Exercise 2: Reviewing the FortiAnalyzer MITRE ATT&CK Framework

In this exercise, you will review the MITRE ATT&CK framework on FortiAnalyzer.

MITRE ATT&CK has three matrices: Enterprise, ICS, and Mobile. The focus of this lab is on the Enterprise Matrix.

The Enterprise and ICS matrices are available on FortiAnalyzer. However, note that the ICS functionality requires additional licensing.

In the last exercise, you learned what tactics, techniques, and subtechniques are. You will apply that knowledge to the FortiAnalyzer GUI.

Examine the MITRE ATT&CK Enterprise Matrix

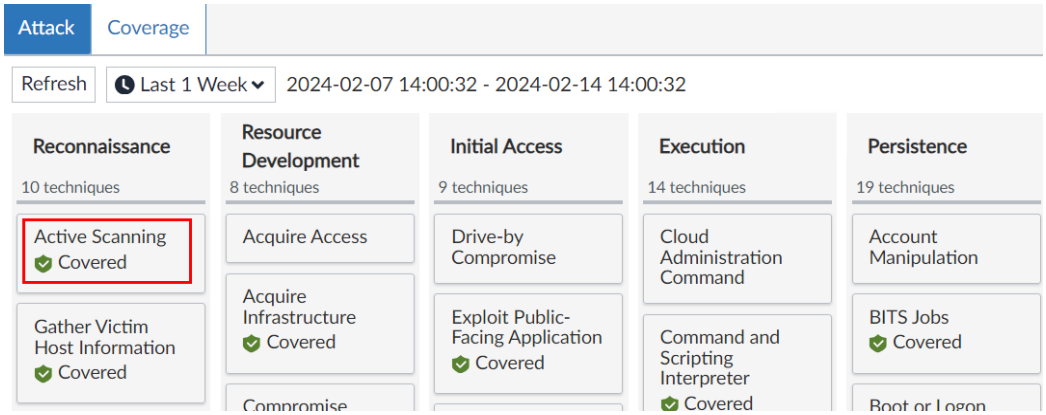
You will examine the **Attack** and **Coverage** tabs of the MITRE ATT&CK Enterprise Matrix. You will also explore how event handlers are mapped to a technique or subtechnique.

To examine the MITRE ATT&CK Enterprise Matrix Attack tab

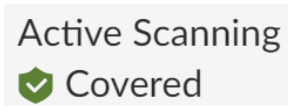
1. On the bastion host, open Chrome, and then log in to the FAZ-MSSP GUI (10.200.4.236) with the following credentials:

- Username: admin
- Password: Fortinet1!

2. Click **Incidents & Events** > **MITRE ATT&CK** > **Attack**.
3. In the **Reconnaissance** column, view the **Active Scanning** technique.

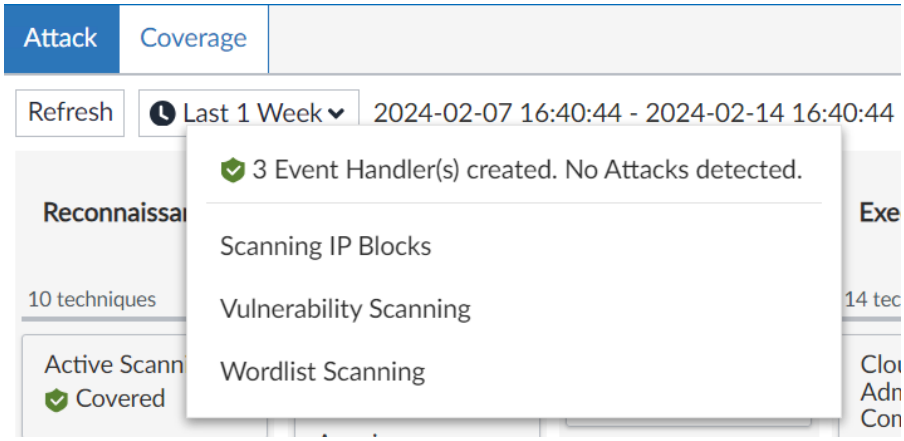


4. Under the technique name, note the **Covered** status.



The **Covered** status means that there is at least one event handler on FortiAnalyzer that is classified under this technique.

5. Hover over the **Active Scanning** technique to see more details.



The three predefined event handlers that cover this technique are listed: **Scanning IP Blocks**, **Vulnerability Scanning**, and **Wordlist Scanning**. Also, **No Attacks detected** indicates that no attacks were detected within the selected time frame (**Last 1 Week**) for this technique. If attacks are detected, they will be indicated here—you will observe this in a later lab.

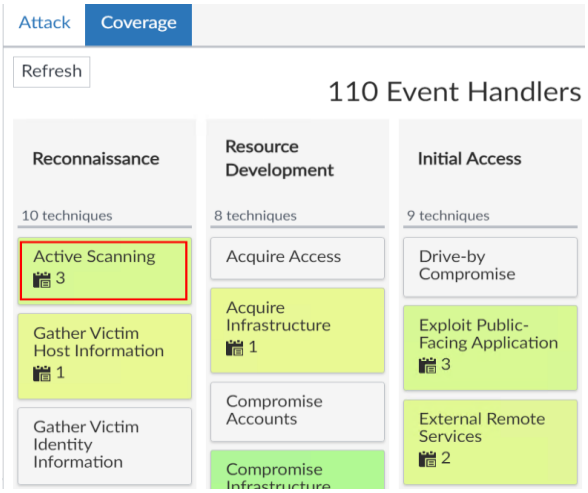
6. Examine the rest of the matrix.

You may need to scroll to see other parts of the matrix.

Depending on the version of FortiAnalyzer and whether MITRE ATT&CK has been updated, you may see a slight difference between the tactics, techniques, and subtechniques that appear on the FortiAnalyzer GUI and the ATT&CK Navigator.

To examine the MITRE ATT&CK Enterprise Matrix Coverage tab

1. Continuing on the FAZ-MSSP GUI, click **Incidents & Events** > **MITRE ATT&CK** > **Coverage**.
2. In the **Reconnaissance** column, review the **Active Scanning** technique.

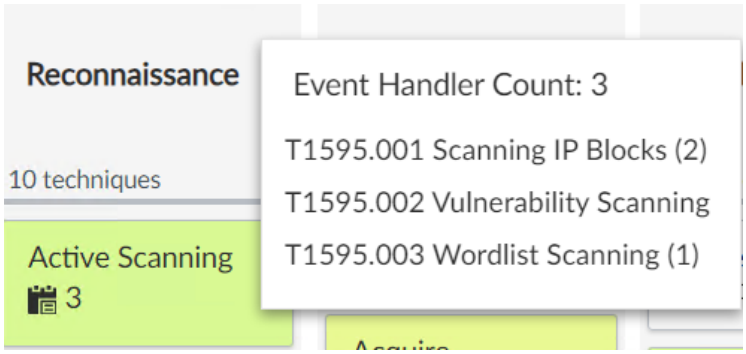


On the **Coverage** tab, you can see the same tactics and techniques that are on the **Attack** tab. However, the **Coverage** tab includes information about the specific event handlers.

The higher the number (**3** in this example), the more event handlers are associated with the techniques and subtechniques under a tactic.

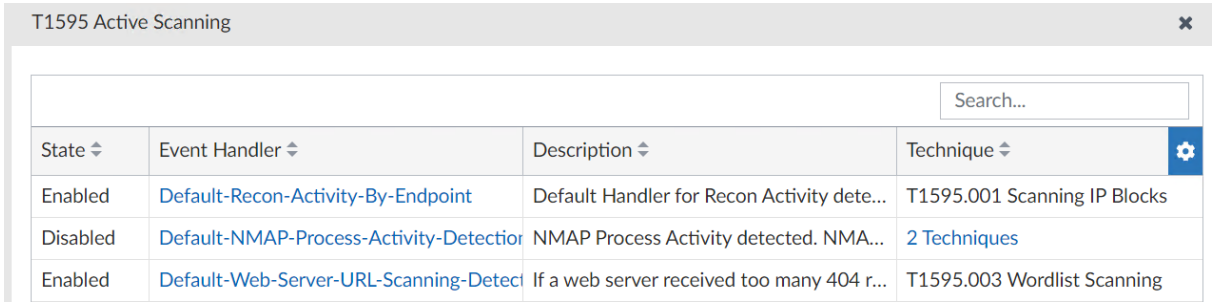
A higher number is also represented by a deeper shade of green. If there is no color, it means that there is no current coverage from any event handler for that technique or subtechnique.

3. Hover over the **Active Scanning** technique to see more details.



There are three event handlers associated with the T1595 technique. Two of them are associated with the **T1595.001** subtechnique, and the third is associated with the **T1595.003** subtechnique.

4. Double-click the **Active Scanning** technique.



5. Review the active event handlers, including their names, descriptions, and the technique or subtechnique that they are categorized under.