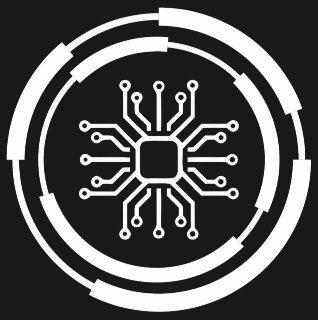
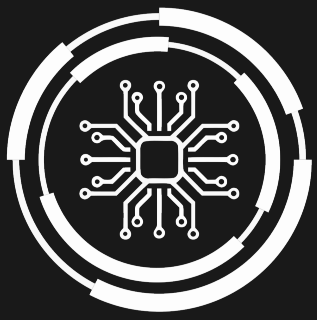


Manual & Security Audit for Train

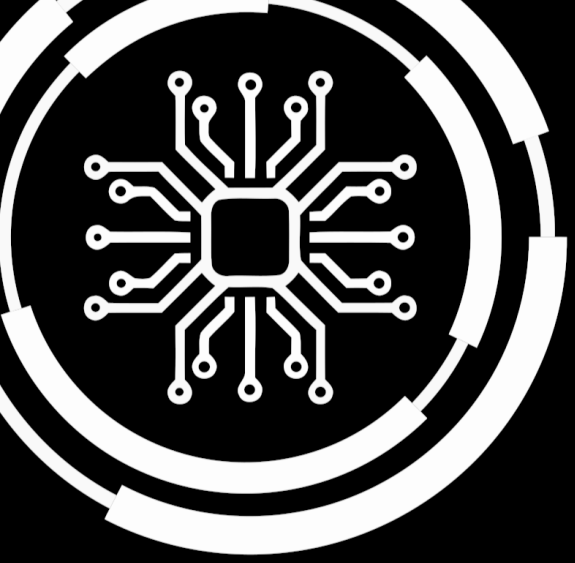
BreastCancerI

Karl Kindermann

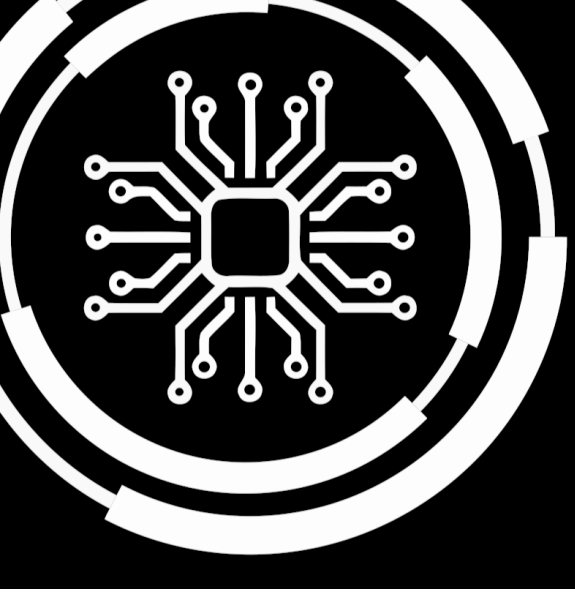


PADME-ANALYTICS.DE

First printing, January 31, 2024



Contents



1. Train Summary

1.1 Overview

- **Train name:** BreastCancerI
- **Creator of the train:** Karl Kindermann
- **Location:** `https://git.rwth-aachen.de/padme-development/padme-train-depot/-/archive/main/padme-train-depot-main.zip?path=BreastCancerI`

1.2 Image Building File

Listing 1.1: Image building file

```
FROM python:3.6


WORKDIR /app

# LABEL
LABEL envs="[{\"name\":\"FHIR_SERVER\",\"type\":\"string\",\"
   required\":true},{\"name\":\"FHIR_PORT\",\"type\":\"number
   \",\"required\":false}]"

COPY requirements.txt ./
RUN pip install --no-cache-dir -r requirements.txt

COPY . .

CMD [ "python", "./main.py" ]
```

1.3 Requirements & Dependencies

Listing 1.2: List of all Requirements

```
fhirpy
```

1.4 Code Base

Legend: env query retrieve_previous_results execute_analysis save log

```python
import os
import os.path as osp
from fhirpy import SyncFHIRClient

## output dir
here = osp.dirname(osp.abspath(__file__))
out_dir = osp.join(here, 'output')
if not os.path.exists(out_dir):
    os.makedirs(out_dir)

## output file
if not osp.exists(osp.join(out_dir, 'report.txt')):
    with open(osp.join(out_dir, 'report.txt'), 'w') as f:
        pass

## Define (input) variables from Docker Container environment variables
fhir_server = str(os.environ['FHIR_SERVER'])
fhir_port = str(os.environ['FHIR_PORT'])

print('http://{}:{}/fhir'.format(fhir_server, fhir_port))

# Create an instance
client = SyncFHIRClient('http://{}:{}/fhir'.format(fhir_server, fhir_port))
resources = ['Patient', 'Condition', 'Observation', 'Specimen']
# Search for Resource
with open(osp.join(out_dir, 'report.txt'), 'a') as f:
    for resource in resources:
        count = 0
        items = client.resources(resource)  # Return lazy search set
        for item in items:
            count = count + 1
        print("Number of '{}': {}".format(resource, count))
        f.write("Number of '{}': {} \n".format(resource, count))
print("Done")
```

Listing 1.3: main.py

```
{"resources":[{"id":"5bce186a-5005-4ca8-878e-9d8d4e0747c0","datasets":[{"id
    ":"3466461a-1e34-11ed-861d-0242ac120002"}]},{"id":"d7b0a9a7-07fd-4a31-
    b93a-3c946dc82667","datasets":[{"id":"5fc441e6-f160-11ec-8ea0-0242
    ac120002"}]}],"route":[{"id":"5bce186a-5005-4ca8-878e-9d8d4e0747c0","
    ownEnvs":[{"name":"FHIR_SERVER","value":"[redacted]"},{"name":"
    FHIR_PORT","value":"[redacted]"}]},{"id":"d7b0a9a7-07fd-4a31-b93a-3
    c946dc82667","ownEnvs":[{"name":"FHIR_SERVER","value":"[redacted]"
    },{"name":"FHIR_PORT","value":"[redacted]"}]}]}
```

Listing 1.4: route.json

```
.git
__pycache__
*.pyc
*.pyo
*.pyd
.Python
```

```
7 env
```

Listing 1.5: .dockerignore

1.5 Connection Parameters

Overall, 2 connection parameters have been found in the train:

Name	Type	Required?
FHIR_SERVER	string	True
FHIR_PORT	number	False

2. Static Train Analysis

Summary 2.1

- **Number of Lines:** 223758
- **Vulnerabilities per Line:** 0.0
- **Analysis Score:** 1.0

Total

Summary: Low: 0 Medium: 0 High: 0

2.1 SAST

Summary: Low: 0 Medium: 0 High: 0

Detailed Vulnerabilities:

2.2 Secret Detection

Summary: Low: 0 Medium: 0 High: 0

Detailed Secret Detection:

2.3 Dependency Analysis

Summary: Low: 0 Medium: 0 High: 0

Detailed Dependency Analysis:

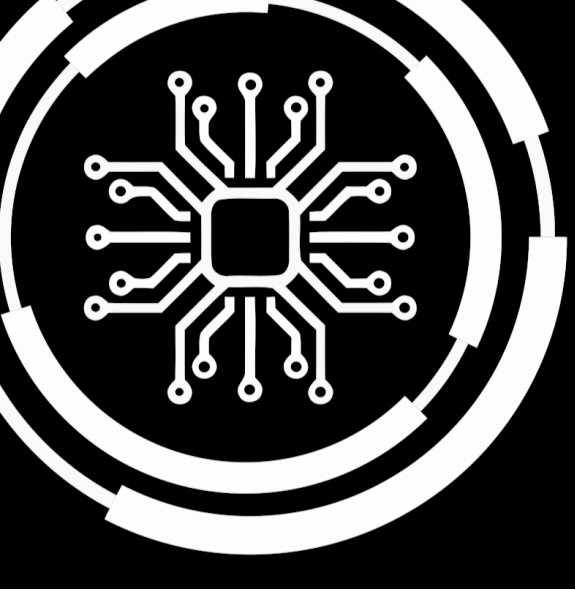
2.4 Blacklist Detection

The following patterns have been configured:

`\bPOST\b`

The following matches have been found:

None



3. Train Image Analysis

3.1 Vulnerabilities

Summary: Low: 297 Medium: 168 High: 113 Critical: 35

Detailed Vulnerabilities:

Critical:

Vulnerability 3.1

Test-specific ID: SNYK-DEBIAN11-AOM-1290331 **Severity:** critical
Identifiers: **Message**:Release of Invalid Pointer or Reference

Vulnerability 3.2

Test-specific ID: SNYK-DEBIAN11-AOM-1298721 **Severity:** critical
Identifiers: **Message**:Use After Free

Vulnerability 3.3

Test-specific ID: SNYK-DEBIAN11-AOM-1300249 **Severity:** critical
Identifiers: **Message**:Buffer Overflow

Vulnerability 3.4

Test-specific ID: SNYK-DEBIAN11-APR-3261105 **Severity:** critical
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.5

Test-specific ID: SNYK-DEBIAN11-CURL-1585150 **Severity:** critical
Identifiers: **Message**:Double Free

Vulnerability 3.6

Test-specific ID: SNYK-DEBIAN11-CURL-2936229 **Severity:** critical
Identifiers: **Message**:Incorrect Default Permissions

Vulnerability 3.7

Test-specific ID: SNYK-DEBIAN11-CURL-3065656 **Severity:** critical
Identifiers: **Message**:Exposure of Resource to Wrong Sphere

Vulnerability 3.8

Test-specific ID: SNYK-DEBIAN11-CURL-3320493 **Severity:** critical
Identifiers: **Message**:Cleartext Transmission of Sensitive Information

Vulnerability 3.9

Test-specific ID: SNYK-DEBIAN11-CURL-5955037 **Severity:** critical
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.10

Test-specific ID: SNYK-DEBIAN11-DPKG-2847942 **Severity:** critical
Identifiers: **Message**:Directory Traversal

Vulnerability 3.11

Test-specific ID: SNYK-DEBIAN11-EXPAT-2331802 **Severity:** critical

Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.12

Test-specific ID: SNYK-DEBIAN11-EXPAT-2331808 **Severity:** critical
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.13

Test-specific ID: SNYK-DEBIAN11-EXPAT-2331811 **Severity:** critical
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.14

Test-specific ID: SNYK-DEBIAN11-EXPAT-2359255 **Severity:** critical
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.15

Test-specific ID: SNYK-DEBIAN11-EXPAT-2403510 **Severity:** critical
Identifiers: **Message**:Exposure of Resource to Wrong Sphere

Vulnerability 3.16

Test-specific ID: SNYK-DEBIAN11-EXPAT-2403512 **Severity:** critical
Identifiers: **Message**:Improper Encoding or Escaping of Output

Vulnerability 3.17

Test-specific ID: SNYK-DEBIAN11-EXPAT-2406127 **Severity:** critical
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.18

Test-specific ID: SNYK-DEBIAN11-FREETYPE-2774656 **Severity:** critical
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.19

Test-specific ID: SNYK-DEBIAN11-GIT-3232722 **Severity:** critical
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.20

Test-specific ID: SNYK-DEBIAN11-GIT-3232724 **Severity:** critical
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.21

Test-specific ID: SNYK-DEBIAN11-GLIBC-1296898 **Severity:** critical
Identifiers: **Message**:Use After Free

Vulnerability 3.22

Test-specific ID: SNYK-DEBIAN11-GLIBC-2340908 **Severity:** critical
Identifiers: **Message**:Buffer Overflow

Vulnerability 3.23

Test-specific ID: SNYK-DEBIAN11-GLIBC-2340922 **Severity:** critical
Identifiers: **Message**:Buffer Overflow

Vulnerability 3.24

Test-specific ID: SNYK-DEBIAN11-LIBDE265-2445047 **Severity:** critical
Identifiers: **Message**:Heap-based Buffer Overflow

Vulnerability 3.25

Test-specific ID: SNYK-DEBIAN11-LIBKSBA-3050753 **Severity:** critical
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.26
Test-specific ID: SNYK-DEBIAN11-LIBKSBA-3179188 **Severity:** critical
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.27
Test-specific ID: SNYK-DEBIAN11-LIBTASN16-3061097 **Severity:** critical
Identifiers: **Message**:Off-by-one Error

