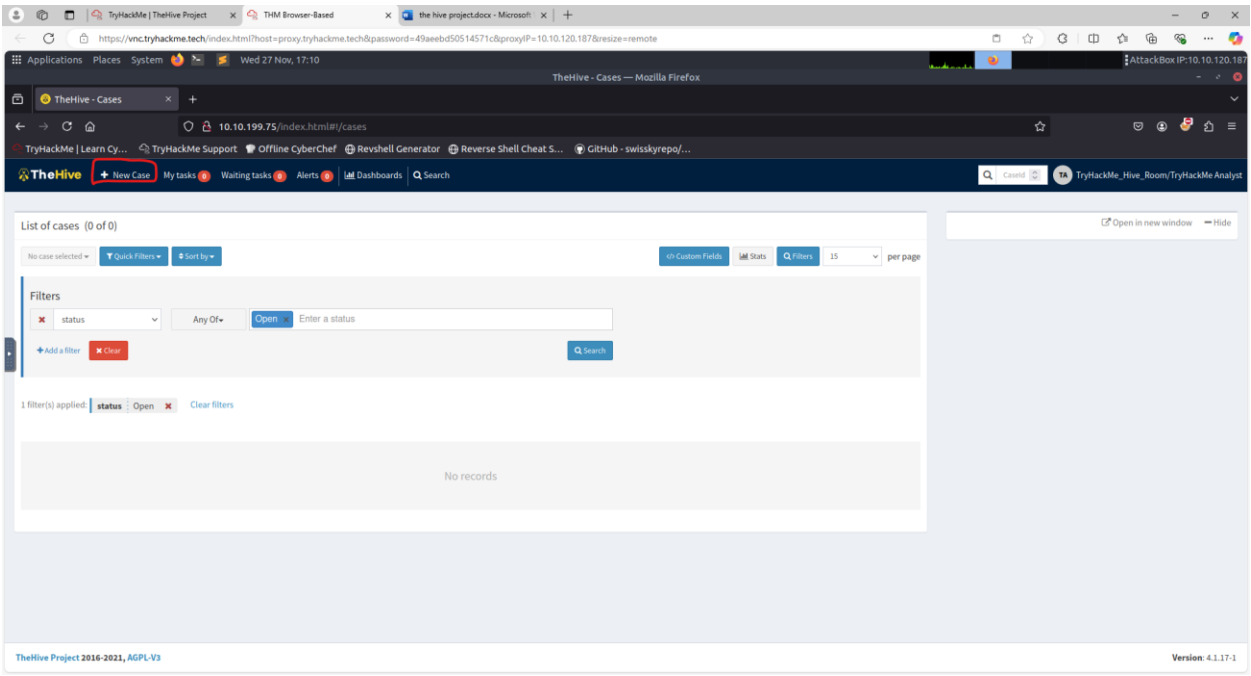
