

...om/serotonin/modbus4j/sero/log/IOLog.java

Do something with the "boolean" value returned by "delete".

Vulnerability

Do something with the "boolean" value returned by "renameTo".

Vulnerability

2 of 2 shown

```

1  ... /**
2      * Copyright (C) 2014 Infinite Automation Software and Serotonin Software. All rights reserved.
3      * @author Terry Packer, Matthew Lohbihler
4      */
5  package com.serotonin.modbus4j.sero.log;
6
7  import java.io.File;
8
9  /**
10     * <p>IOLog class.</p>
11     *
12     * @author Matthew Lohbihler
13     * @version 5.0.0
14     */
15  public class IOLog extends BaseIOLog{
16      //private static final Log LOG = LoggerFactory.getLog(IOLog.class);
17      private static final int MAX_FILESIZE = 1000000;
18      // private static final int MAX_FILESIZE = 1000;
19      private final File backupFile;
20
21      /**
22       * <p>Constructor for IOLog.</p>
23       *
24       * @param filename a {@link java.lang.String} object.
25       */
26      public IOLog(String filename) {
27          super(new File(filename));
28          backupFile = new File(filename + ".1");
29      }
30
31
32      /** {@inheritDoc} */
33      @Override
34      protected void sizeCheck() {
35          // Check if the file should be rolled.
36          if (file.length() > MAX_FILESIZE) {
37              out.close();
38
39              if (backupFile.exists())
40                  backupFile.delete();

```

Do something with the "boolean" value returned by "delete". yesterday ▾ L40
 Why is this an issue?
 Vulnerability ▾ Minor ▾ Open ▾ Not assigned ▾ 15min effort [Comment](#) No tags ▾

```

41      file.renameTo(backupFile);

```

Do something with the "boolean" value returned by "renameTo". yesterday ▾ L41
 Why is this an issue?
 Vulnerability ▾ Minor ▾ Open ▾ Not assigned ▾ 15min effort [Comment](#) No tags ▾

```

42          createOut();
43      }
44  }
45  //
46  // public static void main(String[] args) {
47  //     byte[] b = { 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 };
48  //
49  //     IOLog log = new IOLog("iotest");
50  //     log.Log("test");
51  //     log.Log("testtest");
52  //
53  //     log.input(b);
54  //     log.output(b);
55  //     log.input(b);
56  //     log.output(b);
57  //     log.input(b);
58  //     log.output(b);
59  //     log.input(b);
60  //     log.output(b);
61  //     log.input(b);
62  //     log.output(b);
63  //     log.input(b);

```


Filters Assigned to me All

Status To review Overall code

Security Hotspots Reviewed 0.0%

Make sure this debug feature is deactivated before delivering the code in production.

Add Comment Get Permalink

2 Security Hotspots to review

Review priority: LOW

Insecure Configuration 2

Make sure this debug feature is deactivated before delivering the code in production.

TO REVIEW

Make sure this debug feature is deactivated before delivering the code in production.

TO REVIEW

2 of 2 shown

Category Insecure Configuration
Review priority LOW
Assignee Not assigned

Status: To review

This Security Hotspot needs to be reviewed to assess whether the code poses a risk.

src/com/serotonin/modbus4j/ip/listener/TcpListener.java

```

314         while (true) {
315             try {
316                 Thread.sleep(500);
317             }
318             catch (InterruptedException e) {
319                 e.printStackTrace();
320             }
321
322             if (!connected) {
323                 try {
324                     serverSocket = new ServerSocket(ipParameters.getPort());

```

What's the risk? Are you at risk? How can you fix it?

Delivering code in production with debug features activated is security-sensitive. It has led in the past to the following vulnerabilities:

- CVE-2018-1999007
- CVE-2015-5306
- CVE-2013-2006

An application's debug features enable developers to find bugs more easily and thus facilitate also the work of attackers. It often gives access to detailed information on both the system running the application and users.

Activity:

April 16, 2021, 12:01 AM

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