FILTERING JSON DATA USING JQ

Task

Print: [

"Each vulnerability title",

"Each Severity",

"CvssScore"

]

Output as Table

Steps

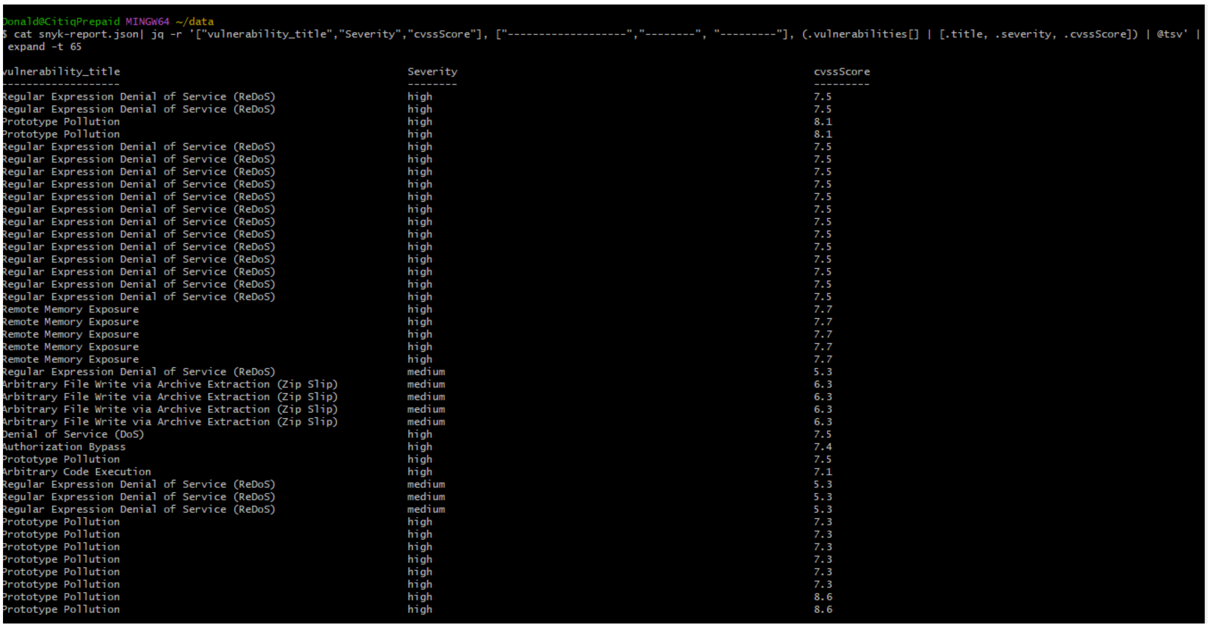
1. cat snyk-report.json| jq -r ".vulnerabilities[].title"

2: cat snyk-report.json| jq -r ".vulnerabilities[].severity"

3: cat snyk-report.json| jq -r ".vulnerabilities[].cvssScore"