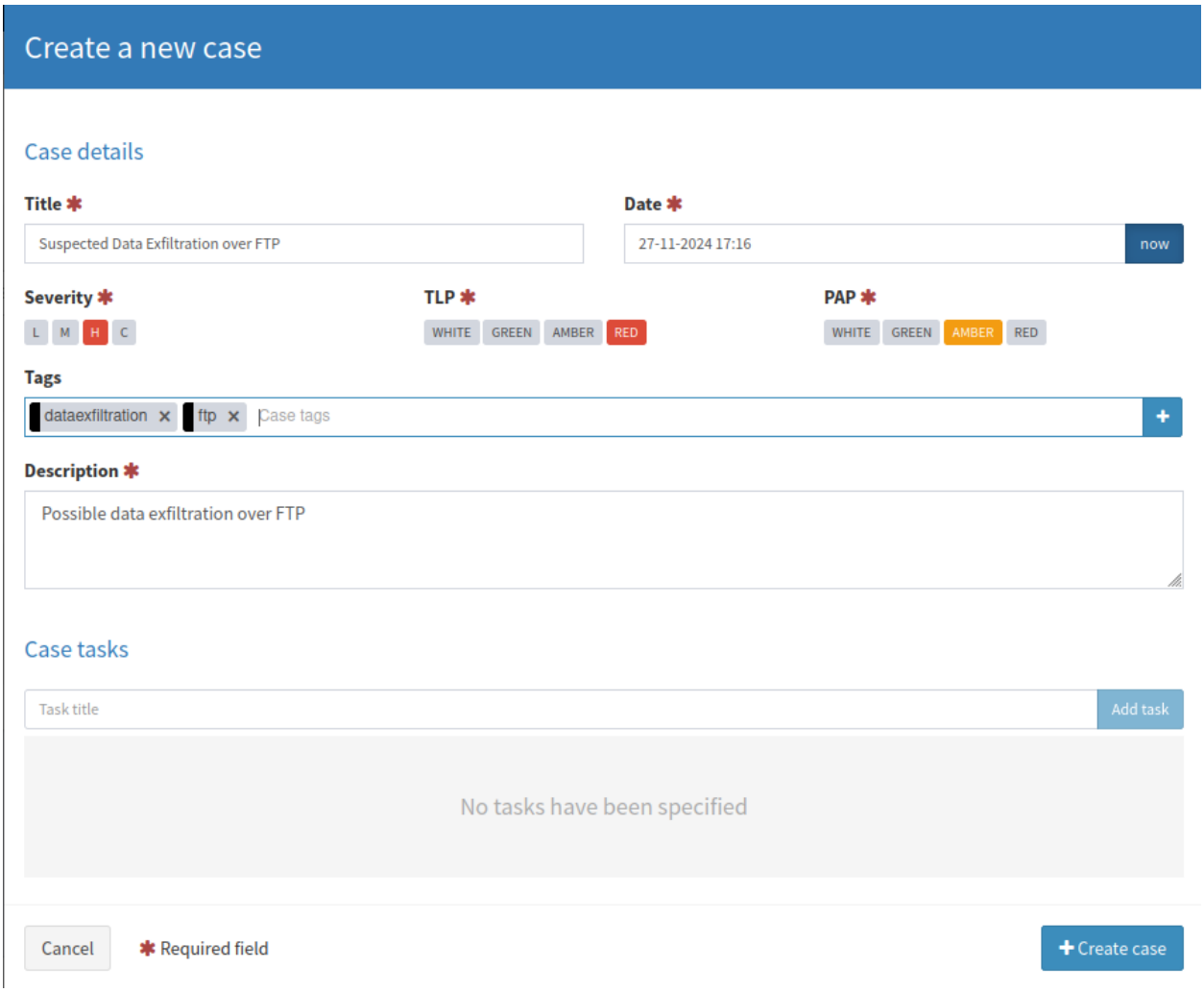
THE HIVE Project

