

Ahmad Abdullah i22-1609

[illegible]

3. Firefox/102.0

[illegible]

22	192.168.0.106	-	[16/Feb/2023:01:36:25 +0500]	GET /users.php HTTP/1.1	200 1186	"http://192.168.0.101:9090/users.php" Mozilla/5.0 (X11; Linux x86_64; rv:102.0) Gecko/20100101 Firefox/102.0"
23	192.168.0.106	-	[16/Feb/2023:01:36:25 +0500]	POST /users.php HTTP/1.1	200 1187	"http://192.168.0.101:9090/users.php" Mozilla/5.0 (X11; Linux x86_64; rv:102.0) Gecko/20100101 Firefox/102.0"
24	192.168.0.106	-	[16/Feb/2023:01:36:35 +0500]	GET /users.php HTTP/1.1	200 1117	"http://192.168.0.101:9090/users.php" Mozilla/5.0 (X11; Linux x86_64; rv:102.0) Gecko/20100101 Firefox/102.0"
25	192.168.0.106	-	[16/Feb/2023:01:36:55 +0500]	GET /users.php HTTP/1.1	200 1117	"http://192.168.0.101:9090/users.php" Mozilla/5.0 (X11; Linux x86_64; rv:102.0) Gecko/20100101 Firefox/102.0"
26	192.168.0.106	-	[16/Feb/2023:01:37:05 +0500]	GET /users.php HTTP/1.1	200 1117	"http://192.168.0.101:9090/users.php" Mozilla/5.0 (X11; Linux x86_64; rv:102.0) Gecko/20100101 Firefox/102.0"
27	192.168.0.106	-	[16/Feb/2023:01:37:12 +0500]	GET /command.php HTTP/1.1	200 1020	"http://192.168.0.101:9090/command.php" Mozilla/5.0 (X11; Linux x86_64; rv:102.0) Gecko/20100101 Firefox/102.0"
28	192.168.0.106	-	[16/Feb/2023:01:37:12 +0500]	POST /command.php HTTP/1.1	200 1333	"http://192.168.0.101:9090/command.php" Mozilla/5.0 (X11; Linux x86_64; rv:102.0) Gecko/20100101 Firefox/102.0"
29	192.168.0.106	-	[16/Feb/2023:01:37:20 +0500]	POST /command.php HTTP/1.1	200 1303	"http://192.168.0.101:9090/command.php" Mozilla/5.0 (X11; Linux x86_64; rv:102.0) Gecko/20100101 Firefox/102.0"
30	192.168.0.106	-	[16/Feb/2023:01:37:25 +0500]	POST /command.php HTTP/1.1	200 1249	"http://192.168.0.101:9090/command.php" Mozilla/5.0 (X11; Linux x86_64; rv:102.0) Gecko/20100101 Firefox/102.0"

