Synapse Bootcamp - Module 19

Introduction to Threat Intelligence in Synapse - Answer Key

Answer Key

Exercise 1 Answer

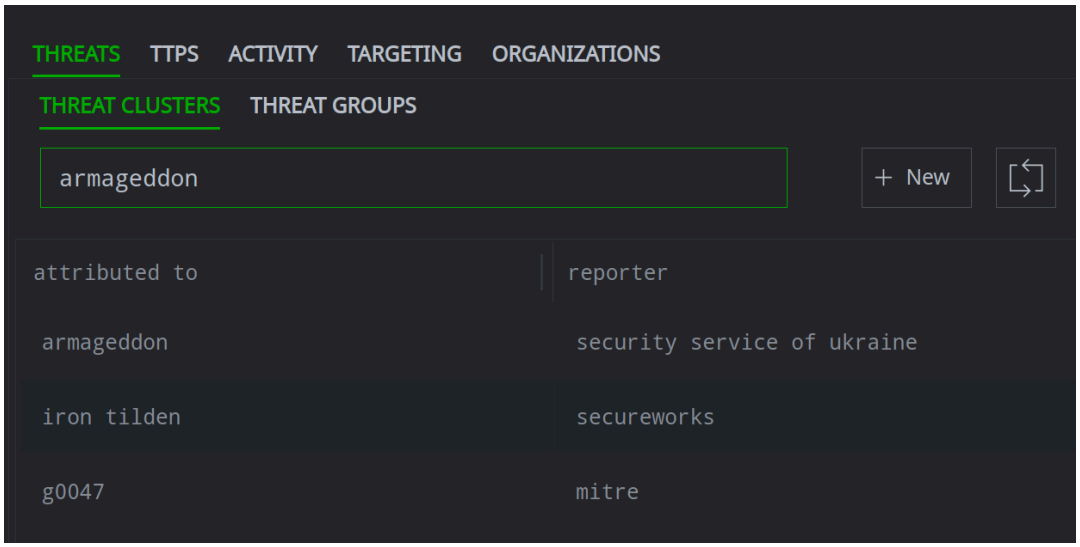
Objective:

- **Use the Threat Intel Workflow to view information related to a threat cluster.**

Part 1 - View information about a threat

Question 1: How many **threat clusters** are in your results?

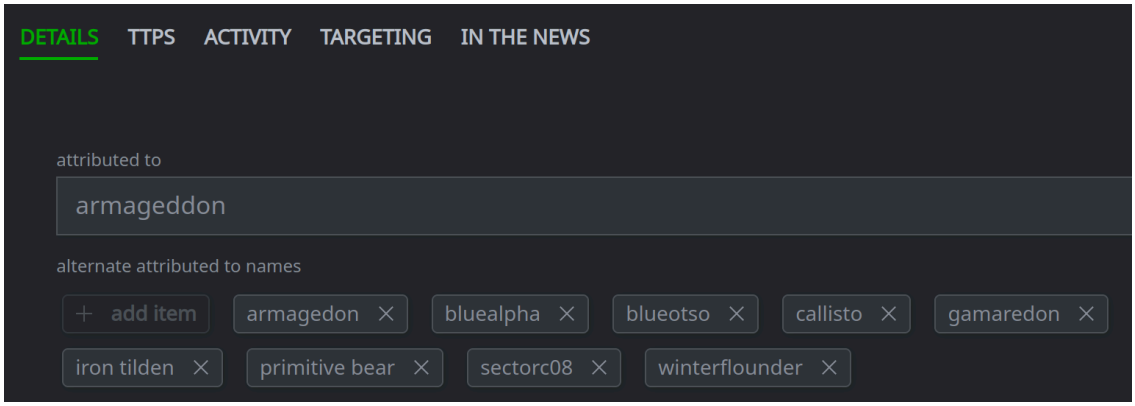
- There are **three** threat clusters that are known as "Armageddon":



> **Tip:** The **Search** field searches the threat cluster's **primary** (`risk:threat:name`) and **secondary** (`risk:threat:names`) field. Only the primary (`:name`) property is displayed (in the **attributed to** column).

Question 2: How many **alternate names** are used to report on "Armageddon", according to the Security Service of Ukraine (SSU)?