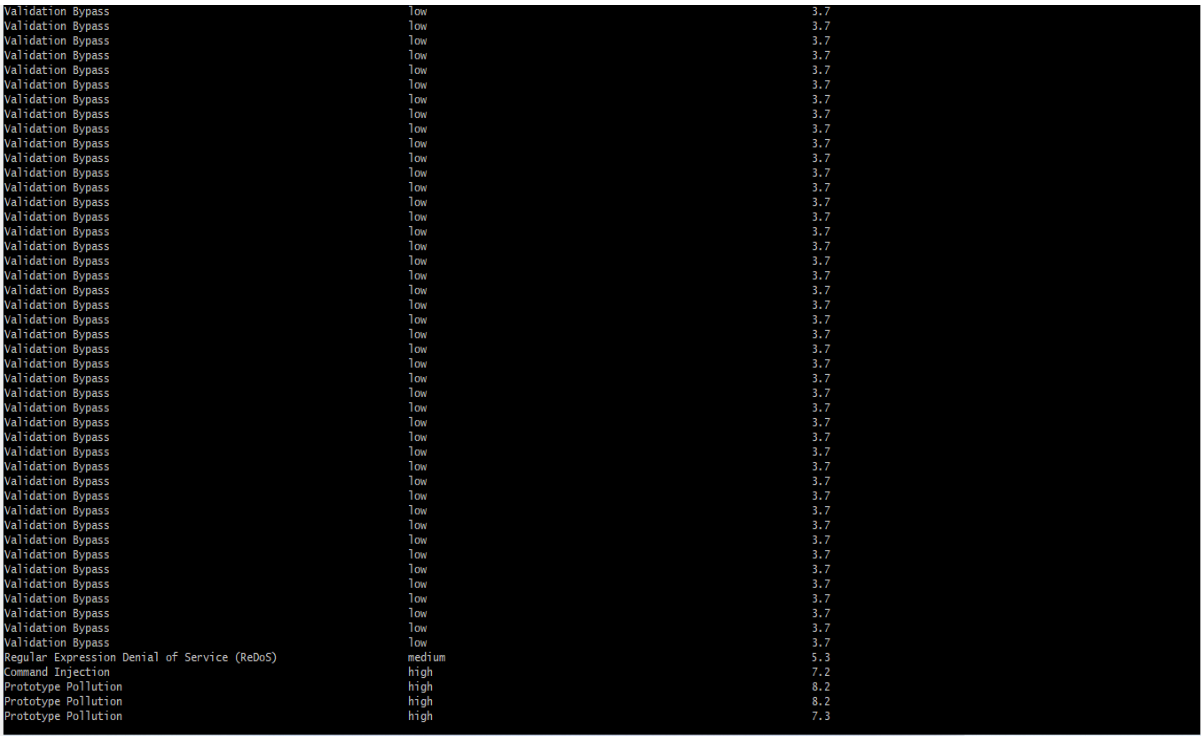
4: **cat snyk-report.json| jq -r '["vulnerability_title","Severity", "cvssScore"], ["------------------","--------", "---------"], (.vulnerabilities[] | [.title, .severity, .cvssScore]) | @tsv' | expand -t 65**