Vulnerability 3.28
Test-specific ID: SNYK-DEBIAN11-OPENLDAP-2808413 **Severity:** critical
Identifiers: **Message**:SQL Injection

Vulnerability 3.29
Test-specific ID: SNYK-DEBIAN11-OPENSSH-5788321 **Severity:** critical
Identifiers: **Message**:Unquoted Search Path or Element

Vulnerability 3.30
Test-specific ID: SNYK-DEBIAN11-OPENSSL-2807596 **Severity:** critical
Identifiers: **Message**:OS Command Injection

Vulnerability 3.31
Test-specific ID: SNYK-DEBIAN11-OPENSSL-2933518 **Severity:** critical
Identifiers: **Message**:OS Command Injection

Vulnerability 3.32
Test-specific ID: SNYK-DEBIAN11-PCRE2-2808697 **Severity:** critical
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.33
Test-specific ID: SNYK-DEBIAN11-PCRE2-2808704 **Severity:** critical
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.34
Test-specific ID: SNYK-DEBIAN11-ZLIB-2976151 **Severity:** critical
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.35
Test-specific ID: SNYK-DEBIAN11-ZLIB-6008961 **Severity:** critical
Identifiers: **Message**:Integer Overflow or Wraparound

High:

Vulnerability 3.36
Test-specific ID: SNYK-DEBIAN11-AOM-2309719 **Severity:** high
Identifiers: **Message**:Buffer Overflow

Vulnerability 3.37
Test-specific ID: SNYK-DEBIAN11-AOM-2309736 **Severity:** high
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.38
Test-specific ID: SNYK-DEBIAN11-CURL-1585138 **Severity:** high
Identifiers: **Message**:Cleartext Transmission of Sensitive Information

Vulnerability 3.39
Test-specific ID: SNYK-DEBIAN11-CURL-2804164 **Severity:** high
Identifiers: **Message**:CVE-2022-27775

Vulnerability 3.40
Test-specific ID: SNYK-DEBIAN11-CURL-2805482 **Severity:** high
Identifiers: **Message**:Missing Authentication for Critical Function

Vulnerability 3.41
Test-specific ID: SNYK-DEBIAN11-CURL-2813769 **Severity:** high
Identifiers: **Message**:Improper Certificate Validation

Vulnerability 3.42
Test-specific ID: SNYK-DEBIAN11-CURL-2813773 **Severity:** high
Identifiers: **Message**:Loop with Unreachable Exit Condition (’Infinite Loop’)

Vulnerability 3.43
Test-specific ID: SNYK-DEBIAN11-CURL-3066040 **Severity:** high
Identifiers: **Message**:Cleartext Transmission of Sensitive Information

Vulnerability 3.44
Test-specific ID: SNYK-DEBIAN11-CURL-3179181 **Severity:** high
Identifiers: **Message**:Cleartext Transmission of Sensitive Information

Vulnerability 3.45
Test-specific ID: SNYK-DEBIAN11-CURL-3366762 **Severity:** high
Identifiers: **Message**:Directory Traversal

Vulnerability 3.46
Test-specific ID: SNYK-DEBIAN11-CURL-3366772 **Severity:** high
Identifiers: **Message**:Arbitrary Code Injection

Vulnerability 3.47
Test-specific ID: SNYK-DEBIAN11-CYRUSSASL2-2412223 **Severity:** high
Identifiers: **Message**:SQL Injection

Vulnerability 3.48
Test-specific ID: SNYK-DEBIAN11-EXPAT-2329086 **Severity:** high
Identifiers: **Message**:Incorrect Calculation

Vulnerability 3.49
Test-specific ID: SNYK-DEBIAN11-EXPAT-2330887 **Severity:** high
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.50
Test-specific ID: SNYK-DEBIAN11-EXPAT-2331798 **Severity:** high
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.51
Test-specific ID: SNYK-DEBIAN11-EXPAT-2331806 **Severity:** high
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.52
Test-specific ID: SNYK-DEBIAN11-EXPAT-2331819 **Severity:** high
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.53
Test-specific ID: SNYK-DEBIAN11-EXPAT-2384928 **Severity:** high
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.54
Test-specific ID: SNYK-DEBIAN11-EXPAT-2405943 **Severity:** high
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.55
Test-specific ID: SNYK-DEBIAN11-EXPAT-3023031 **Severity:** high
Identifiers: **Message**:Use After Free

Vulnerability 3.56
Test-specific ID: SNYK-DEBIAN11-EXPAT-3061093 **Severity:** high
Identifiers: **Message**:Use After Free

Vulnerability 3.57
Test-specific ID: SNYK-DEBIAN11-FREETYPE-2774654 **Severity:** high
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.58
Test-specific ID: SNYK-DEBIAN11-FREETYPE-2774664 **Severity:** high
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.59
Test-specific ID: SNYK-DEBIAN11-FRIBIDI-2433109 **Severity:** high
Identifiers: **Message**:Stack-based Buffer Overflow

Vulnerability 3.60
Test-specific ID: SNYK-DEBIAN11-GDKPIXBUF-2338604 **Severity:** high
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.61

Test-specific ID: SNYK-DEBIAN11-GDKPIXBUF-2960116 **Severity:** high
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.62

Test-specific ID: SNYK-DEBIAN11-GIT-2635965 **Severity:** high
Identifiers: **Message**:Uncontrolled Search Path Element

Vulnerability 3.63

Test-specific ID: SNYK-DEBIAN11-GIT-2949145 **Severity:** high
Identifiers: **Message**:Improper Ownership Management

Vulnerability 3.64

Test-specific ID: SNYK-DEBIAN11-GIT-3051727 **Severity:** high
Identifiers: **Message**:Heap-based Buffer Overflow

Vulnerability 3.65

Test-specific ID: SNYK-DEBIAN11-GIT-3319756 **Severity:** high
Identifiers: **Message**:Directory Traversal

Vulnerability 3.66

Test-specific ID: SNYK-DEBIAN11-GLIBC-1911968 **Severity:** high
Identifiers: **Message**:CVE-2021-43396

Vulnerability 3.67

Test-specific ID: SNYK-DEBIAN11-GLIBC-2340919 **Severity:** high
Identifiers: **Message**:Off-by-one Error

Vulnerability 3.68
Test-specific ID: SNYK-DEBIAN11-GLIBC-5927133 **Severity:** high
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.69
Test-specific ID: SNYK-DEBIAN11-GNUTLS28-2964220 **Severity:** high
Identifiers: **Message**:Double Free

Vulnerability 3.70
Test-specific ID: SNYK-DEBIAN11-GNUTLS28-3318299 **Severity:** high
Identifiers: **Message**:Information Exposure

Vulnerability 3.71
Test-specific ID: SNYK-DEBIAN11-GZIP-2444256 **Severity:** high
Identifiers: **Message**:Improper Input Validation

Vulnerability 3.72
Test-specific ID: SNYK-DEBIAN11-KRB5-3120880 **Severity:** high
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.73
Test-specific ID: SNYK-DEBIAN11-LIBDE265-1585966 **Severity:** high
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.74
Test-specific ID: SNYK-DEBIAN11-LIBDE265-2359240 **Severity:** high
Identifiers: **Message**:Reachable Assertion

Vulnerability 3.75

Test-specific ID: SNYK-DEBIAN11-LIBDE265-3227414 **Severity:** high
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.76

Test-specific ID: SNYK-DEBIAN11-LIBDE265-3336916 **Severity:** high
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.77

Test-specific ID: SNYK-DEBIAN11-LIBDE265-3342948 **Severity:** high
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.78

Test-specific ID: SNYK-DEBIAN11-LIBDE265-3342951 **Severity:** high
Identifiers: **Message**:Buffer Overflow

Vulnerability 3.79

Test-specific ID: SNYK-DEBIAN11-LIBTIRPC-2959390 **Severity:** high
Identifiers: **Message**:Improper Handling of Exceptional Conditions

Vulnerability 3.80

Test-specific ID: SNYK-DEBIAN11-LIBWEBP-5489177 **Severity:** high
Identifiers: **Message**:Double Free

Vulnerability 3.81

Test-specific ID: SNYK-DEBIAN11-LIBWEBP-5893094 **Severity:** high
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.82
Test-specific ID: SNYK-DEBIAN11-LIBX11-5710893 **Severity:** high
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.83
Test-specific ID: SNYK-DEBIAN11-LIBX11-5927150 **Severity:** high
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.84
Test-specific ID: SNYK-DEBIAN11-LIBXML2-2413974 **Severity:** high
Identifiers: **Message**:Use After Free

Vulnerability 3.85
Test-specific ID: SNYK-DEBIAN11-LIBXML2-3059797 **Severity:** high
Identifiers: **Message**:Double Free

Vulnerability 3.86
Test-specific ID: SNYK-DEBIAN11-LIBXML2-3059801 **Severity:** high
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.87
Test-specific ID: SNYK-DEBIAN11-LIBXSLT-2964230 **Severity:** high
Identifiers: **Message**:Use After Free

Vulnerability 3.88
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2389248 **Severity:** high
Identifiers: **Message**:Use After Free

Vulnerability 3.89
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2396504 **Severity:** high
Identifiers: **Message**:Heap-based Buffer Overflow

Vulnerability 3.90
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2396508 **Severity:** high
Identifiers: **Message**:Use After Free

Vulnerability 3.91
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2396510 **Severity:** high
Identifiers: **Message**:Use of Externally-Controlled Format String

Vulnerability 3.92
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2396518 **Severity:** high
Identifiers: **Message**:Stack-based Buffer Overflow

Vulnerability 3.93
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2766283 **Severity:** high
Identifiers: **Message**:CVE-2022-27446

Vulnerability 3.94
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2766285 **Severity:** high
Identifiers: **Message**:Reachable Assertion

Vulnerability 3.95
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2766288 **Severity:** high
Identifiers: **Message**:CVE-2022-27449

Vulnerability 3.96

Test-specific ID: SNYK-DEBIAN11-MARIADB105-2766292 **Severity:** high
Identifiers: **Message**:Use After Free

Vulnerability 3.97

Test-specific ID: SNYK-DEBIAN11-MARIADB105-2766308 **Severity:** high
Identifiers: **Message**:CVE-2022-27445

Vulnerability 3.98

Test-specific ID: SNYK-DEBIAN11-MARIADB105-2766310 **Severity:** high
Identifiers: **Message**:CVE-2022-27444

Vulnerability 3.99

Test-specific ID: SNYK-DEBIAN11-MARIADB105-2766315 **Severity:** high
Identifiers: **Message**:CVE-2022-27451

Vulnerability 3.100

Test-specific ID: SNYK-DEBIAN11-MARIADB105-2766316 **Severity:** high
Identifiers: **Message**:CVE-2022-27452

Vulnerability 3.101

Test-specific ID: SNYK-DEBIAN11-MARIADB105-2766356 **Severity:** high
Identifiers: **Message**:SQL Injection

Vulnerability 3.102

Test-specific ID: SNYK-DEBIAN11-MARIADB105-2766359 **Severity:** high
Identifiers: **Message**:Use After Free

Vulnerability 3.103
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2766368 **Severity:** high
Identifiers: **Message**:SQL Injection

Vulnerability 3.104
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2766381 **Severity:** high
Identifiers: **Message**:SQL Injection

Vulnerability 3.105
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2766382 **Severity:** high
Identifiers: **Message**:Use After Free

Vulnerability 3.106
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2766385 **Severity:** high
Identifiers: **Message**:SQL Injection

Vulnerability 3.107
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2766386 **Severity:** high
Identifiers: **Message**:Reachable Assertion

Vulnerability 3.108
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2766389 **Severity:** high
Identifiers: **Message**:Use After Free

Vulnerability 3.109
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2766399 **Severity:** high
Identifiers: **Message**:Use After Free

Vulnerability 3.110
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2766407 **Severity:** high
Identifiers: **Message**:SQL Injection

Vulnerability 3.111
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2766416 **Severity:** high
Identifiers: **Message**:Use After Free

Vulnerability 3.112
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2766420 **Severity:** high
Identifiers: **Message**:Use After Free

Vulnerability 3.113
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2766425 **Severity:** high
Identifiers: **Message**:Use After Free

Vulnerability 3.114
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2766429 **Severity:** high
Identifiers: **Message**:SQL Injection

Vulnerability 3.115
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2766432 **Severity:** high
Identifiers: **Message**:Buffer Overflow

Vulnerability 3.116
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2766434 **Severity:** high
Identifiers: **Message**:SQL Injection