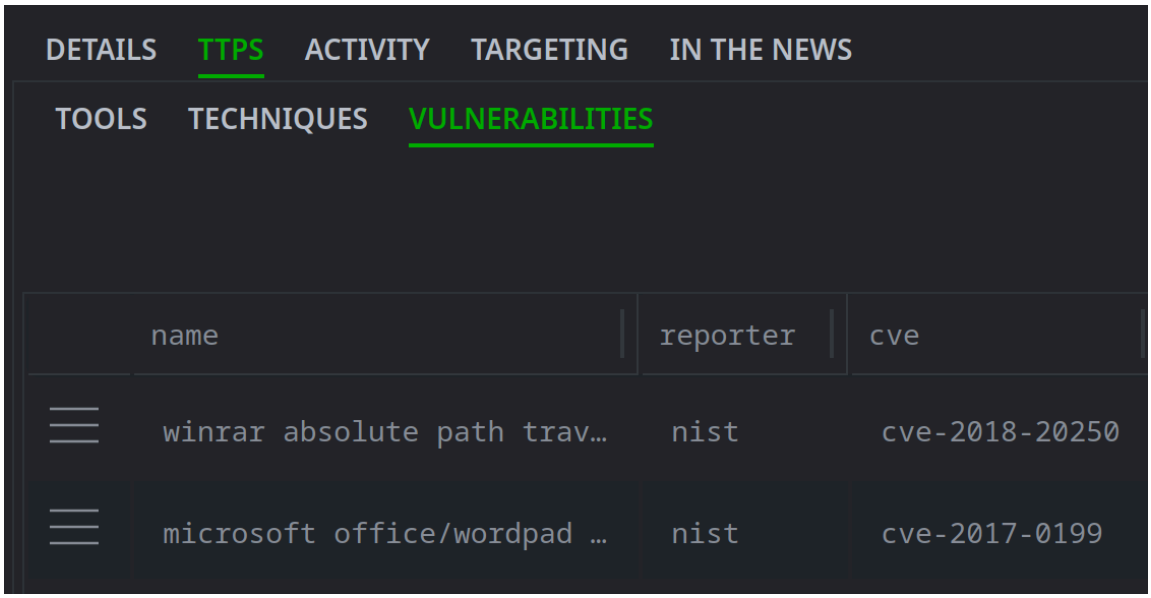
- **Nine** other names refer to the same threat cluster, according to the SSU:



These include:
  - armagedon (one 'd' vs. two 'dd')
  - bluealpha
  - blueotso
  - callisto
  - gamaredon
  - iron tilden
  - primitive bear
  - sectorc08
  - winterflounder

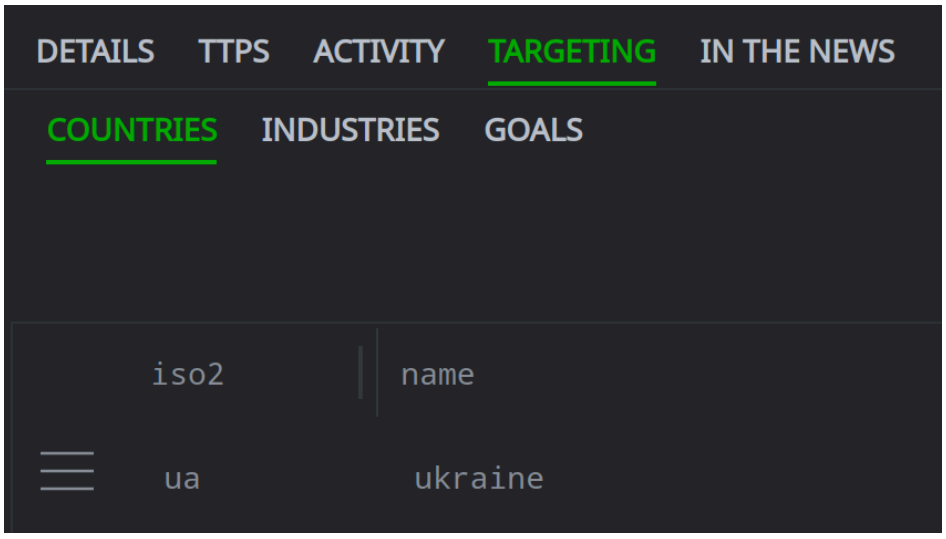
Question 3: Which **vulnerabilities** has Armageddon exploited, according to the SSU?