OUTPUT AS TABLE



```
Donald@CitiqPrepaid MINGW64 ~/data
$ cat snyk-report.json| jq -r '["vulnerability_title","Severity","cvssScore"], ["-------------------","--------", "---------"], (.vulnerabilities[] | [.title, .severity, .cvssScore]) | @tsv' |
 expand -t 65

vulnerability_title                                              Severity                                                         cvssScore
-------------------                                              --------                                                         ---------
Regular Expression Denial of Service (ReDoS)                     high                                                             7.5
Regular Expression Denial of Service (ReDoS)                     high                                                             7.5
Prototype Pollution                                              high                                                             8.1
Prototype Pollution                                              high                                                             8.1
Regular Expression Denial of Service (ReDoS)                     high                                                             7.5
Regular Expression Denial of Service (ReDoS)                     high                                                             7.5
Regular Expression Denial of Service (ReDoS)                     high                                                             7.5
Regular Expression Denial of Service (ReDoS)                     high                                                             7.5
Regular Expression Denial of Service (ReDoS)                     high                                                             7.5
Regular Expression Denial of Service (ReDoS)                     high                                                             7.5
Regular Expression Denial of Service (ReDoS)                     high                                                             7.5
Regular Expression Denial of Service (ReDoS)                     high                                                             7.5
Regular Expression Denial of Service (ReDoS)                     high                                                             7.5
Regular Expression Denial of Service (ReDoS)                     high                                                             7.5
Regular Expression Denial of Service (ReDoS)                     high                                                             7.5
Regular Expression Denial of Service (ReDoS)                     high                                                             7.5
Regular Expression Denial of Service (ReDoS)                     high                                                             7.5
Remote Memory Exposure                                           high                                                             7.7
Remote Memory Exposure                                           high                                                             7.7
Remote Memory Exposure                                           high                                                             7.7
Remote Memory Exposure                                           high                                                             7.7
Remote Memory Exposure                                           high                                                             7.7
Regular Expression Denial of Service (ReDoS)                     medium                                                           5.3
Arbitrary File Write via Archive Extraction (Zip Slip)           medium                                                           6.3
Arbitrary File Write via Archive Extraction (Zip Slip)           medium                                                           6.3
Arbitrary File Write via Archive Extraction (Zip Slip)           medium                                                           6.3
Arbitrary File Write via Archive Extraction (Zip Slip)           medium                                                           6.3
Denial of Service (DoS)                                          high                                                             7.5
Authorization Bypass                                             high                                                             7.4
Prototype Pollution                                              high                                                             7.5
Arbitrary Code Execution                                         high                                                             7.1
Regular Expression Denial of Service (ReDoS)                     medium                                                           5.3
Regular Expression Denial of Service (ReDoS)                     medium                                                           5.3
Regular Expression Denial of Service (ReDoS)                     medium                                                           5.3
Prototype Pollution                                              high                                                             7.3
Prototype Pollution                                              high                                                             7.3
Prototype Pollution                                              high                                                             7.3
Prototype Pollution                                              high                                                             7.3
Prototype Pollution                                              high                                                             7.3
Prototype Pollution                                              high                                                             7.3
Prototype Pollution                                              high                                                             8.6
Prototype Pollution                                              high                                                             8.6
```



```
Validation Bypass                                                low                                                              3.7
Validation Bypass                                                low                                                              3.7
Validation Bypass                                                low                                                              3.7
Validation Bypass                                                low                                                              3.7
Validation Bypass                                                low                                                              3.7
Validation Bypass                                                low                                                              3.7
Validation Bypass                                                low                                                              3.7
Validation Bypass                                                low                                                              3.7
Validation Bypass                                                low                                                              3.7
Validation Bypass                                                low                                                              3.7
Validation Bypass                                                low                                                              3.7
Validation Bypass                                                low                                                              3.7
Validation Bypass                                                low                                                              3.7
Validation Bypass                                                low                                                              3.7
Validation Bypass                                                low                                                              3.7
Validation Bypass                                                low                                                              3.7
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Validation Bypass                                                low                                                              3.7
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Validation Bypass                                                low                                                              3.7
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Validation Bypass                                                low                                                              3.7
Validation Bypass                                                low                                                              3.7
Validation Bypass                                                low                                                              3.7
Validation Bypass                                                low                                                              3.7
Validation Bypass                                                low                                                              3.7
Validation Bypass                                                low                                                              3.7
Validation Bypass                                                low                                                              3.7
Regular Expression Denial of Service (ReDoS)                     medium                                                           5.3
Command Injection                                                high                                                             7.2
Prototype Pollution                                              high                                                             8.2
Prototype Pollution                                              high                                                             8.2
Prototype Pollution                                              high                                                             7.3
```