Vulnerability 3.117
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2940556 **Severity:** high
Identifiers: **Message**:Use After Free

Vulnerability 3.118
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2940559 **Severity:** high
Identifiers: **Message**:CVE-2022-32086

Vulnerability 3.119
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2940561 **Severity:** high
Identifiers: **Message**:CVE-2022-32087

Vulnerability 3.120
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2940567 **Severity:** high
Identifiers: **Message**:CVE-2022-32088

Vulnerability 3.121
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2940570 **Severity:** high
Identifiers: **Message**:CVE-2022-32089

Vulnerability 3.122
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2940577 **Severity:** high
Identifiers: **Message**:Reachable Assertion

Vulnerability 3.123
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2940579 **Severity:** high
Identifiers: **Message**:CVE-2022-32083

Vulnerability 3.124
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2940587 **Severity:** high
Identifiers: **Message**:CVE-2022-32084

Vulnerability 3.125
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2940588 **Severity:** high
Identifiers: **Message**:Use After Free

Vulnerability 3.126
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2940589 **Severity:** high
Identifiers: **Message**:CVE-2022-32085

Vulnerability 3.127
Test-specific ID: SNYK-DEBIAN11-NCURSES-2767191 **Severity:** high
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.128
Test-specific ID: SNYK-DEBIAN11-NCURSES-5421197 **Severity:** high
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.129
Test-specific ID: SNYK-DEBIAN11-NGHTTP2-5953384 **Severity:** high
Identifiers: **Message**:Resource Exhaustion

Vulnerability 3.130
Test-specific ID: SNYK-DEBIAN11-OPENSSH-1660415 **Severity:** high
Identifiers: **Message**:Improper Privilege Management

Vulnerability 3.131
Test-specific ID: SNYK-DEBIAN11-OPENSSH-6139206 **Severity:** high
Identifiers: **Message**:CVE-2023-51767

Vulnerability 3.132
Test-specific ID: SNYK-DEBIAN11-OPENSSL-2426309 **Severity:** high
Identifiers: **Message**:Loop with Unreachable Exit Condition (’Infinite Loop’)

Vulnerability 3.133
Test-specific ID: SNYK-DEBIAN11-OPENSSL-3314584 **Severity:** high
Identifiers: **Message**:Access of Resource Using Incompatible Type (’Type Confusion’)

Vulnerability 3.134
Test-specific ID: SNYK-DEBIAN11-OPENSSL-3314604 **Severity:** high
Identifiers: **Message**:Use After Free

Vulnerability 3.135
Test-specific ID: SNYK-DEBIAN11-OPENSSL-3314615 **Severity:** high
Identifiers: **Message**:Double Free

Vulnerability 3.136
Test-specific ID: SNYK-DEBIAN11-OPENSSL-3368735 **Severity:** high
Identifiers: **Message**:Improper Certificate Validation

Vulnerability 3.137
Test-specific ID: SNYK-DEBIAN11-PIXMAN-3099045 **Severity:** high
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.138

Test-specific ID: SNYK-DEBIAN11-POSTGRESQL13-2824086 **Severity:** high
Identifiers: **Message**:Incomplete Cleanup

Vulnerability 3.139

Test-specific ID: SNYK-DEBIAN11-POSTGRESQL13-2980116 **Severity:** high
Identifiers: **Message**:Improperly Controlled Modification of Object Prototype Attributes ('Prototype Pollution')

Vulnerability 3.140

Test-specific ID: SNYK-DEBIAN11-POSTGRESQL13-5519349 **Severity:** high
Identifiers: **Message**:CVE-2023-2454

Vulnerability 3.141

Test-specific ID: SNYK-DEBIAN11-POSTGRESQL13-5838224 **Severity:** high
Identifiers: **Message**:SQL Injection

Vulnerability 3.142

Test-specific ID: SNYK-DEBIAN11-POSTGRESQL13-6055641 **Severity:** high
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.143

Test-specific ID: SNYK-DEBIAN11-SUBVERSION-2635643 **Severity:** high
Identifiers: **Message**:Use After Free

Vulnerability 3.144

Test-specific ID: SNYK-DEBIAN11-TIFF-2420602 **Severity:** high
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.145
Test-specific ID: SNYK-DEBIAN11-TIFF-3113871 **Severity:** high
Identifiers: **Message**:Numeric Errors

Vulnerability 3.146
Test-specific ID: SNYK-DEBIAN11-TIFF-5747600 **Severity:** high
Identifiers: **Message**:Buffer Overflow

Vulnerability 3.147
Test-specific ID: SNYK-DEBIAN11-XZUTILS-2444276 **Severity:** high
Identifiers: **Message**:Improper Input Validation

Vulnerability 3.148
Test-specific ID: SNYK-DEBIAN11-ZLIB-2433933 **Severity:** high
Identifiers: **Message**:Out-of-bounds Write

Medium:

Vulnerability 3.149
Test-specific ID: SNYK-DEBIAN11-AOM-2309717 **Severity:** medium
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.150
Test-specific ID: SNYK-DEBIAN11-AOM-2309727 **Severity:** medium
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.151
Test-specific ID: SNYK-DEBIAN11-APRUTIL-3261250 **Severity:** medium
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.152
Test-specific ID: SNYK-DEBIAN11-BLUEZ-6112466 **Severity:** medium
Identifiers: **Message**:Improper Authentication

Vulnerability 3.153
Test-specific ID: SNYK-DEBIAN11-CURL-1585148 **Severity:** medium
Identifiers: **Message**:Insufficient Verification of Data Authenticity

Vulnerability 3.154
Test-specific ID: SNYK-DEBIAN11-CURL-2804158 **Severity:** medium
Identifiers: **Message**:Insufficiently Protected Credentials

Vulnerability 3.155
Test-specific ID: SNYK-DEBIAN11-CURL-2804167 **Severity:** medium
Identifiers: **Message**:Insufficiently Protected Credentials

Vulnerability 3.156
Test-specific ID: SNYK-DEBIAN11-CURL-2936232 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.157
Test-specific ID: SNYK-DEBIAN11-CURL-2936233 **Severity:** medium
Identifiers: **Message**:Allocation of Resources Without Limits or Throttling

Vulnerability 3.158
Test-specific ID: SNYK-DEBIAN11-CURL-2936235 **Severity:** medium
Identifiers: **Message**:Allocation of Resources Without Limits or Throttling

Vulnerability 3.159
Test-specific ID: SNYK-DEBIAN11-CURL-3179186 **Severity:** medium
Identifiers: **Message**:Use After Free

Vulnerability 3.160
Test-specific ID: SNYK-DEBIAN11-CURL-3320492 **Severity:** medium
Identifiers: **Message**:Cleartext Transmission of Sensitive Information

Vulnerability 3.161
Test-specific ID: SNYK-DEBIAN11-CURL-3320498 **Severity:** medium
Identifiers: **Message**:Allocation of Resources Without Limits or Throttling

Vulnerability 3.162
Test-specific ID: SNYK-DEBIAN11-CURL-3366760 **Severity:** medium
Identifiers: **Message**:Improper Authentication

Vulnerability 3.163
Test-specific ID: SNYK-DEBIAN11-CURL-3366763 **Severity:** medium
Identifiers: **Message**:Improper Authentication

Vulnerability 3.164
Test-specific ID: SNYK-DEBIAN11-CURL-3366765 **Severity:** medium
Identifiers: **Message**:Improper Authentication

Vulnerability 3.165
Test-specific ID: SNYK-DEBIAN11-CURL-5561876 **Severity:** medium
Identifiers: **Message**:Improper Certificate Validation

Vulnerability 3.166
Test-specific ID: SNYK-DEBIAN11-CURL-6100976 **Severity:** medium
Identifiers: **Message**:CVE-2023-46218

Vulnerability 3.167
Test-specific ID: SNYK-DEBIAN11-CURL-6100978 **Severity:** medium
Identifiers: **Message**:Missing Encryption of Sensitive Data

Vulnerability 3.168
Test-specific ID: SNYK-DEBIAN11-EXPAT-2405941 **Severity:** medium
Identifiers: **Message**:Uncontrolled Recursion

Vulnerability 3.169
Test-specific ID: SNYK-DEBIAN11-FILE-5849472 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.170
Test-specific ID: SNYK-DEBIAN11-FRIBIDI-2433110 **Severity:** medium
Identifiers: **Message**:Heap-based Buffer Overflow

Vulnerability 3.171
Test-specific ID: SNYK-DEBIAN11-FRIBIDI-2433114 **Severity:** medium
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.172
Test-specific ID: SNYK-DEBIAN11-GIT-3051720 **Severity:** medium
Identifiers: **Message**:Link Following

Vulnerability 3.173
Test-specific ID: SNYK-DEBIAN11-GIT-3319754 **Severity:** medium
Identifiers: **Message**:Link Following

Vulnerability 3.174
Test-specific ID: SNYK-DEBIAN11-GNUPG2-2939851 **Severity:** medium
Identifiers: **Message**:Arbitrary Code Injection

Vulnerability 3.175
Test-specific ID: SNYK-DEBIAN11-GNUTLS28-2419151 **Severity:** medium
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.176
Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-3314439 **Severity:** medium
Identifiers: **Message**:Improper Resource Shutdown or Release

Vulnerability 3.177
Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-3314444 **Severity:** medium
Identifiers: **Message**:CVE-2022-44268

Vulnerability 3.178
Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-5746983 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.179
Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-5933305 **Severity:** medium
Identifiers: **Message**:Use After Free

Vulnerability 3.180
Test-specific ID: SNYK-DEBIAN11-KRB5-5825661 **Severity:** medium
Identifiers: **Message**:Access of Uninitialized Pointer

Vulnerability 3.181
Test-specific ID: SNYK-DEBIAN11-LIBDE265-1585960 **Severity:** medium
Identifiers: **Message**:CVE-2020-21605

Vulnerability 3.182
Test-specific ID: SNYK-DEBIAN11-LIBDE265-1585961 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.183
Test-specific ID: SNYK-DEBIAN11-LIBDE265-1585963 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.184
Test-specific ID: SNYK-DEBIAN11-LIBDE265-1585964 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.185
Test-specific ID: SNYK-DEBIAN11-LIBDE265-1585967 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.186
Test-specific ID: SNYK-DEBIAN11-LIBDE265-1585984 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.187

Test-specific ID: SNYK-DEBIAN11-LIBDE265-1585991 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.188

Test-specific ID: SNYK-DEBIAN11-LIBDE265-1585995 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.189

Test-specific ID: SNYK-DEBIAN11-LIBDE265-1585997 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.190

Test-specific ID: SNYK-DEBIAN11-LIBDE265-1586004 **Severity:** medium
Identifiers: **Message**:Buffer Overflow

Vulnerability 3.191

Test-specific ID: SNYK-DEBIAN11-LIBDE265-1586007 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.192

Test-specific ID: SNYK-DEBIAN11-LIBDE265-1586008 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.193

Test-specific ID: SNYK-DEBIAN11-LIBDE265-2359235 **Severity:** medium
Identifiers: **Message**:Use After Free

Vulnerability 3.194
Test-specific ID: SNYK-DEBIAN11-LIBDE265-2359244 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.195
Test-specific ID: SNYK-DEBIAN11-LIBDE265-2359245 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.196
Test-specific ID: SNYK-DEBIAN11-LIBDE265-2359246 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.197
Test-specific ID: SNYK-DEBIAN11-LIBDE265-3098976 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.198
Test-specific ID: SNYK-DEBIAN11-LIBDE265-3098978 **Severity:** medium
Identifiers: **Message**:CVE-2022-43245

Vulnerability 3.199
Test-specific ID: SNYK-DEBIAN11-LIBDE265-3098979 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.200
Test-specific ID: SNYK-DEBIAN11-LIBDE265-3098986 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.201
Test-specific ID: SNYK-DEBIAN11-LIBDE265-3098990 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.202
Test-specific ID: SNYK-DEBIAN11-LIBDE265-3098995 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.203
Test-specific ID: SNYK-DEBIAN11-LIBDE265-3098997 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.204
Test-specific ID: SNYK-DEBIAN11-LIBDE265-3098999 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.205
Test-specific ID: SNYK-DEBIAN11-LIBDE265-3099002 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.206
Test-specific ID: SNYK-DEBIAN11-LIBDE265-3099003 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.207
Test-specific ID: SNYK-DEBIAN11-LIBDE265-3099006 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.208
Test-specific ID: SNYK-DEBIAN11-LIBDE265-3099011 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.209
Test-specific ID: SNYK-DEBIAN11-LIBDE265-3099012 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.210
Test-specific ID: SNYK-DEBIAN11-LIBDE265-3099021 **Severity:** medium
Identifiers: **Message**:CVE-2022-43238