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27 [Thu Feb 16 01:35:17.990208 2023] [error] [pid 272] [client 192.168.0.106:57652] [client 192.168.0.106] ModSecurity: Warning. Pattern match "(?:[\\x5C](?:2F|5C)|\\x46|)(?:(?:f(?:x80)70808|e0x800a|bgxq|f)x3(?:2?:x(?:x6|4|6|F)|5x63)|u(?:221|56)|002f|EFC8|F025|1u|5c)|0x(?:2f|5c)|\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\)(?:%?(?:f(?:?:cx80|8)x8)?70808-930-APPLICATION-ATTACK-LFI.conf)" [line "47"] [id "930100"] [msg "Path Traversal Attack (../)"] [data "Matched Data: ../ found within REQUEST_URI Raw: 3.3.2"] [tag "application-multi"] [tag "language-multi"] [tag "platform-multi"] [tag "attack-lfi"] [tag "paranoia-level/1"] [tag "OWASP_CRS"] [tag "capec/1000/255"] [y-IcBfkZxU_xfaaZQM6jgAAAAIT"]
28 [Thu Feb 16 01:35:17.990262 2023] [error] [pid 272] [client 192.168.0.106:57652] [client 192.168.0.106] ModSecurity: Warning. Pattern match "(?:[\\x5C](?:2F|5C)|\\x46|)(?:(?:f(?:x80)70808|e0x800a|bgxq|f)x3(?:2?:x(?:x6|4|6|F)|5x63)|u(?:221|56)|002f|EFC8|F025|1u|5c)|0x(?:2f|5c)|\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\)(?:%?(?:f(?:?:cx80|8)x8)?70808-930-APPLICATION-ATTACK-LFI.conf)" [line "47"] [id "930100"] [msg "Path Traversal Attack (../)"] [data "Matched Data: ../ found within ARGS:image: ../"] [tag "application-multi"] [tag "language-multi"] [tag "platform-multi"] [tag "attack-lfi"] [tag "paranoia-level/1"] [tag "OWASP_CRS"] [tag "capec/1000/255/126"] [y-IcBfkZxU_xfaaZQM6jgAAAAIT"]
29 [Thu Feb 16 01:35:17.990313 2023] [error] [pid 272] [client 192.168.0.106:57652] [client 192.168.0.106] ModSecurity: Warning. Pattern match "(?:[\\x5C](?:2F|5C)|\\x46|)(?:(?:f(?:x80)70808|e0x800a|bgxq|f)x3(?:2?:x(?:x6|4|6|F)|5x63)|u(?:221|56)|002f|EFC8|F025|1u|5c)|0x(?:2f|5c)|\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\)(?:%?(?:f(?:?:cx80|8)x8)?70808-930-APPLICATION-ATTACK-LFI.conf)" [line "71"] [id "930110"] [msg "Path Traversal Attack (../)"] [data "Matched Data: ../ found within REQUEST_URI Raw: 3.3.2"] [tag "application-multi"] [tag "language-multi"] [tag "platform-multi"] [tag "attack-lfi"] [tag "paranoia-level/1"] [tag "OWASP_CRS"] [tag "capec/1000/255/126"] [y-IcBfkZxU_xfaaZQM6jgAAAAIT"]
30 [Thu Feb 16 01:35:17.990354 2023] [error] [pid 272] [client 192.168.0.106:57652] [client 192.168.0.106] ModSecurity: Warning. Pattern match "(?:[\\x5C](?:2F|5C)|\\x46|)(?:(?:f(?:x80)70808|e0x800a|bgxq|f)x3(?:2?:x(?:x6|4|6|F)|5x63)|u(?:221|56)|002f|EFC8|F025|1u|5c)|0x(?:2f|5c)|\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\)(?:%?(?:f(?:?:cx80|8)x8)?70808-930-APPLICATION-ATTACK-LFI.conf)" [line "71"] [id "930110"] [msg "Path Traversal Attack (../)"] [data "Matched Data: ../ found within REQUEST_URI Raw: 3.3.2"] [tag "application-multi"] [tag "language-multi"] [tag "platform-multi"] [tag "attack-lfi"] [tag "paranoia-level/1"] [tag "OWASP_CRS"] [tag "capec/1000/255/126"] [y-IcBfkZxU_xfaaZQM6jgAAAAIT"]

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8. flag{h1pp1ty_h0pp1ty_y0ur_w3bs1t3_1s_n0w_my_pr0p3rty!}

```
</div>
</form>
<table class="table table-striped">
  <thead class="thead">
    <tr>
      <th scope="col">ID</th>
      <th scope="col">Username</th>
      <th scope="col">Email</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td>1</td>
      <td>user1</td>
      <td>user1@local.host</td>
    </tr>
    <tr>
      <td>2</td>
      <td>user2</td>
      <td>user2@local.host</td>
    </tr>
    <tr>
      <td>3</td>
      <td>user3</td>
      <td>user3@local.host</td>
    </tr>
    <tr>
      <td>4</td>
      <td>user4</td>
      <td>user4@local.host</td>
    </tr>
    <tr>
      <td>5</td>
      <td>user5</td>
      <td>user5@local.host</td>
    </tr>
    <tr>
      <td>Gentlemen, it is with great pleasure I inform you that:</td>
      <td>2mXhZ3toMXBwMXR5X2gwcHAXdHLfeTB1cl93M2JzMXQzXzFzX24wd19teV9wcjBwM3J0eSF9</td>
      <td>ID</td>
    </tr>
  </tbody>
</table>
```

9. The indicators that confirmed that an attack had taken place were Remote Code Execution, SQL injection etc. The key takeaway from this is that we used to refine our code to better handle the requests for all the known vulnerabilities.
10. SQL injection, Path Traversal, Remote Code Execution etc.