SCENARIO

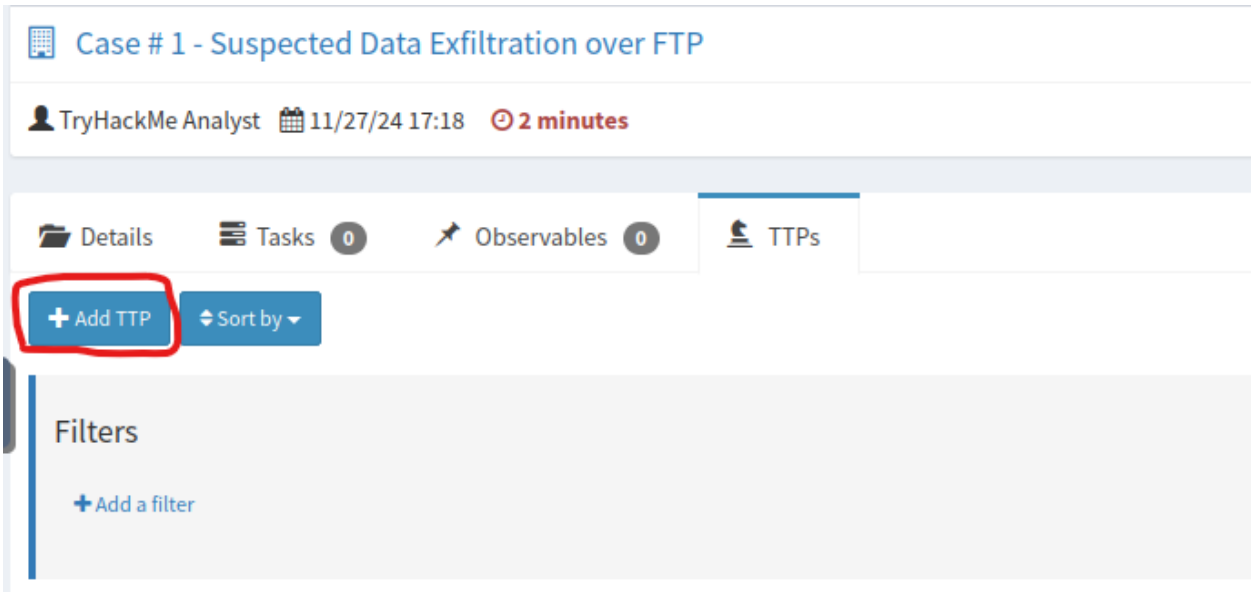
You have captured network traffic on your network after suspicion of data exfiltration being done on the network. This traffic corresponds to FTP connections that were established. Your task is to analyze the traffic and create a case on The Hive to facilitate the progress of an investigation.



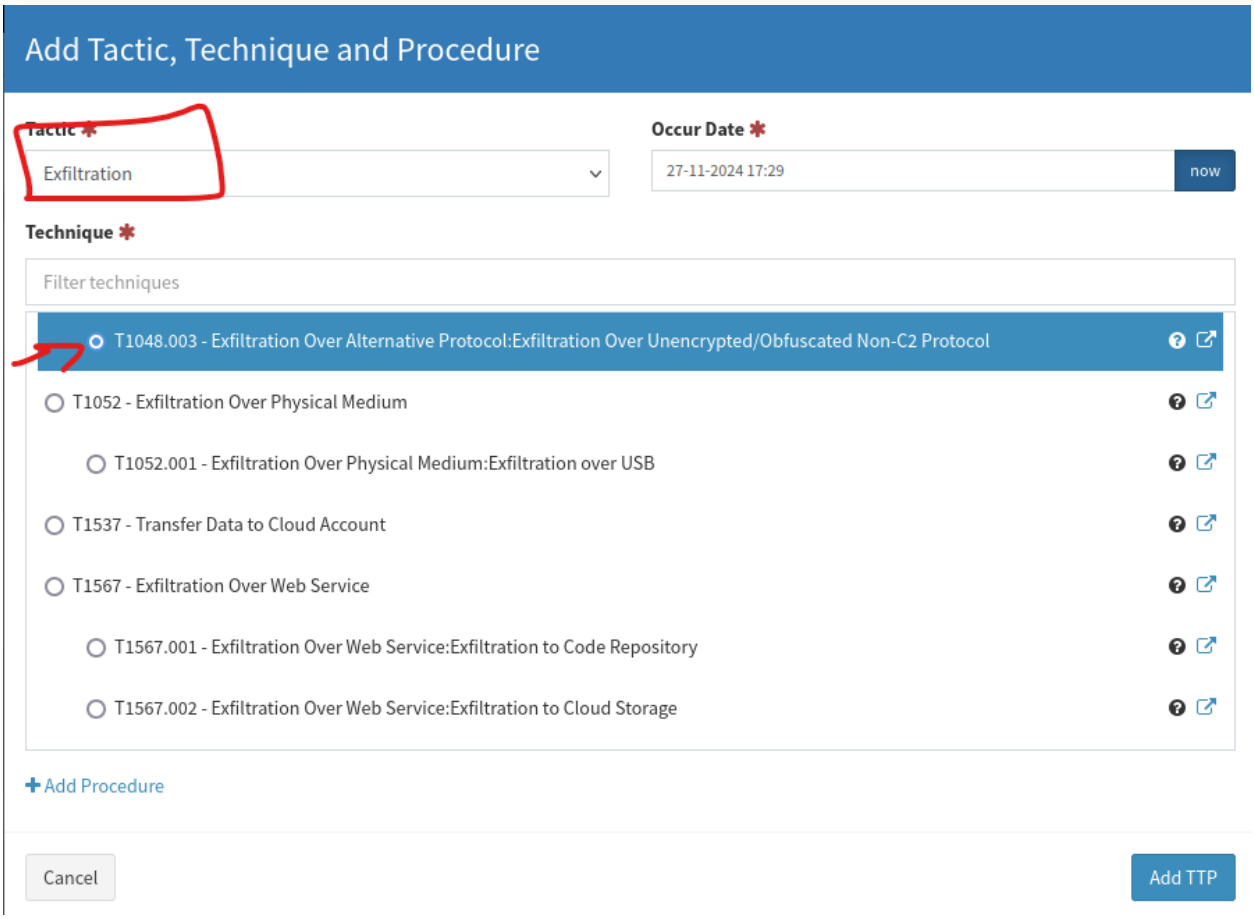
Then enter title and date. Set severity on H for High Impact. Set TLP on Red for Restricted disclosure of information. A brief description goes a long way (your co-workers will appreciate it)