Vulnerability 3.211
Test-specific ID: SNYK-DEBIAN11-LIBDE265-3099026 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.212
Test-specific ID: SNYK-DEBIAN11-LIBDE265-3099031 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.213
Test-specific ID: SNYK-DEBIAN11-LIBDE265-3336900 **Severity:** medium
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.214
Test-specific ID: SNYK-DEBIAN11-LIBDE265-3336902 **Severity:** medium
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.215

Test-specific ID: SNYK-DEBIAN11-LIBDE265-3336903 **Severity:** medium
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.216

Test-specific ID: SNYK-DEBIAN11-LIBDE265-3336908 **Severity:** medium
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.217

Test-specific ID: SNYK-DEBIAN11-LIBDE265-3336909 **Severity:** medium
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.218

Test-specific ID: SNYK-DEBIAN11-LIBDE265-3336912 **Severity:** medium
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.219

Test-specific ID: SNYK-DEBIAN11-LIBDE265-3336917 **Severity:** medium
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.220

Test-specific ID: SNYK-DEBIAN11-LIBRSVG-5802977 **Severity:** medium
Identifiers: **Message**:Directory Traversal

Vulnerability 3.221

Test-specific ID: SNYK-DEBIAN11-LIBX11-5927151 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.222

Test-specific ID: SNYK-DEBIAN11-LIBX11-5927154 **Severity:** medium
Identifiers: **Message**:Loop with Unreachable Exit Condition ('Infinite Loop')

Vulnerability 3.223

Test-specific ID: SNYK-DEBIAN11-LIBXML2-2806812 **Severity:** medium
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.224

Test-specific ID: SNYK-DEBIAN11-LIBXML2-5423817 **Severity:** medium
Identifiers: **Message**:Double Free

Vulnerability 3.225

Test-specific ID: SNYK-DEBIAN11-LIBXML2-5423819 **Severity:** medium
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.226

Test-specific ID: SNYK-DEBIAN11-MARIADB105-1924613 **Severity:** medium
Identifiers: **Message**:CVE-2021-35604

Vulnerability 3.227

Test-specific ID: SNYK-DEBIAN11-MARIADB105-2388609 **Severity:** medium
Identifiers: **Message**:CVE-2021-46659

Vulnerability 3.228

Test-specific ID: SNYK-DEBIAN11-MARIADB105-2389246 **Severity:** medium
Identifiers: **Message**:CVE-2021-46663

Vulnerability 3.229

Test-specific ID: SNYK-DEBIAN11-MARIADB105-2389259 **Severity:** medium
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.230

Test-specific ID: SNYK-DEBIAN11-MARIADB105-2389263 **Severity:** medium
Identifiers: **Message**:CVE-2021-46662

Vulnerability 3.231

Test-specific ID: SNYK-DEBIAN11-MARIADB105-2389276 **Severity:** medium
Identifiers: **Message**:Resource Exhaustion

Vulnerability 3.232

Test-specific ID: SNYK-DEBIAN11-MARIADB105-2389278 **Severity:** medium
Identifiers: **Message**:CVE-2021-46661

Vulnerability 3.233

Test-specific ID: SNYK-DEBIAN11-MARIADB105-2389279 **Severity:** medium
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.234

Test-specific ID: SNYK-DEBIAN11-MARIADB105-2389297 **Severity:** medium
Identifiers: **Message**:CVE-2021-46665

Vulnerability 3.235

Test-specific ID: SNYK-DEBIAN11-MARIADB105-2848384 **Severity:** medium
Identifiers: **Message**:Improper Locking

Vulnerability 3.236
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2848388 **Severity:** medium
Identifiers: **Message**:Improper Locking

Vulnerability 3.237
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2848393 **Severity:** medium
Identifiers: **Message**:Improper Locking

Vulnerability 3.238
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2848395 **Severity:** medium
Identifiers: **Message**:Improper Locking

Vulnerability 3.239
Test-specific ID: SNYK-DEBIAN11-MARIADB105-2994376 **Severity:** medium
Identifiers: **Message**:Improper Locking

Vulnerability 3.240
Test-specific ID: SNYK-DEBIAN11-MARIADB105-3325557 **Severity:** medium
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.241
Test-specific ID: SNYK-DEBIAN11-OPENEXR-1300562 **Severity:** medium
Identifiers: **Message**:Integer Underflow

Vulnerability 3.242
Test-specific ID: SNYK-DEBIAN11-OPENEXR-1300568 **Severity:** medium
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.243

Test-specific ID: SNYK-DEBIAN11-OPENEXR-1304909 **Severity:** medium
Identifiers: **Message**:Out-of-Bounds

Vulnerability 3.244

Test-specific ID: SNYK-DEBIAN11-OPENEXR-1310951 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.245

Test-specific ID: SNYK-DEBIAN11-OPENEXR-1913908 **Severity:** medium
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.246

Test-specific ID: SNYK-DEBIAN11-OPENEXR-1913915 **Severity:** medium
Identifiers: **Message**:Divide By Zero

Vulnerability 3.247

Test-specific ID: SNYK-DEBIAN11-OPENEXR-2329539 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.248

Test-specific ID: SNYK-DEBIAN11-OPENSSH-6130525 **Severity:** medium
Identifiers: **Message**:OS Command Injection

Vulnerability 3.249

Test-specific ID: SNYK-DEBIAN11-OPENSSH-6130527 **Severity:** medium
Identifiers: **Message**:Improper Validation of Integrity Check Value

Vulnerability 3.250
Test-specific ID: SNYK-DEBIAN11-OPENSSL-2388380 **Severity:** medium
Identifiers: **Message**:CVE-2021-4160

Vulnerability 3.251
Test-specific ID: SNYK-DEBIAN11-OPENSSL-2941242 **Severity:** medium
Identifiers: **Message**:Use of a Broken or Risky Cryptographic Algorithm

Vulnerability 3.252
Test-specific ID: SNYK-DEBIAN11-OPENSSL-3314592 **Severity:** medium
Identifiers: **Message**:Information Exposure

Vulnerability 3.253
Test-specific ID: SNYK-DEBIAN11-OPENSSL-5291773 **Severity:** medium
Identifiers: **Message**:Improper Certificate Validation

Vulnerability 3.254
Test-specific ID: SNYK-DEBIAN11-OPENSSL-5291777 **Severity:** medium
Identifiers: **Message**:Improper Certificate Validation

Vulnerability 3.255
Test-specific ID: SNYK-DEBIAN11-OPENSSL-5661566 **Severity:** medium
Identifiers: **Message**:Allocation of Resources Without Limits or Throttling

Vulnerability 3.256
Test-specific ID: SNYK-DEBIAN11-OPENSSL-5788324 **Severity:** medium
Identifiers: **Message**:Inefficient Regular Expression Complexity

Vulnerability 3.257

Test-specific ID: SNYK-DEBIAN11-OPENSSL-5812634 **Severity:** medium
Identifiers: **Message**:Excessive Iteration

Vulnerability 3.258

Test-specific ID: SNYK-DEBIAN11-POSTGRESQL13-5519351 **Severity:** medium
Identifiers: **Message**:CVE-2023-2455

Vulnerability 3.259

Test-specific ID: SNYK-DEBIAN11-POSTGRESQL13-6055638 **Severity:** medium
Identifiers: **Message**:CVE-2023-5868

Vulnerability 3.260

Test-specific ID: SNYK-DEBIAN11-POSTGRESQL13-6055648 **Severity:** medium
Identifiers: **Message**:CVE-2023-5870

Vulnerability 3.261

Test-specific ID: SNYK-DEBIAN11-PYTHON39-5861805 **Severity:** medium
Identifiers: **Message**:CVE-2023-40217

Vulnerability 3.262

Test-specific ID: SNYK-DEBIAN11-SUBVERSION-2635645 **Severity:** medium
Identifiers: **Message**:Information Exposure

Vulnerability 3.263

Test-specific ID: SNYK-DEBIAN11-SYSTEMD-2332025 **Severity:** medium
Identifiers: **Message**:Uncontrolled Recursion

Vulnerability 3.264
Test-specific ID: SNYK-DEBIAN11-SYSTEMD-3111119 **Severity:** medium
Identifiers: **Message**:Off-by-one Error

Vulnerability 3.265
Test-specific ID: SNYK-DEBIAN11-SYSTEMD-3177742 **Severity:** medium
Identifiers: **Message**:CVE-2022-4415

Vulnerability 3.266
Test-specific ID: SNYK-DEBIAN11-TIFF-2331931 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.267
Test-specific ID: SNYK-DEBIAN11-TIFF-2399969 **Severity:** medium
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.268
Test-specific ID: SNYK-DEBIAN11-TIFF-2399973 **Severity:** medium
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.269
Test-specific ID: SNYK-DEBIAN11-TIFF-2419111 **Severity:** medium
Identifiers: **Message**:Reachable Assertion

Vulnerability 3.270
Test-specific ID: SNYK-DEBIAN11-TIFF-2421376 **Severity:** medium
Identifiers: **Message**:Unchecked Return Value

Vulnerability 3.271
Test-specific ID: SNYK-DEBIAN11-TIFF-2421380 **Severity:** medium
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.272
Test-specific ID: SNYK-DEBIAN11-TIFF-2421384 **Severity:** medium
Identifiers: **Message**:Divide By Zero

Vulnerability 3.273
Test-specific ID: SNYK-DEBIAN11-TIFF-2421389 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.274
Test-specific ID: SNYK-DEBIAN11-TIFF-2774162 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.275
Test-specific ID: SNYK-DEBIAN11-TIFF-2774167 **Severity:** medium
Identifiers: **Message**:Stack-based Buffer Overflow

Vulnerability 3.276
Test-specific ID: SNYK-DEBIAN11-TIFF-2823289 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.277
Test-specific ID: SNYK-DEBIAN11-TIFF-2823291 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.278
Test-specific ID: SNYK-DEBIAN11-TIFF-2938519 **Severity:** medium
Identifiers: **Message**:Divide By Zero

Vulnerability 3.279
Test-specific ID: SNYK-DEBIAN11-TIFF-2938520 **Severity:** medium
Identifiers: **Message**:Divide By Zero

Vulnerability 3.280
Test-specific ID: SNYK-DEBIAN11-TIFF-2938525 **Severity:** medium
Identifiers: **Message**:Divide By Zero

Vulnerability 3.281
Test-specific ID: SNYK-DEBIAN11-TIFF-2964237 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.282
Test-specific ID: SNYK-DEBIAN11-TIFF-2987009 **Severity:** medium
Identifiers: **Message**:Integer Underflow

Vulnerability 3.283
Test-specific ID: SNYK-DEBIAN11-TIFF-2987011 **Severity:** medium
Identifiers: **Message**:Integer Underflow

Vulnerability 3.284
Test-specific ID: SNYK-DEBIAN11-TIFF-2987014 **Severity:** medium
Identifiers: **Message**:Improper Validation of Specified Quantity in Input

Vulnerability 3.285
Test-specific ID: SNYK-DEBIAN11-TIFF-3008946 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.286
Test-specific ID: SNYK-DEBIAN11-TIFF-3012393 **Severity:** medium
Identifiers: **Message**:Double Free

Vulnerability 3.287
Test-specific ID: SNYK-DEBIAN11-TIFF-3012398 **Severity:** medium
Identifiers: **Message**:Incorrect Calculation of Buffer Size

Vulnerability 3.288
Test-specific ID: SNYK-DEBIAN11-TIFF-3012399 **Severity:** medium
Identifiers: **Message**:Release of Invalid Pointer or Reference

Vulnerability 3.289
Test-specific ID: SNYK-DEBIAN11-TIFF-3058771 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.290
Test-specific ID: SNYK-DEBIAN11-TIFF-3058775 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.291
Test-specific ID: SNYK-DEBIAN11-TIFF-3058778 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.292
Test-specific ID: SNYK-DEBIAN11-TIFF-3058779 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.293
Test-specific ID: SNYK-DEBIAN11-TIFF-3058787 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.294
Test-specific ID: SNYK-DEBIAN11-TIFF-3058792 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.295
Test-specific ID: SNYK-DEBIAN11-TIFF-3244453 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.296
Test-specific ID: SNYK-DEBIAN11-TIFF-3319790 **Severity:** medium
Identifiers: **Message**:Use After Free