- Armageddon has exploited **CVE-2017-0199** and **CVE-2018-20250** according to the SSU:



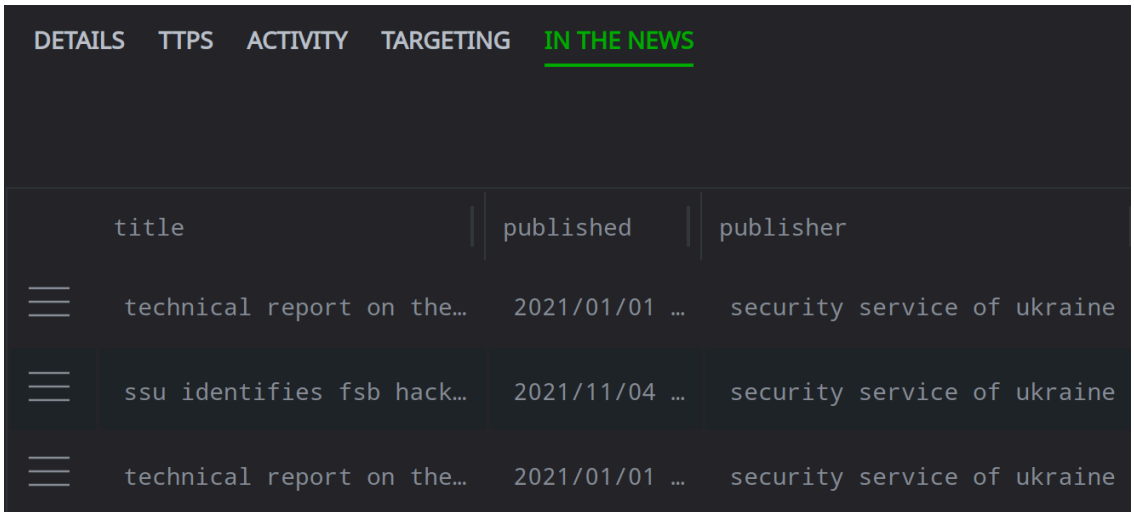
Question 4: What **countries** has Armageddon targeted, according to the SSU?

- Armageddon has targeted **Ukraine** according to the SSU:



Question 5: How many **reports** in Synapse reference the SSU's Armageddon group?

- There are **three** articles that reference or report on "Armageddon":



Question 6: What kinds of indicators are associated with Armageddon? Are there any unusual objects?

- The SSU reported several kinds of indicators:

  The list includes technical indicators:
  - File names (**`file:base`**)
  - File paths (**`file:path`**)
  - URLs (**`inet:url`**)
  - Windows Registry data (**`it:dev:regkey`**, **`it:dev:regval`**)

  The SSU also reported on several **people** that they identified as members of the Russian Federal Security Service (FSB). The SSU claims that "Armageddon" is a group within the FSB's 18th Center.[1]

  We captured this information in Synapse using contact (**`ps:contact`**), person (**`ps:person`**), and position (**`ou:position`**) nodes, as well as an organization (**`ou:org`**) for the FSB 18th Center:

[1] https://ssu.gov.ua/en/novyny/sbu-vstanovyla-khakeriv-fsb-yaki-zdiisnyly-ponad-5-tys-kiberatak-na-derzhavni-orhany-ukrainy. Details about the FSB members are in the slides embedded at the bottom of the page.

Part 2 - View additional threat data

Question 7: Which **threat clusters** have exploited CVE-2021-34523? Who reported on the threats?

- **APT28, Worok,** and **UNC3762** have all exploited CVE-2021-34523.
- **Mandiant** reported on APT28 and UNC3762.
- **ESET** reported on Worok.

Question 8: Which **threat clusters** have targeted Japan? Who reported on the threats?

- **APT1, APT10, APT41, Axiom, Bronze Butler,** and **Bronze Huntley** have all targeted Japan.
- **Mandiant** reported on APT1 and APT41.
- **Novetta** reported on Axiom.
- **PwC** (PricewaterhouseCoopers) reported on APT10.
- **Secureworks** (Dell Secureworks) reported on Bronze Butler and Bronze Huntley.

attributed to	reporter	tag
axiom	novetta	rep.novetta.axiom
apt41	mandiant	rep.mandiant.apt41
apt1	mandiant	rep.mandiant.apt1
bronze huntley	secureworks	rep.secureworks.bron…
apt10	pwc	rep.pwc.apt10
bronze butler	secureworks	rep.secureworks.bron…

Add Threat Intel Data Using the Workflow

Exercise 2 Answer

Objectives:
- **Use the Threat Intel Workflow to create a threat cluster.**
- **Use the Workflow to link information to the threat cluster.**

Question 1: What does the **DETAILS** tab look like?

- The **DETAILS** panel should look similar to the following: