**CYB102 Project 3 (🔗** [**Instructions Page**](https://courses.codepath.org/courses/cyb102-dev/unit/1#!projects)**)**

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**Reflection (Required)**

| **🤔 Reflection Question #1:** If I had to **explain “what is a directory traversal attack” in 3 emojis,** they would be…  (Feel free to put other comments about your experience in this unit here, too!) |
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| **🧠Reflection Question #2:** Why do we use a **.sh** file to run our attack? |
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| We use an .sh script to automate and reproduce the attack: it starts the server, runs the attack with the correct arguments, captures logs, and stops the server in a single, repeatable command. |

| **📣 Shoutouts:** Share appreciation for anyone who helped you out with this project or made your day a little better! |
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| Myself |

**Required Challenges (Required)**

| **Item #1:** A screenshot of your completed attack.sh file: |
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| **I created `attack.sh`, made it executable, and used it to start the local server and run the directory traversal script. The terminal shows the numbered `attack.sh` source, `ls -l attack.sh` confirming the executable bit, and the attack output saved to `attack\_logs/timmy\_direct.txt` which contains the retrieved file content.** |

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| **Item #2:** Three different files the Directory Traversal attack was able to access: |
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| 1. **./timmy/reports\_original.txt** 2. **./wanda/reports\_original.txt** 3. **./cosmo/reports\_original.txt** |

**Stretch Challenge (Optional)**

| **Item #1:** A screenshot of your Directory Traversal attack output to find the REAL earnings:  (using the cat command to view the file doesn’t count!) |
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| **Screenshot of directory traversal attack output showing the real earnings found in timmy/reports\_original.txt. The attack output (saved to attack\_logs/timmy\_direct.txt) shows “Earnings are down 1600%...” which contradicts the public general/reports.txt claim of earnings up 900%.**  **The public file general/reports.txt states earnings are up 900%, but the real private report timmy/reports\_original.txt shows the true value: Earnings are down 1600%.** |
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**Submission Checklist**

**👉***Check off each of the features you have completed.* ***You will only be graded on the features you check off.***

**Required Challenges**

* ~~Item #1~~
* ~~Item #2~~

**Stretch Challenge**

* ~~Item #1~~