Vulnerability 3.297
Test-specific ID: SNYK-DEBIAN11-TIFF-3319791 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.298
Test-specific ID: SNYK-DEBIAN11-TIFF-3319804 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.299
Test-specific ID: SNYK-DEBIAN11-TIFF-3319810 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.300
Test-specific ID: SNYK-DEBIAN11-TIFF-3319811 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.301
Test-specific ID: SNYK-DEBIAN11-TIFF-3319813 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.302
Test-specific ID: SNYK-DEBIAN11-TIFF-3319814 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.303
Test-specific ID: SNYK-DEBIAN11-TIFF-3319820 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.304
Test-specific ID: SNYK-DEBIAN11-TIFF-3319824 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.305
Test-specific ID: SNYK-DEBIAN11-TIFF-3319826 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.306
Test-specific ID: SNYK-DEBIAN11-TIFF-3339158 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.307
Test-specific ID: SNYK-DEBIAN11-TIFF-5425902 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.308
Test-specific ID: SNYK-DEBIAN11-TIFF-5518072 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.309
Test-specific ID: SNYK-DEBIAN11-TIFF-5747608 **Severity:** medium
Identifiers: **Message**:Buffer Overflow

Vulnerability 3.310
Test-specific ID: SNYK-DEBIAN11-TIFF-5862860 **Severity:** medium
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.311
Test-specific ID: SNYK-DEBIAN11-TIFF-5862861 **Severity:** medium
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.312
Test-specific ID: SNYK-DEBIAN11-TIFF-5934951 **Severity:** medium
Identifiers: **Message**:Memory Leak

Vulnerability 3.313
Test-specific ID: SNYK-DEBIAN11-UNZIP-2396444 **Severity:** medium
Identifiers: **Message**:CVE-2022-0530

Vulnerability 3.314
Test-specific ID: SNYK-DEBIAN11-UNZIP-2396445 **Severity:** medium
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.315
Test-specific ID: SNYK-DEBIAN11-UTILLINUX-2359396 **Severity:** medium
Identifiers: **Message**:Files or Directories Accessible to External Parties

Vulnerability 3.316
Test-specific ID: SNYK-DEBIAN11-UTILLINUX-2359400 **Severity:** medium
Identifiers: **Message**:Files or Directories Accessible to External Parties

Low:

Vulnerability 3.317
Test-specific ID: SNYK-DEBIAN11-AOM-1085722 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.318
Test-specific ID: SNYK-DEBIAN11-AOM-6140325 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.319
Test-specific ID: SNYK-DEBIAN11-APT-522585 **Severity:** low
Identifiers: **Message**:Improper Verification of Cryptographic Signature

Vulnerability 3.320
Test-specific ID: SNYK-DEBIAN11-BASH-3112361 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.321
Test-specific ID: SNYK-DEBIAN11-BINUTILS-1054596 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.322
Test-specific ID: SNYK-DEBIAN11-BINUTILS-1065551 **Severity:** low
Identifiers: **Message**:Link Following

Vulnerability 3.323
Test-specific ID: SNYK-DEBIAN11-BINUTILS-1086496 **Severity:** low
Identifiers: **Message**:Out-of-Bounds

Vulnerability 3.324
Test-specific ID: SNYK-DEBIAN11-BINUTILS-1292158 **Severity:** low
Identifiers: **Message**:Uncontrolled Recursion

Vulnerability 3.325
Test-specific ID: SNYK-DEBIAN11-BINUTILS-1296883 **Severity:** low
Identifiers: **Message**:Out-of-Bounds

Vulnerability 3.326
Test-specific ID: SNYK-DEBIAN11-BINUTILS-2321369 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.327
Test-specific ID: SNYK-DEBIAN11-BINUTILS-2341553 **Severity:** low
Identifiers: **Message**:Uncontrolled Recursion

Vulnerability 3.328
Test-specific ID: SNYK-DEBIAN11-BINUTILS-2993560 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.329
Test-specific ID: SNYK-DEBIAN11-BINUTILS-3041902 **Severity:** low
Identifiers: **Message**:Out-of-Bounds

Vulnerability 3.330
Test-specific ID: SNYK-DEBIAN11-BINUTILS-3172914 **Severity:** low
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.331
Test-specific ID: SNYK-DEBIAN11-BINUTILS-522743 **Severity:** low
Identifiers: **Message**:Uncontrolled Recursion

Vulnerability 3.332
Test-specific ID: SNYK-DEBIAN11-BINUTILS-523191 **Severity:** low
Identifiers: **Message**:Allocation of Resources Without Limits or Throttling

Vulnerability 3.333
Test-specific ID: SNYK-DEBIAN11-BINUTILS-525795 **Severity:** low
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.334
Test-specific ID: SNYK-DEBIAN11-BINUTILS-527784 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.335
Test-specific ID: SNYK-DEBIAN11-BINUTILS-528223 **Severity:** low
Identifiers: **Message**:Improper Input Validation

Vulnerability 3.336
Test-specific ID: SNYK-DEBIAN11-BINUTILS-529902 **Severity:** low
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.337
Test-specific ID: SNYK-DEBIAN11-BINUTILS-5416281 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.338
Test-specific ID: SNYK-DEBIAN11-BINUTILS-5422223 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.339
Test-specific ID: SNYK-DEBIAN11-BINUTILS-5803140 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.340
Test-specific ID: SNYK-DEBIAN11-BINUTILS-5853670 **Severity:** low
Identifiers: **Message**:Memory Leak

Vulnerability 3.341
Test-specific ID: SNYK-DEBIAN11-BINUTILS-5853671 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.342
Test-specific ID: SNYK-DEBIAN11-BINUTILS-5853674 **Severity:** low
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.343
Test-specific ID: SNYK-DEBIAN11-BINUTILS-5853682 **Severity:** low
Identifiers: **Message**:Resource Exhaustion

Vulnerability 3.344
Test-specific ID: SNYK-DEBIAN11-BINUTILS-5853683 **Severity:** low
Identifiers: **Message**:Reachable Assertion

Vulnerability 3.345
Test-specific ID: SNYK-DEBIAN11-BINUTILS-5853688 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.346
Test-specific ID: SNYK-DEBIAN11-BINUTILS-5853695 **Severity:** low
Identifiers: **Message**:Memory Leak

Vulnerability 3.347
Test-specific ID: SNYK-DEBIAN11-BINUTILS-5853709 **Severity:** low
Identifiers: **Message**:CVE-2022-47695

Vulnerability 3.348
Test-specific ID: SNYK-DEBIAN11-BINUTILS-5853710 **Severity:** low
Identifiers: **Message**:Memory Leak

Vulnerability 3.349
Test-specific ID: SNYK-DEBIAN11-BINUTILS-5853712 **Severity:** low
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.350
Test-specific ID: SNYK-DEBIAN11-BINUTILS-5853726 **Severity:** low
Identifiers: **Message**:Memory Leak

Vulnerability 3.351
Test-specific ID: SNYK-DEBIAN11-BINUTILS-5853727 **Severity:** low
Identifiers: **Message**:CVE-2022-47696

Vulnerability 3.352
Test-specific ID: SNYK-DEBIAN11-BINUTILS-5853734 **Severity:** low
Identifiers: **Message**:Allocation of Resources Without Limits or Throttling

Vulnerability 3.353
Test-specific ID: SNYK-DEBIAN11-BINUTILS-5853737 **Severity:** low
Identifiers: **Message**:Memory Leak

Vulnerability 3.354
Test-specific ID: SNYK-DEBIAN11-BINUTILS-5858434 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.355
Test-specific ID: SNYK-DEBIAN11-BINUTILS-5862063 **Severity:** low
Identifiers: **Message**:CVE-2020-19726

Vulnerability 3.356
Test-specific ID: SNYK-DEBIAN11-BINUTILS-5903050 **Severity:** low
Identifiers: **Message**:Use of Uninitialized Resource

Vulnerability 3.357
Test-specific ID: SNYK-DEBIAN11-BINUTILS-5903055 **Severity:** low
Identifiers: **Message**:Use of Uninitialized Resource

Vulnerability 3.358
Test-specific ID: SNYK-DEBIAN11-BINUTILS-5903056 **Severity:** low
Identifiers: **Message**:Use of Uninitialized Resource

Vulnerability 3.359
Test-specific ID: SNYK-DEBIAN11-BINUTILS-5903065 **Severity:** low
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.360
Test-specific ID: SNYK-DEBIAN11-BLUEZ-1534589 **Severity:** low
Identifiers: **Message**:Incorrect Authorization

Vulnerability 3.361
Test-specific ID: SNYK-DEBIAN11-BLUEZ-1911958 **Severity:** low
Identifiers: **Message**:Use After Free

Vulnerability 3.362
Test-specific ID: SNYK-DEBIAN11-BLUEZ-1920810 **Severity:** low
Identifiers: **Message**:Resource Exhaustion

Vulnerability 3.363
Test-specific ID: SNYK-DEBIAN11-BLUEZ-2340902 **Severity:** low
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.364
Test-specific ID: SNYK-DEBIAN11-BLUEZ-3014388 **Severity:** low
Identifiers: **Message**:CVE-2022-39176

Vulnerability 3.365
Test-specific ID: SNYK-DEBIAN11-BLUEZ-3014391 **Severity:** low
Identifiers: **Message**:CVE-2022-39177

Vulnerability 3.366
Test-specific ID: SNYK-DEBIAN11-BLUEZ-518769 **Severity:** low
Identifiers: **Message**:Use After Free

Vulnerability 3.367
Test-specific ID: SNYK-DEBIAN11-BLUEZ-520206 **Severity:** low
Identifiers: **Message**:Out-of-Bounds

Vulnerability 3.368
Test-specific ID: SNYK-DEBIAN11-BLUEZ-522081 **Severity:** low
Identifiers: **Message**:Out-of-Bounds

Vulnerability 3.369
Test-specific ID: SNYK-DEBIAN11-BLUEZ-522178 **Severity:** low
Identifiers: **Message**:Out-of-Bounds

Vulnerability 3.370
Test-specific ID: SNYK-DEBIAN11-BLUEZ-522296 **Severity:** low
Identifiers: **Message**:Out-of-Bounds

Vulnerability 3.371
Test-specific ID: SNYK-DEBIAN11-BLUEZ-526253 **Severity:** low
Identifiers: **Message**:Out-of-Bounds

Vulnerability 3.372
Test-specific ID: SNYK-DEBIAN11-BLUEZ-529128 **Severity:** low
Identifiers: **Message**:Out-of-Bounds

Vulnerability 3.373
Test-specific ID: SNYK-DEBIAN11-BLUEZ-530051 **Severity:** low
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.374
Test-specific ID: SNYK-DEBIAN11-BLUEZ-531504 **Severity:** low
Identifiers: **Message**:Out-of-Bounds

Vulnerability 3.375
Test-specific ID: SNYK-DEBIAN11-BLUEZ-533160 **Severity:** low
Identifiers: **Message**:Out-of-Bounds

Vulnerability 3.376
Test-specific ID: SNYK-DEBIAN11-CAIRO-515907 **Severity:** low
Identifiers: **Message**:Loop with Unreachable Exit Condition ('Infinite Loop')

Vulnerability 3.377
Test-specific ID: SNYK-DEBIAN11-CAIRO-517926 **Severity:** low
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.378
Test-specific ID: SNYK-DEBIAN11-CAIRO-525337 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.379
Test-specific ID: SNYK-DEBIAN11-CAIRO-530691 **Severity:** low
Identifiers: **Message**:Reachable Assertion

Vulnerability 3.380
Test-specific ID: SNYK-DEBIAN11-COREUTILS-514776 **Severity:** low
Identifiers: **Message**:Improper Input Validation

Vulnerability 3.381
Test-specific ID: SNYK-DEBIAN11-COREUTILS-527269 **Severity:** low
Identifiers: **Message**:Race Condition

Vulnerability 3.382
Test-specific ID: SNYK-DEBIAN11-CURL-1296884 **Severity:** low
Identifiers: **Message**:Missing Initialization of Resource

Vulnerability 3.383
Test-specific ID: SNYK-DEBIAN11-CURL-1322658 **Severity:** low
Identifiers: **Message**:Use of Incorrectly-Resolved Name or Reference

Vulnerability 3.384
Test-specific ID: SNYK-DEBIAN11-CURL-1322659 **Severity:** low
Identifiers: **Message**:Insufficiently Protected Credentials

