the Ls, Netflow/Enclave netflow, Network intrusion determined than the Ls, Process monitoring, web logs, Windows event logs.
Defense Evasion	Binary file metadata, File monitoring, Process command-line parameters, Process no litoling t: CSTUTOTCS
Discovery	API monitoring, AWS CloudTrail logs, Azure activity logs, PowerShell logs, Process command-line parameters, Process monitoring, Stackdriver logs ASSIGNMENT Project Exam Help
Collection	API monitoring, Data loss prevention, File monitoring, Process command-line parameters, Process no itering 2 COM
Command and Control	DNS records, File monitoring, Host network interface, Netflow/Enclave netflow, Network device logs, Network protocol analysis, Packet capture, Process command the parameter, Process monitoring, Process use of network, SSL/TLS inspection.
Exfiltration	Netflow/Enclave netflow, Packet capture, Process monitoring, Process use of network S://tutorcs.com

Static correlation vs User/Entity Behaviour Analysis

The challenge with static correlation lies in the fact that due to the sheer amount of logs generated, SOCs are inundated with noise and false alerts which consequently make detection of adversaries difficult. Using both static correlation and U/EBA aims to overcome these limitations and reduce false positives, helping to eliminate alert fatigue and allowing focus on credible, high-alert risks.

Examples of static correlation rules: 写代做 CS编程辅导 Trigger an alert if:

- A malicious e an attachment is opened. (such as a Microsoft Word docum he internet or spawning Powershell.exe)
- PowerShell/q in PowerShell is executed.
- Command-li in include the could be taken to gather system and network information are executed. (e.g. tasklist, systeminfo, wmic)
- Changes are made to the registry that do not correlate to known software, patch cycles, etc.

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- An unusual process performs sequential file opens and copy actions to another location on the file years for many files as once. 163.com
- Data flow is uncommon. (e.g. significantly more data sent than data received)

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For U/EBA, we would be interested in defining behaviours akin to those that trigger the alerts https://tutorcs.com
listed above (e.g. Trigger an alert if a user executes PowerShell/change in policy to run

PowerShell). Furthermore, although privileged users are the key population of interest within the environment, non-privileged users should not be discounted, as standard accounts are often escalated in privileges.

In regards to responding to these rules, a fair share of these rules are tailored to the Sofacy attacks and can be seen as somewhat effective to respond to in the sense that they mostly trigger on suspect circumstances specific to the nature of the Sofacy attacks. However, some of these rules (e.g. PowerShell and Windows Management Instrumentation) lose their effectiveness if these activities are already commonly used in an environment. In these

and to increase confidence of malicious activity, data and events should not be viewed in isolation but as part up to the could lead to other activities.

As for the interaction and U/EBA, in our case, we could administer static correlation rul

U/EBA to detect unknown behaviour unable to be detected by static correlation such as new advances in the Sofacy campaign. By combining both of these approaches into a hybrid

analytic we are provided insight into patterns of behaviour and an additional context around ASSIGNMENT Project Exam Help known and unknown threats, in conjunction with a more accurate identification of threats.

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Mitigation

In order of priority, QQ: 749389476

- 1. Prevent initial access into your network. The Sofacy group has a heavy reliance on https://tutorcs.com
 Spear Phishing Attachment (T1193) as the initial attack vector. In the best case, initial access would be thwarted and there would be no subsequent activities.
- 2. Prevent the execution of malicious code. Likewise, the Sofacy group has a heavy reliance on User Execution (T1023) and the Command and Scripting Interpreter (T1059) to run malicious code, in which both play a key part in allowing the attack to progress. Preventing execution can thwart further activities.
- 3. Mitigate the impact of **Zebrocy** (**S0251**). The Trojan is a routine key tool in the Sofacy attack for the collection and exfiltration of data. As it's unfeasible to prevent its execution due to its dynamic nature, the next best course of action would be to downplay its impact either by preventing its capabilities or allowing early detection.