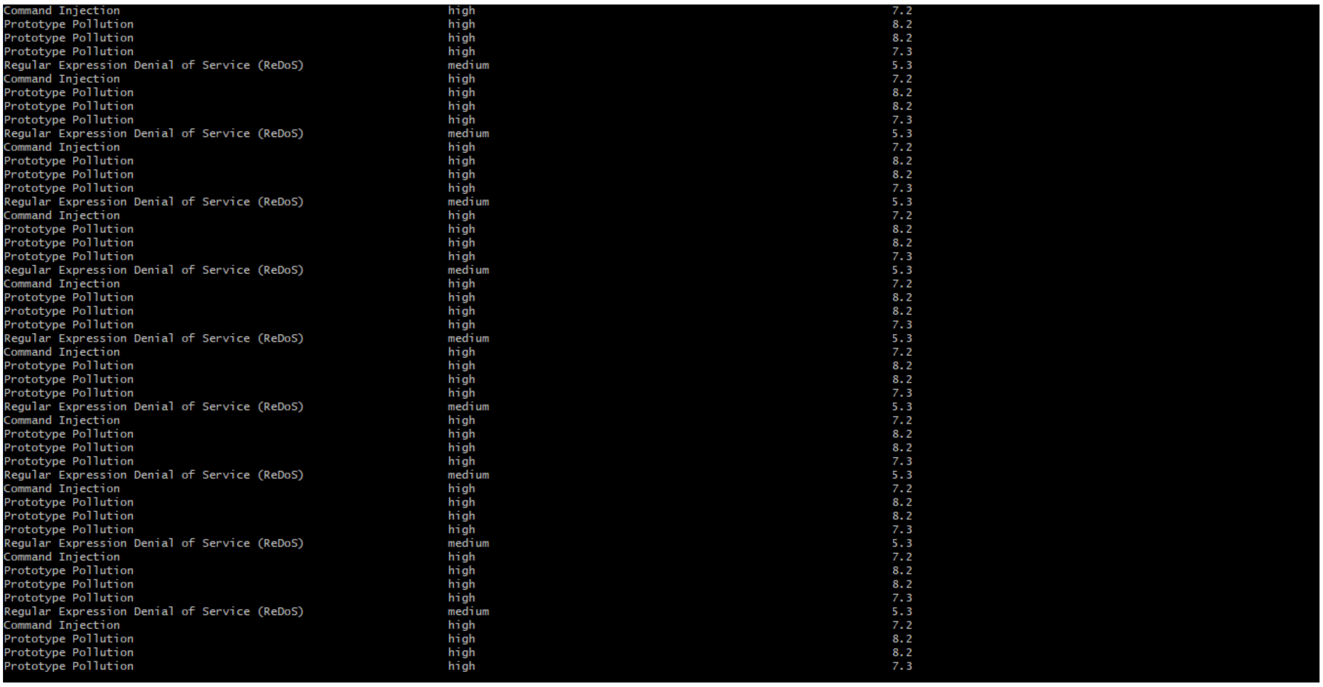

```
Command Injection                                 high            7.2
Prototype Pollution                               high            8.2
Prototype Pollution                               high            8.2
Prototype Pollution                               high            7.3
Regular Expression Denial of Service (ReDoS)      medium          5.3
Command Injection                                 high            7.2
Prototype Pollution                               high            8.2
Prototype Pollution                               high            8.2
Prototype Pollution                               high            7.3
Regular Expression Denial of Service (ReDoS)      medium          5.3
Command Injection                                 high            7.2
Prototype Pollution                               high            8.2
Prototype Pollution                               high            8.2
Prototype Pollution                               high            7.3
Regular Expression Denial of Service (ReDoS)      medium          5.3
Command Injection                                 high            7.2
Prototype Pollution                               high            8.2
Prototype Pollution                               high            8.2
Prototype Pollution                               high            7.3
Regular Expression Denial of Service (ReDoS)      medium          5.3
Command Injection                                 high            7.2
Prototype Pollution                               high            8.2
Prototype Pollution                               high            8.2
Prototype Pollution                               high            7.3
Regular Expression Denial of Service (ReDoS)      medium          5.3
Command Injection                                 high            7.2
Prototype Pollution                               high            8.2
Prototype Pollution                               high            8.2
Prototype Pollution                               high            7.3
Regular Expression Denial of Service (ReDoS)      medium          5.3
Command Injection                                 high            7.2
Prototype Pollution                               high            8.2
Prototype Pollution                               high            8.2
Prototype Pollution                               high            7.3
Regular Expression Denial of Service (ReDoS)      medium          5.3
Command Injection                                 high            7.2
Prototype Pollution                               high            8.2
Prototype Pollution                               high            8.2
Prototype Pollution                               high            7.3
Regular Expression Denial of Service (ReDoS)      medium          5.3
Command Injection                                 high            7.2
Prototype Pollution                               high            8.2
Prototype Pollution                               high            8.2
Prototype Pollution                               high            7.3
Regular Expression Denial of Service (ReDoS)      medium          5.3
Command Injection                                 high            7.2
Prototype Pollution                               high            8.2
Prototype Pollution                               high            8.2
Prototype Pollution                               high            7.3
```