Vulnerability 3.385
Test-specific ID: SNYK-DEBIAN11-CURL-1322667 **Severity:** low
Identifiers: **Message**:Improper Validation of Integrity Check Value

Vulnerability 3.386
Test-specific ID: SNYK-DEBIAN11-CURL-3012384 **Severity:** low
Identifiers: **Message**:CVE-2022-35252

Vulnerability 3.387
Test-specific ID: SNYK-DEBIAN11-CURL-5561869 **Severity:** low
Identifiers: **Message**:Race Condition

Vulnerability 3.388
Test-specific ID: SNYK-DEBIAN11-CURL-5561885 **Severity:** low
Identifiers: **Message**:CVE-2023-28322

Vulnerability 3.389
Test-specific ID: SNYK-DEBIAN11-CURL-5955029 **Severity:** low
Identifiers: **Message**:CVE-2023-38546

Vulnerability 3.390
Test-specific ID: SNYK-DEBIAN11-DAV1D-5518049 **Severity:** low
Identifiers: **Message**:Race Condition

Vulnerability 3.391
Test-specific ID: SNYK-DEBIAN11-DB53-2825168 **Severity:** low
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.392
Test-specific ID: SNYK-DEBIAN11-DJVULIBRE-5858452 **Severity:** low
Identifiers: **Message**:Divide By Zero

Vulnerability 3.393
Test-specific ID: SNYK-DEBIAN11-DJVULIBRE-5858455 **Severity:** low
Identifiers: **Message**:Divide By Zero

Vulnerability 3.394
Test-specific ID: SNYK-DEBIAN11-E2FSPROGS-2628459 **Severity:** low
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.395
Test-specific ID: SNYK-DEBIAN11-ELFUTILS-5803145 **Severity:** low
Identifiers: **Message**:Loop with Unreachable Exit Condition (’Infinite Loop’)

Vulnerability 3.396
Test-specific ID: SNYK-DEBIAN11-EXPAT-524217 **Severity:** low
Identifiers: **Message**:XML External Entity (XXE) Injection

Vulnerability 3.397

Test-specific ID: SNYK-DEBIAN11-FREETYPE-2848681 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.398

Test-specific ID: SNYK-DEBIAN11-GCC10-5901313 **Severity:** low
Identifiers: **Message**:CVE-2023-4039

Vulnerability 3.399

Test-specific ID: SNYK-DEBIAN11-GCC9-5901306 **Severity:** low
Identifiers: **Message**:CVE-2023-4039

Vulnerability 3.400

Test-specific ID: SNYK-DEBIAN11-GDKPIXBUF-6207389 **Severity:** low
Identifiers: **Message**:CVE-2022-48622

Vulnerability 3.401

Test-specific ID: SNYK-DEBIAN11-GIT-2399903 **Severity:** low
Identifiers: **Message**:Exposure of Resource to Wrong Sphere

Vulnerability 3.402

Test-specific ID: SNYK-DEBIAN11-GIT-514769 **Severity:** low
Identifiers: **Message**:Improper Input Validation

Vulnerability 3.403

Test-specific ID: SNYK-DEBIAN11-GIT-5461943 **Severity:** low
Identifiers: **Message**:Arbitrary Code Injection

Vulnerability 3.404
Test-specific ID: SNYK-DEBIAN11-GIT-5461949 **Severity:** low
Identifiers: **Message**:Directory Traversal

Vulnerability 3.405
Test-specific ID: SNYK-DEBIAN11-GIT-5461951 **Severity:** low
Identifiers: **Message**:Use of Externally-Controlled Format String

Vulnerability 3.406
Test-specific ID: SNYK-DEBIAN11-GLIB20-518210 **Severity:** low
Identifiers: **Message**:Cryptographic Issues

Vulnerability 3.407
Test-specific ID: SNYK-DEBIAN11-GLIB20-5670987 **Severity:** low
Identifiers: **Message**:Resource Exhaustion

Vulnerability 3.408
Test-specific ID: SNYK-DEBIAN11-GLIB20-5670989 **Severity:** low
Identifiers: **Message**:Deserialization of Untrusted Data

Vulnerability 3.409
Test-specific ID: SNYK-DEBIAN11-GLIB20-5670995 **Severity:** low
Identifiers: **Message**:Resource Exhaustion

Vulnerability 3.410
Test-specific ID: SNYK-DEBIAN11-GLIBC-521063 **Severity:** low
Identifiers: **Message**:Out-of-Bounds

Vulnerability 3.411

Test-specific ID: SNYK-DEBIAN11-GLIBC-521199 **Severity:** low
Identifiers: **Message**:Uncontrolled Recursion

Vulnerability 3.412

Test-specific ID: SNYK-DEBIAN11-GLIBC-522385 **Severity:** low
Identifiers: **Message**:Use of Insufficiently Random Values

Vulnerability 3.413

Test-specific ID: SNYK-DEBIAN11-GLIBC-529848 **Severity:** low
Identifiers: **Message**:Information Exposure

Vulnerability 3.414

Test-specific ID: SNYK-DEBIAN11-GLIBC-531451 **Severity:** low
Identifiers: **Message**:CVE-2019-1010023

Vulnerability 3.415

Test-specific ID: SNYK-DEBIAN11-GLIBC-531492 **Severity:** low
Identifiers: **Message**:Uncontrolled Recursion

Vulnerability 3.416

Test-specific ID: SNYK-DEBIAN11-GLIBC-532215 **Severity:** low
Identifiers: **Message**:Resource Management Errors

Vulnerability 3.417

Test-specific ID: SNYK-DEBIAN11-GLIBC-5894105 **Severity:** low
Identifiers: **Message**:Use After Free

Vulnerability 3.418

Test-specific ID: SNYK-DEBIAN11-GLIBC-5894112 **Severity:** low
Identifiers: **Message**:Use After Free

Vulnerability 3.419

Test-specific ID: SNYK-DEBIAN11-GNUPG2-3330745 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.420

Test-specific ID: SNYK-DEBIAN11-GNUTLS28-515971 **Severity:** low
Identifiers: **Message**:Improper Input Validation

Vulnerability 3.421

Test-specific ID: SNYK-DEBIAN11-GNUTLS28-6062102 **Severity:** low
Identifiers: **Message**:Information Exposure

Vulnerability 3.422

Test-specific ID: SNYK-DEBIAN11-GNUTLS28-6159417 **Severity:** low
Identifiers: **Message**:Improper Verification of Cryptographic Signature

Vulnerability 3.423

Test-specific ID: SNYK-DEBIAN11-HARFBUZZ-2934730 **Severity:** low
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.424

Test-specific ID: SNYK-DEBIAN11-HARFBUZZ-3311295 **Severity:** low
Identifiers: **Message**:Allocation of Resources Without Limits or Throttling

Vulnerability 3.425

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-1075500 **Severity:** low
Identifiers: **Message**:Divide By Zero

Vulnerability 3.426

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-1075505 **Severity:** low
Identifiers: **Message**:Divide By Zero

Vulnerability 3.427

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-1075508 **Severity:** low
Identifiers: **Message**:Divide By Zero

Vulnerability 3.428

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-1078460 **Severity:** low
Identifiers: **Message**:Divide By Zero

Vulnerability 3.429

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-1085782 **Severity:** low
Identifiers: **Message**:Divide By Zero

Vulnerability 3.430

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-1244104 **Severity:** low
Identifiers: **Message**:Divide By Zero

Vulnerability 3.431

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-1246262 **Severity:** low
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.432

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-1246513 **Severity:** low
Identifiers: **Message**:Information Exposure

Vulnerability 3.433

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-1247328 **Severity:** low
Identifiers: **Message**:Divide By Zero

Vulnerability 3.434

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-1312915 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.435

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-1584525 **Severity:** low
Identifiers: **Message**:Exposure of Resource to Wrong Sphere

Vulnerability 3.436

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-2431244 **Severity:** low
Identifiers: **Message**:Improper Input Validation

Vulnerability 3.437

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-2441371 **Severity:** low
Identifiers: **Message**:Use After Free

Vulnerability 3.438

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-2441374 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.439

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-2812515 **Severity:** low
Identifiers: **Message**:Buffer Overflow

Vulnerability 3.440

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-2928981 **Severity:** low
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.441

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-2928984 **Severity:** low
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.442

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-2928988 **Severity:** low
Identifiers: **Message**:Incorrect Type Conversion or Cast

Vulnerability 3.443

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-3008094 **Severity:** low
Identifiers: **Message**:Memory Leak

Vulnerability 3.444

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-3027309 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.445

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-3358956 **Severity:** low
Identifiers: **Message**:Improper Input Validation

Vulnerability 3.446

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-517389 **Severity:** low
Identifiers: **Message**:CVE-2005-0406

Vulnerability 3.447

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-517989 **Severity:** low
Identifiers: **Message**:Resource Management Errors

Vulnerability 3.448

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-524566 **Severity:** low
Identifiers: **Message**:Missing Release of Resource after Effective Lifetime

Vulnerability 3.449

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-524567 **Severity:** low
Identifiers: **Message**:Resource Exhaustion

Vulnerability 3.450

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-527684 **Severity:** low
Identifiers: **Message**:Missing Release of Resource after Effective Lifetime

Vulnerability 3.451

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-527794 **Severity:** low
Identifiers: **Message**:Out-of-Bounds

Vulnerability 3.452

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-530647 **Severity:** low
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.453

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-5421093 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.454

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-5591138 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.455

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-5660572 **Severity:** low
Identifiers: **Message**:OS Command Injection

Vulnerability 3.456

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-5660609 **Severity:** low
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.457

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-5707517 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.458

Test-specific ID: SNYK-DEBIAN11-IMAGEMAGICK-5858556 **Severity:** low
Identifiers: **Message**:Divide By Zero

Vulnerability 3.459

Test-specific ID: SNYK-DEBIAN11-JBIGKIT-514977 **Severity:** low
Identifiers: **Message**:Out-of-Bounds

Vulnerability 3.460
Test-specific ID: SNYK-DEBIAN11-KRB5-524883 **Severity:** low
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.461
Test-specific ID: SNYK-DEBIAN11-LIBDE265-3361564 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.462
Test-specific ID: SNYK-DEBIAN11-LIBDE265-3361568 **Severity:** low
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.463
Test-specific ID: SNYK-DEBIAN11-LIBDE265-6062369 **Severity:** low
Identifiers: **Message**:Buffer Overflow

Vulnerability 3.464
Test-specific ID: SNYK-DEBIAN11-LIBDE265-6070698 **Severity:** low
Identifiers: **Message**:Buffer Overflow

Vulnerability 3.465
Test-specific ID: SNYK-DEBIAN11-LIBDE265-6105344 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.466
Test-specific ID: SNYK-DEBIAN11-LIBDE265-6105346 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.467

Test-specific ID: SNYK-DEBIAN11-LIBDE265-6105352 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.468

Test-specific ID: SNYK-DEBIAN11-LIBGCRYPT20-1297892 **Severity:** low
Identifiers: **Message**:Information Exposure

Vulnerability 3.469

Test-specific ID: SNYK-DEBIAN11-LIBGCRYPT20-523947 **Severity:** low
Identifiers: **Message**:Use of a Broken or Risky Cryptographic Algorithm

Vulnerability 3.470

Test-specific ID: SNYK-DEBIAN11-LIBHEIF-3331227 **Severity:** low
Identifiers: **Message**:Buffer Overflow

Vulnerability 3.471

Test-specific ID: SNYK-DEBIAN11-LIBHEIF-5498470 **Severity:** low
Identifiers: **Message**:Divide By Zero

Vulnerability 3.472

Test-specific ID: SNYK-DEBIAN11-LIBHEIF-6105357 **Severity:** low
Identifiers: **Message**:CVE-2023-49462

Vulnerability 3.473

Test-specific ID: SNYK-DEBIAN11-LIBHEIF-6105365 **Severity:** low
Identifiers: **Message**:CVE-2023-49460

Vulnerability 3.474
Test-specific ID: SNYK-DEBIAN11-LIBHEIF-6105371 **Severity:** low
Identifiers: **Message**:CVE-2023-49464

Vulnerability 3.475
Test-specific ID: SNYK-DEBIAN11-LIBHEIF-6105375 **Severity:** low
Identifiers: **Message**:CVE-2023-49463

Vulnerability 3.476
Test-specific ID: SNYK-DEBIAN11-LIBJPEGTURBO-2932112 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.477
Test-specific ID: SNYK-DEBIAN11-LIBPNG16-2363923 **Severity:** low
Identifiers: **Message**:Buffer Overflow

