

## Issues report for Security Test 1

in REST Project 2/https://164.90.157.161 Test Suite/https://164.90.157.161 Test Case 1

### Summary

Started at 2021-04-19 22:07:32

Time taken 00:05:00.695

**Total scans performed: 2189**

**Issues found: 3**

| Scan                | Issues Found In Test Steps |   | Total Issues Found |
|---------------------|----------------------------|---|--------------------|
| HTTP Method Fuzzing | Request 1                  | 3 | 3                  |

### Detailed Info

Issues are grouped by Security scan.

#### HTTP Method Fuzzing

An HTTP Method Fuzzing Scan attempts to use other HTTP verbs (methods) than those defined in an API. For instance, if you have defined GET and POST, it will send requests using the DELETE and PUT verbs, expecting an appropriate HTTP error response and reporting alerts if it doesn't receive it.

Sometimes, unexpected HTTP verbs can overwrite data on a server or get data that shouldn't be revealed to clients.

|                     |  |         |
|---------------------|--|---------|
| Scan                | HTTP Method Fuzzing  |         |
| Severity            | WARNING  |         |
| Endpoint            | https://164.90.157.161/deepfence/v1.5/node-severity                  |         |
| Request             | OPTIONS https://164.90.157.161/deepfence/v1.5/node-severity HTTP/1.1 |         |
| Test Step           | Request 1  |         |
| Modified Parameters | Name   | Value   |
|                     | method   | OPTIONS |
| Response            |  |         |

|                      |  |
|----------------------|--|
|                      | <b>Content-type:</b> text/plain<br><b>Content length:</b> 2<br><b>Full response:</b><br>ok           |
| <b>Alerts</b>        | Valid HTTP Status Codes: Response status code: 200 is not in acceptable list of status codes         |
| <b>Action Points</b> | You should check if the HTTP method <code>OPTIONS</code> should really be allowed for this resource. |
| <b>Issue Number</b>  | #1   |

| <b>Scan</b>                | HTTP Method Fuzzing   |      |       |        |      |
|----------------------------|---|------|-------|--------|------|
| <b>Severity</b>            | <b>WARNING</b>  |      |       |        |      |
| <b>Endpoint</b>            | https://164.90.157.161/deepfence/v1.5/node-severity   |      |       |        |      |
| <b>Request</b>             | HEAD https://164.90.157.161/deepfence/v1.5/node-severity HTTP/1.1                                 |      |       |        |      |
| <b>Test Step</b>           | Request 1   |      |       |        |      |
| <b>Modified Parameters</b> | <table> <tr> <th>Name</th><th>Value</th></tr> <tr> <td>method</td><td>HEAD</td></tr> </table>     | Name | Value | method | HEAD |
| Name                       | Value   |      |       |        |      |
| method                     | HEAD  |      |       |        |      |
| <b>Response</b>            | <i>No content</i>   |      |       |        |      |
| <b>Alerts</b>              | Valid HTTP Status Codes: Response status code: 200 is not in acceptable list of status codes      |      |       |        |      |
| <b>Action Points</b>       | You should check if the HTTP method <code>HEAD</code> should really be allowed for this resource. |      |       |        |      |
| <b>Issue Number</b>        | #2  |      |       |        |      |

| <b>Scan</b>                | HTTP Method Fuzzing  |      |       |        |      |
|----------------------------|--|------|-------|--------|------|
| <b>Severity</b>            | <b>WARNING</b>   |      |       |        |      |
| <b>Endpoint</b>            | https://164.90.157.161/deepfence/v1.5/node-severity  |      |       |        |      |
| <b>Request</b>             | POST https://164.90.157.161/deepfence/v1.5/node-severity HTTP/1.1  |      |       |        |      |
| <b>Test Step</b>           | Request 1  |      |       |        |      |
| <b>Modified Parameters</b> | <table> <tr> <th>Name</th><th>Value</th></tr> <tr> <td>method</td><td>POST</td></tr> </table>  | Name | Value | method | POST |
| Name                       | Value  |      |       |        |      |
| method                     | POST   |      |       |        |      |
| <b>Response</b>            | <b>Content-type:</b> application/json<br><b>Content length:</b> 535<br><b>Full response:</b><br><pre>{   "data": {     "siddharth-8vcpu-agent": {       "containers": {},       "kubernetes_cluster_name": "",       "pod_id_to_ip": {},       "pod_scope_id": {},       "pods": {},       "probe_id": "3c6bb1217b3b2388",       "severity": null     },     "siddharth-8vcpu-console": {       "containers": {},       "kubernetes_cluster_name": "",       "pod_id_to_ip": {},       "pod_scope_id": {},       "pods": {},       "probe_id": "35ccbb56f0e12a5d",       "severity": null     },     "siddharth-dev-8vcpu-agent3": {       "containers": {},       "kubernetes_cluster_name": "",       "pod_id_to_ip": {},       "pod_scope_id": {},       "pods": {},       "probe_id": "7726d7c69133fbc2",       "severity": null     }   },   "error": null,   "success": true }</pre> |      |       |        |      |
| <b>Alerts</b>              | Valid HTTP Status Codes: Response status code: 200 is not in acceptable list of status codes   |      |       |        |      |
| <b>Action Points</b>       | You should check if the HTTP method <code>POST</code> should really be allowed for this resource.  |      |       |        |      |
| <b>Issue Number</b>        | #3   |      |       |        |      |