Output

```
vulnerability_title                           Severity               cvssScore
-------------------                       --------               ---------
Regular Expression Denial of Service (ReDoS)        high                     7.5
Regular Expression Denial of Service (ReDoS)        high                     7.5
Prototype Pollution                                 high                     8.1
Prototype Pollution                                 high                     8.1
Regular Expression Denial of Service (ReDoS)        high                     7.5
Regular Expression Denial of Service (ReDoS)        high                     7.5
Regular Expression Denial of Service (ReDoS)        high                     7.5
Regular Expression Denial of Service (ReDoS)        high                     7.5
Regular Expression Denial of Service (ReDoS)        high                     7.5
Regular Expression Denial of Service (ReDoS)        high                     7.5
Regular Expression Denial of Service (ReDoS)        high                     7.5
Regular Expression Denial of Service (ReDoS)        high                     7.5
Regular Expression Denial of Service (ReDoS)        high                     7.5
```

Regular Expression Denial of Service (ReDoS)	high	7.5
Regular Expression Denial of Service (ReDoS)	high	7.5
Regular Expression Denial of Service (ReDoS)	high	7.5
Regular Expression Denial of Service (ReDoS)	high	7.5
Remote Memory Exposure	high	7.7
Remote Memory Exposure	high	7.7
Remote Memory Exposure	high	7.7
Remote Memory Exposure	high	7.7
Remote Memory Exposure	high	7.7
Regular Expression Denial of Service (ReDoS)	medium	5.3
Arbitrary File Write via Archive Extraction (Zip Slip)	medium	6.3
Arbitrary File Write via Archive Extraction (Zip Slip)	medium	6.3
Arbitrary File Write via Archive Extraction (Zip Slip)	medium	6.3
Arbitrary File Write via Archive Extraction (Zip Slip)	medium	63
Denial of Service (DoS)	high	7.5
Authorization Bypass	high	7.4
Prototype Pollution	high	7.5
Arbitrary Code Execution	high	7.1
Regular Expression Denial of Service (ReDoS)	medium	5.3
Regular Expression Denial of Service (ReDoS)	medium	5.3
Regular Expression Denial of Service (ReDoS)	medium	53
Prototype Pollution	high	7.3
Prototype Pollution	high	7.3
Prototype Pollution	high	7.3
Prototype Pollution	high	7.3
Prototype Pollution	high	7.3
Prototype Pollution	high	7.3
Prototype Pollution	high	8.6
Prototype Pollution	high	8.6
Validation Bypass	low	3.7
Validation Bypass	low	3.7
Validation Bypass	low	3.7
Validation Bypass	low	3.7
Validation Bypass	low	3.7
Validation Bypass	low	3.7
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Validation Bypass	low	3.7
Validation Bypass	low	3.7
Validation Bypass	low	3.7
Validation Bypass	low	3.7
Validation Bypass	low	3.7
Regular Expression Denial of Service (ReDoS)	medium	5.3
Command Injection	high	7.2
Prototype Pollution	high	8.2

Prototype Pollution	high	8.2
Prototype Pollution	high	7.3
Regular Expression Denial of Service (ReDoS)	medium	5.3
Command Injection	high	7.2
Prototype Pollution	high	8.2
Prototype Pollution	high	8.2
Prototype Pollution	high	7.3
Regular Expression Denial of Service (ReDoS)	medium	5.3
Command Injection	high	7.2
Prototype Pollution	high	8.2
Prototype Pollution	high	8.2
Prototype Pollution	high	7.3
Regular Expression Denial of Service (ReDoS)	medium	5.3
Command Injection	high	7.2
Prototype Pollution	high	8.2
Prototype Pollution	high	8.2
Prototype Pollution	high	7.3
Regular Expression Denial of Service (ReDoS)	medium	5.3
Command Injection	high	7.2
Prototype Pollution	high	8.2
Prototype Pollution	high	8.2
Prototype Pollution	high	7.3
Regular Expression Denial of Service (ReDoS)	medium	5.3
Command Injection	high	7.2
Prototype Pollution	high	8.2
Prototype Pollution	high	8.2
Prototype Pollution	high	7.3
Regular Expression Denial of Service (ReDoS)	medium	5.3
Command Injection	high	7.2
Prototype Pollution	high	8.2
Prototype Pollution	high	8.2
Prototype Pollution	high	7.3
Regular Expression Denial of Service (ReDoS)	medium	5.3
Command Injection	high	7.2
Prototype Pollution	high	8.2
Prototype Pollution	high	8.2
Prototype Pollution	high	7.3
Regular Expression Denial of Service (ReDoS)	medium	5.3