Vulnerability 3.478
Test-specific ID: SNYK-DEBIAN11-LIBPNG16-529373 **Severity:** low
Identifiers: **Message**:Memory Leak

Vulnerability 3.479
Test-specific ID: SNYK-DEBIAN11-LIBSEPOL-1315627 **Severity:** low
Identifiers: **Message**:Use After Free

Vulnerability 3.480
Test-specific ID: SNYK-DEBIAN11-LIBSEPOL-1315629 **Severity:** low
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.481
Test-specific ID: SNYK-DEBIAN11-LIBSEPOL-1315635 **Severity:** low
Identifiers: **Message**:Use After Free

Vulnerability 3.482
Test-specific ID: SNYK-DEBIAN11-LIBSEPOL-1315641 **Severity:** low
Identifiers: **Message**:Use After Free

Vulnerability 3.483
Test-specific ID: SNYK-DEBIAN11-LIBSSH2-5861756 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.484
Test-specific ID: SNYK-DEBIAN11-LIBWMF-514692 **Severity:** low
Identifiers: **Message**:Numeric Errors

Vulnerability 3.485
Test-specific ID: SNYK-DEBIAN11-LIBWMF-517351 **Severity:** low
Identifiers: **Message**:Out-of-Bounds

Vulnerability 3.486
Test-specific ID: SNYK-DEBIAN11-LIBWMF-519792 **Severity:** low
Identifiers: **Message**:Resource Management Errors

Vulnerability 3.487
Test-specific ID: SNYK-DEBIAN11-LIBWMF-527814 **Severity:** low
Identifiers: **Message**:Numeric Errors

Vulnerability 3.488

Test-specific ID: SNYK-DEBIAN11-LIBXML2-2964223 **Severity:** low
Identifiers: **Message**:Cross-site Scripting (XSS)

Vulnerability 3.489

Test-specific ID: SNYK-DEBIAN11-LIBXML2-5747746 **Severity:** low
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.490

Test-specific ID: SNYK-DEBIAN11-LIBXML2-5871334 **Severity:** low
Identifiers: **Message**:Out-of-Bounds

Vulnerability 3.491

Test-specific ID: SNYK-DEBIAN11-LIBXML2-5947664 **Severity:** low
Identifiers: **Message**:Use After Free

Vulnerability 3.492

Test-specific ID: SNYK-DEBIAN11-LIBXSLT-514942 **Severity:** low
Identifiers: **Message**:Use of Insufficiently Random Values

Vulnerability 3.493

Test-specific ID: SNYK-DEBIAN11-LIBZSTD-5406388 **Severity:** low
Identifiers: **Message**:Resource Exhaustion

Vulnerability 3.494

Test-specific ID: SNYK-DEBIAN11-M4-517010 **Severity:** low
Identifiers: **Message**:CVE-2008-1688

Vulnerability 3.495
Test-specific ID: SNYK-DEBIAN11-M4-525846 **Severity:** low
Identifiers: **Message**:CVE-2008-1687

Vulnerability 3.496
Test-specific ID: SNYK-DEBIAN11-MARIADB105-6091684 **Severity:** low
Identifiers: **Message**:CVE-2023-22084

Vulnerability 3.497
Test-specific ID: SNYK-DEBIAN11-NCURSES-6123820 **Severity:** low
Identifiers: **Message**:CVE-2023-50495

Vulnerability 3.498
Test-specific ID: SNYK-DEBIAN11-OPENEXR-1300565 **Severity:** low
Identifiers: **Message**:Integer Underflow

Vulnerability 3.499
Test-specific ID: SNYK-DEBIAN11-OPENEXR-522136 **Severity:** low
Identifiers: **Message**:Resource Exhaustion

Vulnerability 3.500
Test-specific ID: SNYK-DEBIAN11-OPENJPEG2-1247329 **Severity:** low
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.501
Test-specific ID: SNYK-DEBIAN11-OPENJPEG2-1301277 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.502
Test-specific ID: SNYK-DEBIAN11-OPENJPEG2-2434865 **Severity:** low
Identifiers: **Message**:Improper Initialization

Vulnerability 3.503
Test-specific ID: SNYK-DEBIAN11-OPENJPEG2-515201 **Severity:** low
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.504
Test-specific ID: SNYK-DEBIAN11-OPENJPEG2-515749 **Severity:** low
Identifiers: **Message**:Allocation of Resources Without Limits or Throttling

Vulnerability 3.505
Test-specific ID: SNYK-DEBIAN11-OPENJPEG2-516225 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.506
Test-specific ID: SNYK-DEBIAN11-OPENJPEG2-517708 **Severity:** low
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.507
Test-specific ID: SNYK-DEBIAN11-OPENJPEG2-518208 **Severity:** low
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.508
Test-specific ID: SNYK-DEBIAN11-OPENJPEG2-522491 **Severity:** low
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.509
Test-specific ID: SNYK-DEBIAN11-OPENJPEG2-524264 **Severity:** low
Identifiers: **Message**:Improper Input Validation

Vulnerability 3.510
Test-specific ID: SNYK-DEBIAN11-OPENJPEG2-524898 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.511
Test-specific ID: SNYK-DEBIAN11-OPENJPEG2-525517 **Severity:** low
Identifiers: **Message**:Out-of-Bounds

Vulnerability 3.512
Test-specific ID: SNYK-DEBIAN11-OPENJPEG2-526311 **Severity:** low
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.513
Test-specific ID: SNYK-DEBIAN11-OPENJPEG2-527081 **Severity:** low
Identifiers: **Message**:Divide By Zero

Vulnerability 3.514
Test-specific ID: SNYK-DEBIAN11-OPENJPEG2-528361 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.515
Test-specific ID: SNYK-DEBIAN11-OPENJPEG2-529941 **Severity:** low
Identifiers: **Message**:Out-of-Bounds

Vulnerability 3.516

Test-specific ID: SNYK-DEBIAN11-OPENJPEG2-532154 **Severity:** low
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.517

Test-specific ID: SNYK-DEBIAN11-OPENLDAP-521320 **Severity:** low
Identifiers: **Message**:Improper Initialization

Vulnerability 3.518

Test-specific ID: SNYK-DEBIAN11-OPENLDAP-531344 **Severity:** low
Identifiers: **Message**:Out-of-Bounds

Vulnerability 3.519

Test-specific ID: SNYK-DEBIAN11-OPENLDAP-531747 **Severity:** low
Identifiers: **Message**:Cryptographic Issues

Vulnerability 3.520

Test-specific ID: SNYK-DEBIAN11-OPENLDAP-5660622 **Severity:** low
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.521

Test-specific ID: SNYK-DEBIAN11-OPENLDAP-584937 **Severity:** low
Identifiers: **Message**:Improper Certificate Validation

Vulnerability 3.522

Test-specific ID: SNYK-DEBIAN11-OPENSSH-1585650 **Severity:** low
Identifiers: **Message**:CVE-2016-20012

Vulnerability 3.523
Test-specific ID: SNYK-DEBIAN11-OPENSSH-2422621 **Severity:** low
Identifiers: **Message**:Improper Authentication

Vulnerability 3.524
Test-specific ID: SNYK-DEBIAN11-OPENSSH-517822 **Severity:** low
Identifiers: **Message**:Information Exposure

Vulnerability 3.525
Test-specific ID: SNYK-DEBIAN11-OPENSSH-520976 **Severity:** low
Identifiers: **Message**:Information Exposure

Vulnerability 3.526
Test-specific ID: SNYK-DEBIAN11-OPENSSH-529002 **Severity:** low
Identifiers: **Message**:Improper Authentication

Vulnerability 3.527
Test-specific ID: SNYK-DEBIAN11-OPENSSH-529482 **Severity:** low
Identifiers: **Message**:Access Restriction Bypass

Vulnerability 3.528
Test-specific ID: SNYK-DEBIAN11-OPENSSH-530703 **Severity:** low
Identifiers: **Message**:Inappropriate Encoding for Output Context

Vulnerability 3.529
Test-specific ID: SNYK-DEBIAN11-OPENSSH-574760 **Severity:** low
Identifiers: **Message**:Information Exposure

Vulnerability 3.530

Test-specific ID: SNYK-DEBIAN11-OPENSSH-590139 **Severity:** low
Identifiers: **Message**:OS Command Injection

Vulnerability 3.531

Test-specific ID: SNYK-DEBIAN11-OPENSSL-518334 **Severity:** low
Identifiers: **Message**:Cryptographic Issues

Vulnerability 3.532

Test-specific ID: SNYK-DEBIAN11-OPENSSL-525332 **Severity:** low
Identifiers: **Message**:Cryptographic Issues

Vulnerability 3.533

Test-specific ID: SNYK-DEBIAN11-OPENSSL-6048819 **Severity:** low
Identifiers: **Message**:Improper Check for Unusual or Exceptional Conditions

Vulnerability 3.534

Test-specific ID: SNYK-DEBIAN11-OPENSSL-6190224 **Severity:** low
Identifiers: **Message**:CVE-2024-0727

Vulnerability 3.535

Test-specific ID: SNYK-DEBIAN11-PAM-6178915 **Severity:** low
Identifiers: **Message**:CVE-2024-22365

Vulnerability 3.536

Test-specific ID: SNYK-DEBIAN11-PATCH-2324789 **Severity:** low
Identifiers: **Message**:Release of Invalid Pointer or Reference

Vulnerability 3.537

Test-specific ID: SNYK-DEBIAN11-PATCH-525129 **Severity:** low
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.538

Test-specific ID: SNYK-DEBIAN11-PATCH-525153 **Severity:** low
Identifiers: **Message**:Directory Traversal

Vulnerability 3.539

Test-specific ID: SNYK-DEBIAN11-PATCH-526305 **Severity:** low
Identifiers: **Message**:Double Free

Vulnerability 3.540

Test-specific ID: SNYK-DEBIAN11-PCRE2-5788325 **Severity:** low
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.541

Test-specific ID: SNYK-DEBIAN11-PCRE3-523392 **Severity:** low
Identifiers: **Message**:Out-of-Bounds

Vulnerability 3.542

Test-specific ID: SNYK-DEBIAN11-PCRE3-525075 **Severity:** low
Identifiers: **Message**:Out-of-Bounds

Vulnerability 3.543

Test-specific ID: SNYK-DEBIAN11-PCRE3-529298 **Severity:** low
Identifiers: **Message**:Uncontrolled Recursion

Vulnerability 3.544

Test-specific ID: SNYK-DEBIAN11-PCRE3-529490 **Severity:** low
Identifiers: **Message**:Out-of-Bounds

Vulnerability 3.545

Test-specific ID: SNYK-DEBIAN11-PCRE3-572353 **Severity:** low
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.546

Test-specific ID: SNYK-DEBIAN11-PERL-1925976 **Severity:** low
Identifiers: **Message**:Improper Verification of Cryptographic Signature

Vulnerability 3.547

Test-specific ID: SNYK-DEBIAN11-PERL-532614 **Severity:** low
Identifiers: **Message**:Link Following

Vulnerability 3.548

Test-specific ID: SNYK-DEBIAN11-PERL-5489185 **Severity:** low
Identifiers: **Message**:Improper Certificate Validation

Vulnerability 3.549

Test-specific ID: SNYK-DEBIAN11-PERL-5489191 **Severity:** low
Identifiers: **Message**:Improper Certificate Validation

Vulnerability 3.550

Test-specific ID: SNYK-DEBIAN11-PERL-6085272 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.551
Test-specific ID: SNYK-DEBIAN11-PIXMAN-5803158 **Severity:** low
Identifiers: **Message**:Divide By Zero

Vulnerability 3.552
Test-specific ID: SNYK-DEBIAN11-POSTGRESQL13-3318091 **Severity:** low
Identifiers: **Message**:CVE-2022-41862

Vulnerability 3.553
Test-specific ID: SNYK-DEBIAN11-PROCPS-5816467 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.554
Test-specific ID: SNYK-DEBIAN11-PYTHON39-1021152 **Severity:** low
Identifiers: **Message**:CVE-2020-27619

Vulnerability 3.555
Test-specific ID: SNYK-DEBIAN11-PYTHON39-1085113 **Severity:** low
Identifiers: **Message**:Information Exposure

Vulnerability 3.556
Test-specific ID: SNYK-DEBIAN11-PYTHON39-1290158 **Severity:** low
Identifiers: **Message**:Improper Input Validation