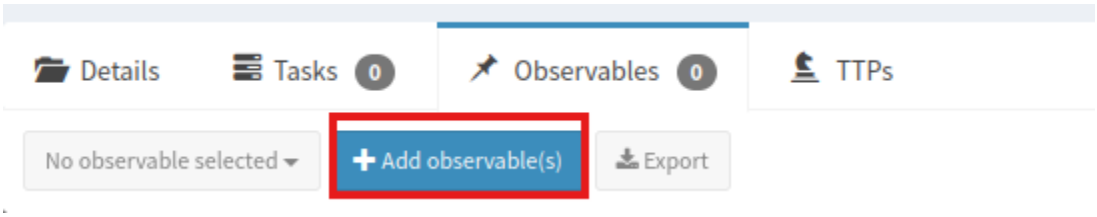


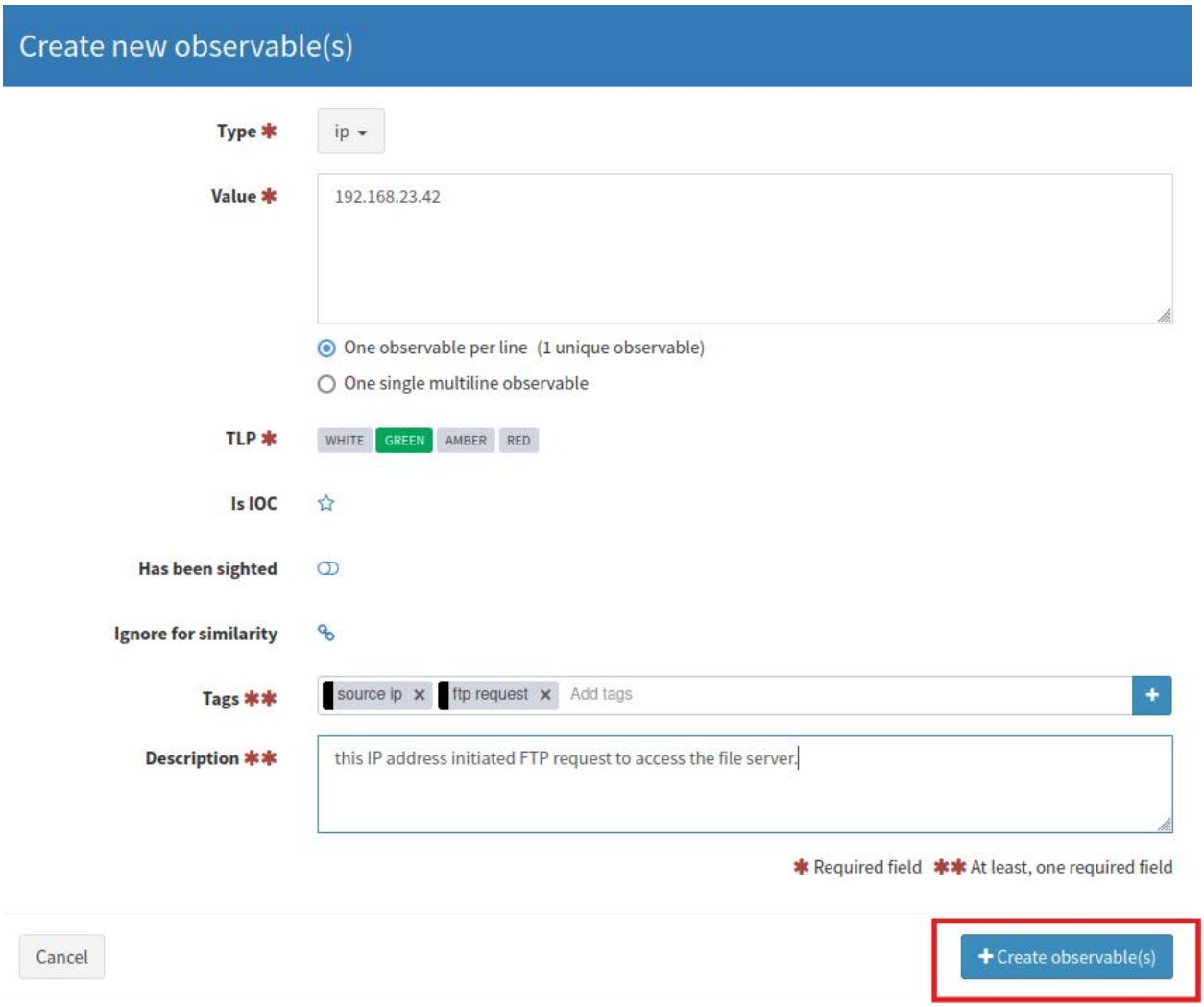
next we can add TTPs



We can set it to T1048.003


Add Tactic, Technique and Procedure
Tactic *
Exfiltration
Occur Date *
27-11-2024 17:29
now
Technique *
Filter techniques
T1048.003 - Exfiltration Over Alternative Protocol:Exfiltration Over Unencrypted/Obfuscated Non-C2 Protocol
T1052 - Exfiltration Over Physical Medium
T1052.001 - Exfiltration Over Physical Medium:Exfiltration over USB
T1537 - Transfer Data to Cloud Account
T1567 - Exfiltration Over Web Service
T1567.001 - Exfiltration Over Web Service:Exfiltration to Code Repository
T1567.002 - Exfiltration Over Web Service:Exfiltration to Cloud Storage
+ Add Procedure
Cancel
Add TTP


Details
Tasks 0
Observables 0
TTPs
No observable selected
+ Add observable(s)
Export



Answer the following question:

Where are the TTPs imported from?

MITRE Att&ck .

According to the Framework, what type of Detection "Data source" would our investigation be classified under?

Network Traffic; based on the MITRE Att&ck farmwork

DS0029	Network Traffic	Network Connection Creation	Monitor for newly constructed network connections that are sent or received by untrusted hosts.
		Network Traffic Content	Monitor and analyze traffic patterns and packet inspection associated to protocol(s) that do not follow the expected protocol standards and traffic flows (e.g extraneous packets that do not belong to established flows, gratuitous or anomalous traffic patterns, anomalous syntax, or structure). Consider correlation with process monitoring and command line to detect anomalous processes execution and command line arguments associated to traffic patterns (e.g. monitor anomalies in use of files that do not normally initiate connections for respective protocol(s)).
		Network Traffic Flow	Monitor network data for uncommon data flows. Processes utilizing the network that do not normally have network communication or have never been seen before are suspicious.

Upload the pcap file as an observable. What is the flag obtained from https://10.10.199.75//files/flag.html

THM{FILES_ARE_OBSERVABLES}