Command Injection	high	7.2
Prototype Pollution	high	8.2
Prototype Pollution	high	8.2
Prototype Pollution	high	73
Regular Expression Denial of Service (ReDoS)	medium	5.3
Command Injection	high	7.2
Prototype Pollution	high	8.2
Prototype Pollution	high	8.2
Prototype Pollution	high	7.3
Regular Expression Denial of Service (ReDoS)	medium	5.3
Command Injection	high	7.2
Prototype Pollution	high	8.2
Prototype Pollution	high	8.2
Prototype Pollution	high	7.3
Regular Expression Denial of Service (ReDoS)	medium	5.3
Command Injection	high	7.2
Prototype Pollution	high	8.2
Prototype Pollution	high	8.2
Prototype Pollution	high	7.3
Regular Expression Denial of Service (ReDoS)	medium	5.3
Command Injection	high	7.2
Prototype Pollution	high	8.2
Prototype Pollution	high	8.2
Prototype Pollution	high	7.3
Regular Expression Denial of Service (ReDoS)	medium	5.3
Command Injection	high	7.2
Prototype Pollution	high	8.2
Prototype Pollution	high	8.2
Prototype Pollution	high	7.3
Regular Expression Denial of Service (ReDoS)	medium	5.3
Command Injection	high	7.2
Prototype Pollution	high	8.2
Prototype Pollution	high	8.2
Prototype Pollution	high	7.3
Regular Expression Denial of Service (ReDoS)	medium	5.3
Command Injection	high	7.2
Prototype Pollution	high	8.2
Prototype Pollution	high	8.2

Prototype Pollution	high	7.3
Regular Expression Denial of Service (ReDoS)	medium	5.3
Command Injection	high	7.2
Prototype Pollution	high	8.2
Prototype Pollution	high	8.2
Prototype Pollution	high	7.3
Regular Expression Denial of Service (ReDoS)	medium	5.3
Command Injection	high	7.2
Prototype Pollution	high	7.3
Prototype Pollution	high	8.2
Prototype Pollution	high	8.2
Prototype Pollution	high	7.3
Prototype Pollution	high	7.3
Regular Expression Denial of Service (ReDoS)	medium	4.4
Prototype Pollution	medium	6.3
Prototype Pollution	high	7.3
Arbitrary Code Injection	critical	9.8
Prototype Pollution	low	3.7
Prototype Pollution	medium	5.6
Prototype Pollution	low	3.7
Prototype Pollution	medium	5.6
Prototype Pollution	low	3.7
Prototype Pollution	medium	5.6
Prototype Pollution	low	3.7
Prototype Pollution	medium	5.6
Prototype Pollution	low	3.7
Prototype Pollution	medium	5.6
Prototype Pollution	low	3.7
Prototype Pollution	medium	5.6
Prototype Pollution	low	3.7
Prototype Pollution	medium	5.6
Prototype Pollution	low	3.7
Prototype Pollution	medium	5.6
Prototype Pollution	low	3.7
Prototype Pollution	medium	5.6
Prototype Pollution	low	3.7
Prototype Pollution	medium	5.6
Prototype Pollution	low	3.7