Vulnerability 3.557
Test-specific ID: SNYK-DEBIAN11-PYTHON39-1570176 **Severity:** low
Identifiers: **Message**:Resource Exhaustion

Vulnerability 3.558

Test-specific ID: SNYK-DEBIAN11-PYTHON39-1579738 **Severity:** low
Identifiers: **Message**:Resource Exhaustion

Vulnerability 3.559

Test-specific ID: SNYK-DEBIAN11-PYTHON39-2329042 **Severity:** low
Identifiers: **Message**:Unchecked Return Value

Vulnerability 3.560

Test-specific ID: SNYK-DEBIAN11-PYTHON39-2388383 **Severity:** low
Identifiers: **Message**:Arbitrary Code Injection

Vulnerability 3.561

Test-specific ID: SNYK-DEBIAN11-PYTHON39-2764968 **Severity:** low
Identifiers: **Message**:Arbitrary Command Injection

Vulnerability 3.562

Test-specific ID: SNYK-DEBIAN11-PYTHON39-3017608 **Severity:** low
Identifiers: **Message**:Incorrect Type Conversion or Cast

Vulnerability 3.563

Test-specific ID: SNYK-DEBIAN11-PYTHON39-3032984 **Severity:** low
Identifiers: **Message**:Open Redirect

Vulnerability 3.564

Test-specific ID: SNYK-DEBIAN11-PYTHON39-3090932 **Severity:** low
Identifiers: **Message**:Integer Overflow or Wraparound

Vulnerability 3.565

Test-specific ID: SNYK-DEBIAN11-PYTHON39-3092471 **Severity:** low
Identifiers: **Message**:CVE-2022-42919

Vulnerability 3.566

Test-specific ID: SNYK-DEBIAN11-PYTHON39-3111117 **Severity:** low
Identifiers: **Message**:Algorithmic Complexity

Vulnerability 3.567

Test-specific ID: SNYK-DEBIAN11-PYTHON39-3325303 **Severity:** low
Identifiers: **Message**:Improper Input Validation

Vulnerability 3.568

Test-specific ID: SNYK-DEBIAN11-PYTHON39-5430933 **Severity:** low
Identifiers: **Message**:Improper Input Validation

Vulnerability 3.569

Test-specific ID: SNYK-DEBIAN11-PYTHON39-5754616 **Severity:** low
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.570

Test-specific ID: SNYK-DEBIAN11-SHADOW-526940 **Severity:** low
Identifiers: **Message**:Access Restriction Bypass

Vulnerability 3.571

Test-specific ID: SNYK-DEBIAN11-SHADOW-528840 **Severity:** low
Identifiers: **Message**:Time-of-check Time-of-use (TOCTOU)

Vulnerability 3.572
Test-specific ID: SNYK-DEBIAN11-SHADOW-539870 **Severity:** low
Identifiers: **Message**:Incorrect Permission Assignment for Critical Resource

Vulnerability 3.573
Test-specific ID: SNYK-DEBIAN11-SHADOW-5423922 **Severity:** low
Identifiers: **Message**:Arbitrary Code Injection

Vulnerability 3.574
Test-specific ID: SNYK-DEBIAN11-SHADOW-5879152 **Severity:** low
Identifiers: **Message**:Improper Authentication

Vulnerability 3.575
Test-specific ID: SNYK-DEBIAN11-SQLITE3-1569419 **Severity:** low
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.576
Test-specific ID: SNYK-DEBIAN11-SQLITE3-2407045 **Severity:** low
Identifiers: **Message**:Memory Leak

Vulnerability 3.577
Test-specific ID: SNYK-DEBIAN11-SQLITE3-2959400 **Severity:** low
Identifiers: **Message**:Improper Validation of Array Index

Vulnerability 3.578
Test-specific ID: SNYK-DEBIAN11-SQLITE3-5562381 **Severity:** low
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.579

Test-specific ID: SNYK-DEBIAN11-SQLITE3-6139925 **Severity:** low
Identifiers: **Message**:Out-of-Bounds

Vulnerability 3.580

Test-specific ID: SNYK-DEBIAN11-SYSTEMD-1291054 **Severity:** low
Identifiers: **Message**:Authentication Bypass

Vulnerability 3.581

Test-specific ID: SNYK-DEBIAN11-SYSTEMD-524969 **Severity:** low
Identifiers: **Message**:Link Following

Vulnerability 3.582

Test-specific ID: SNYK-DEBIAN11-SYSTEMD-5733387 **Severity:** low
Identifiers: **Message**:Improper Validation of Integrity Check Value

Vulnerability 3.583

Test-specific ID: SNYK-DEBIAN11-SYSTEMD-5733391 **Severity:** low
Identifiers: **Message**:Improper Validation of Integrity Check Value

Vulnerability 3.584

Test-specific ID: SNYK-DEBIAN11-SYSTEMD-5733392 **Severity:** low
Identifiers: **Message**:Improper Validation of Integrity Check Value

Vulnerability 3.585

Test-specific ID: SNYK-DEBIAN11-SYSTEMD-6137713 **Severity:** low
Identifiers: **Message**:CVE-2023-7008

Vulnerability 3.586
Test-specific ID: SNYK-DEBIAN11-TAR-3253527 **Severity:** low
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.587
Test-specific ID: SNYK-DEBIAN11-TAR-523480 **Severity:** low
Identifiers: **Message**:CVE-2005-2541

Vulnerability 3.588
Test-specific ID: SNYK-DEBIAN11-TAR-6120424 **Severity:** low
Identifiers: **Message**:CVE-2023-39804

Vulnerability 3.589
Test-specific ID: SNYK-DEBIAN11-TCL86-1316209 **Severity:** low
Identifiers: **Message**:Use of Externally-Controlled Format String

Vulnerability 3.590
Test-specific ID: SNYK-DEBIAN11-TIFF-2434417 **Severity:** low
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.591
Test-specific ID: SNYK-DEBIAN11-TIFF-2440571 **Severity:** low
Identifiers: **Message**:Improper Resource Shutdown or Release

Vulnerability 3.592
Test-specific ID: SNYK-DEBIAN11-TIFF-514595 **Severity:** low
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.593
Test-specific ID: SNYK-DEBIAN11-TIFF-516778 **Severity:** low
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.594
Test-specific ID: SNYK-DEBIAN11-TIFF-518574 **Severity:** low
Identifiers: **Message**:Missing Release of Resource after Effective Lifetime

Vulnerability 3.595
Test-specific ID: SNYK-DEBIAN11-TIFF-520936 **Severity:** low
Identifiers: **Message**:Use After Free

Vulnerability 3.596
Test-specific ID: SNYK-DEBIAN11-TIFF-531474 **Severity:** low
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.597
Test-specific ID: SNYK-DEBIAN11-TIFF-5416363 **Severity:** low
Identifiers: **Message**:Out-of-bounds Read

Vulnerability 3.598
Test-specific ID: SNYK-DEBIAN11-TIFF-5425904 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.599
Test-specific ID: SNYK-DEBIAN11-TIFF-5673712 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.600
Test-specific ID: SNYK-DEBIAN11-TIFF-5724641 **Severity:** low
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.601
Test-specific ID: SNYK-DEBIAN11-TIFF-5747597 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.602
Test-specific ID: SNYK-DEBIAN11-TIFF-5749339 **Severity:** low
Identifiers: **Message**:Buffer Overflow

Vulnerability 3.603
Test-specific ID: SNYK-DEBIAN11-TIFF-5750143 **Severity:** low
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.604
Test-specific ID: SNYK-DEBIAN11-TIFF-5767900 **Severity:** low
Identifiers: **Message**:Buffer Overflow

Vulnerability 3.605
Test-specific ID: SNYK-DEBIAN11-TIFF-5773188 **Severity:** low
Identifiers: **Message**:Buffer Overflow

Vulnerability 3.606
Test-specific ID: SNYK-DEBIAN11-TIFF-5853001 **Severity:** low
Identifiers: **Message**:Loop with Unreachable Exit Condition (’Infinite Loop’)

Vulnerability 3.607
Test-specific ID: SNYK-DEBIAN11-TIFF-6079927 **Severity:** low
Identifiers: **Message**:Out-of-bounds Write

Vulnerability 3.608
Test-specific ID: SNYK-DEBIAN11-TIFF-6084515 **Severity:** low
Identifiers: **Message**:Resource Exhaustion

Vulnerability 3.609
Test-specific ID: SNYK-DEBIAN11-TIFF-6190609 **Severity:** low
Identifiers: **Message**:CVE-2023-52356

Vulnerability 3.610
Test-specific ID: SNYK-DEBIAN11-TIFF-6190787 **Severity:** low
Identifiers: **Message**:CVE-2023-52355

Vulnerability 3.611
Test-specific ID: SNYK-DEBIAN11-UNZIP-2387325 **Severity:** low
Identifiers: **Message**:NULL Pointer Dereference

Vulnerability 3.612
Test-specific ID: SNYK-DEBIAN11-UTILLINUX-2401081 **Severity:** low
Identifiers: **Message**:Information Exposure

Vulnerability 3.613
Test-specific ID: SNYK-DEBIAN11-WGET-1277610 **Severity:** low
Identifiers: **Message**:Open Redirect

4. Dynamic Train Analysis

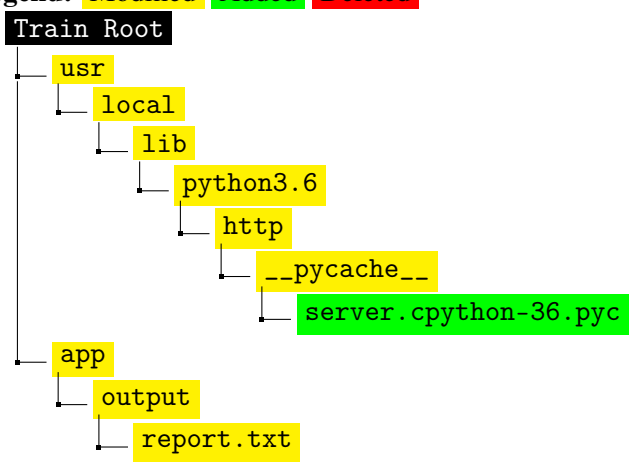
4.1 Image size differences after simulation:

4.1.1 Simulated route:

- Station 5bce186a-5005-4ca8-878e-9d8d4e0747c0: 32338
- Station d7b0a9a7-07fd-4a31-b93a-3c946dc82667: 228

4.1.2 Directory Overview of changed files:

Legend: Modified Added Deleted



4.1.3 ./simulationResults/server.cpython-36.pyc

No Preview Available! https://git.rwth-aachen.de/padme-development/padme-train-depot/-/jobs/4570235/artifacts/file/simulationResults/server.cpython-36.pyc

4.1.4 ./simulationResults/report.txt

Listing 4.1: report.txt

```
Number of 'Patient': 569
Number of 'Condition': 569
Number of 'Observation': 17070
Number of 'Specimen': 1707
Number of 'Patient': 569
Number of 'Condition': 569
Number of 'Observation': 17070
Number of 'Specimen': 1707
```

4.2 Execution metrics:

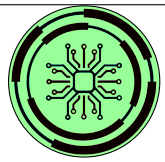
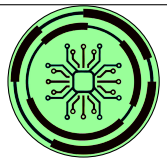
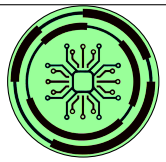
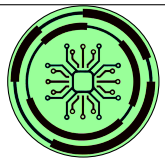
- Maximum CPU Usage:0
- Maximum Memory Usage:32772096
- Maximum Number of PIDS:1

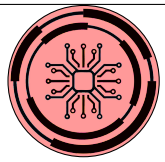
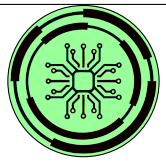
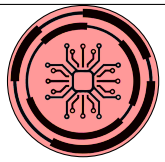
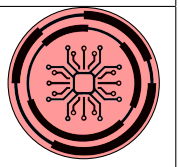
4.3 Network I/O:

- RX (Reading):2375946
- TX (Transmitting):57096

5. Conclusion

The PADME Security Audit has come to the following conclusion:

Static Complete	SAST	Dependencies	Secret Detection
			

Standard Compliant	Blacklist	Train Image Analysis	DAST
			

Warnings

- Identified network traffic in dynamic analysis.
- Found 1 critical vulnerability in the image.
- Couldn't detect compliance with standards (usage of the python module padme_conductor [https://pypi.org/project/padme-conductor]).

Audit Result

Train Rejected

January 31, 2024