Prototype Pollution	medium	5.6
Prototype Pollution	low	3.7
Prototype Pollution	medium	5.6
Prototype Pollution	low	3.7
Prototype Pollution	medium	5.6
Prototype Pollution	low	3.7
Prototype Pollution	medium	5.6
Prototype Pollution	low	3.7
Prototype Pollution	medium	5.6
Prototype Pollution	low	3.7
Prototype Pollution	medium	5.6
Prototype Pollution	low	3.7
Prototype Pollution	medium	5.6
Prototype Pollution	low	3.7
Prototype Pollution	medium	5.6
Prototype Pollution	low	3.7
Prototype Pollution	medium	5.6
Prototype Pollution	low	3.7
Prototype Pollution	medium	5.6
Prototype Pollution	low	3.7
Prototype Pollution	medium	5.6
Prototype Pollution	low	3.7
Prototype Pollution	medium	5.6
Prototype Pollution	low	3.7
Prototype Pollution	medium	5.6
Prototype Pollution	low	3.7
Prototype Pollution	medium	5.6
Prototype Pollution	high	7.5
Sandbox Bypass	medium	6.5
Prototype Pollution	medium	5.6
Regular Expression Denial of Service (ReDoS)	medium	5.3
Regular Expression Denial of Service (ReDoS)	medium	5.3
Regular Expression Denial of Service (ReDoS)	medium	5.3
Regular Expression Denial of Service (ReDoS)	medium	5.3
Regular Expression Denial of Service (ReDoS)	medium	5.3
Regular Expression Denial of Service (ReDoS)	medium	5.3
Remote Code Execution (RCE)	high	8.1
Remote Code Execution (RCE)	high	8.1

Validation Bypass	medium	6.5
Access Restriction Bypass	medium	6.5
Arbitrary Code Execution	critical	9.4
Cross-site Scripting (XSS)	medium	4.3
Cross-site Scripting (XSS)	medium	4.7
Cross-site Scripting (XSS)	medium	5.4
Information Exposure	high	8.8
Insecure Defaults	medium	5.3
Denial of Service (DoS)	high	7.5
User Interface (UI) Misrepresentation of Critical Information	medium	5.4
Arbitrary File Overwrite	high	8.2
Arbitrary File Overwrite	high	8.2
Regular Expression Denial of Service (ReDoS)	low	3.7
Arbitrary File Write	high	8.5
Arbitrary File Write	high	8.5
Arbitrary File Write	high	8.5
Arbitrary File Overwrite	high	8.2
Arbitrary File Overwrite	high	8.2
Regular Expression Denial of Service (ReDoS)	low	3.7
Arbitrary File Write	high	8.5
Arbitrary File Write	high	8.5
Arbitrary File Write	high	8.5
Arbitrary File Overwrite	high	8.2
Arbitrary File Overwrite	high	8.2
Regular Expression Denial of Service (ReDoS)	low	3.7
Arbitrary File Write	high	8.5
Arbitrary File Write	high	8.5
Arbitrary File Write	high	8.5
Denial of Service (DoS)	high	7.5
Regular Expression Denial of Service (ReDoS)	medium	5.3
Prototype Pollution	high	7.5
Prototype Pollution	high	7.5
Prototype Pollution	high	7.5
Prototype Pollution	high	7.5
Prototype Pollution	high	7.5
Regular Expression Denial of Service (ReDoS)	medium	5.3
Regular Expression Denial of Service (ReDoS)	medium	5.3
Regular Expression Denial of Service (ReDoS)	medium	5.3

Regular Expression Denial of Service (ReDoS)	medium	5.3
Regular Expression Denial of Service (ReDoS)	medium	5.3
Regular Expression Denial of Service (ReDoS)	medium	5.3
Arbitrary Code Injection	high	8.1
Access Restriction Bypass	high	7.3
Prototype Pollution	high	7.3
Prototype Pollution	high	7.3
Prototype Pollution	medium	5.6
Prototype Pollution	medium	5.6
Uninitialized Memory Exposure	high	7.1
Uninitialized Memory Exposure	high	7.1
Authentication Bypass	high	7.5
Forgeable Public/Private Tokens	high	8.7
Regular Expression Denial of Service (ReDoS)	medium	5.3
Regular Expression Denial of Service (ReDoS)	medium	5.9
Regular Expression Denial of Service (ReDoS)	low	3.7
Regular Expression Denial of Service (ReDoS)	high	7.5