

# OpenJDK1.8 :java/lang/NoSuchMethodError': Method sun.misc.Unsafe.defineClass(Ljava/lang/String; [BII)

原创

张伯毅 于 2021-03-17 19:32:09 发布 1366 收藏

分类专栏: [OpenJDK](#)

版权声明: 本文为博主原创文章, 遵循 [CC 4.0 BY-SA](#) 版权协议, 转载请附上原文出处链接和本声明。

本文链接: [https://blog.csdn.net/zhanglong\\_4444/article/details/114945470](https://blog.csdn.net/zhanglong_4444/article/details/114945470)

版权



[OpenJDK 专栏收录该内容](#)

4 篇文章 0 订阅

订阅专栏

记录一个OpenJDK1.8的一个BUG:

Crash日志 报错信息:

```
Event: 0.078 Thread 0x00007f1160055800 Exception <a 'java/lang/NoSuchMethodError': Method sun.misc.Unsafe.defineClass(Ljava/lang/String;[BII)Ljava/lang/Class; name or signature does not match> (0x0000000080007cc8) thrown at [/builddir/build/BUILD/java-1.8.0-openjdk-1.8.0.275.b01-1.e18_3.x86_64
Event: 0.078 Thread 0x00007f1160055800 Exception <a 'java/lang/NoSuchMethodError': Method sun.misc.Unsafe.prefetchRead(Ljava/lang/Object;J)V name or signature does not match> (0x0000000080007fb0) thrown at [/builddir/build/BUILD/java-1.8.0-openjdk-1.8.0.275.b01-1.e18_3.x86_64/openjdk/hotspot/s
Event: 0.134 Thread 0x00007f1160055800 Exception <a 'java/security/PrivilegedActionException'> (0x00000000801ccaf0) thrown at [/builddir/build/BUILD/java-1.8.0-openjdk-1.8.0.275.b01-1.e18_3.x86_64/openjdk/hotspot/src/share/vm/prims/jvm.cpp, line 1530]
Event: 0.134 Thread 0x00007f1160055800 Exception <a 'java/security/PrivilegedActionException'> (0x00000000801ccd00) thrown at [/builddir/build/BUILD/java-1.8.0-openjdk-1.8.0.275.b01-1.e18_3.x86_64/openjdk/hotspot/src/share/vm/prims/jvm.cpp, line 1530]
```

解决方式:

升级JDK版本.

原因, 官方解释:

The screenshot shows the JDK Bug System interface. The browser address bar displays `bugs.openjdk.java.net/browse/JDK-8058744`. The page title is "Crash in C1 OSRed method w/ Unsafe usage". The bug is categorized as "Bug" with a priority of "P2" and a status of "CLOSED". It affects versions 8u40 and 9, and is associated with the "hotspot" component and "compiler" subcomponent. The bug was resolved in build b34 and has been verified. A table of backports shows that the issue was fixed in builds b34, b01, b08, and team. The description includes a link to a mailing list post and a partial description of the issue: "I have a strange behaviour using Unsafe in Java 1.8.0\_20. When I use getByte/putByte to manipulate bits, my JVM crashes (access violation). But when I use getLong/putLong for the same purpose it works correctly."

**JDK / JDK-8058744**  
**Crash in C1 OSRed method w/ Unsafe usage**

**Details**

Type:	Bug	Status:	CLOSED
Priority:	P2	Resolution:	Fixed
Affects Version/s:	8u40, 9	Fix Version/s:	9
Component/s:	hotspot		
Labels:	None		
Subcomponent:	compiler		
Resolved In Build:	b34		
Verification:	Verified		

**Backports**

Issue	Fix Version	Assignee	Priority	Status	Resolution	Resolved In Build
<a href="#">JDK-8083043</a>	emb-9	Igor Veresov	P2	Resolved	Fixed	b34
<a href="#">JDK-8063319</a>	8u45	Igor Veresov	P2	Resolved	Fixed	b01
<a href="#">JDK-8059096</a>	8u40	Igor Veresov	P2	Closed	Fixed	b08
<a href="#">JDK-8071055</a>	emb-8u47	Igor Veresov	P2	Resolved	Fixed	team

**Description**

<http://cs.oswego.edu/pipermail/concurrency-interest/2014-September/012953.html>  
Date: Thu, 18 Sep 2014 12:38:59 +0200  
From: Gaëlle Guimezanes <ggu@quartetfs.com>  
To: concurrency-interest@cs.oswego.edu

[...]

I have a strange behaviour using Unsafe in Java 1.8.0\_20.  
When I use getByte/putByte to manipulate bits, my JVM crashes (access violation).  
But when I use getLong/putLong for the same purpose it works correctly.

[https://blog.csdn.net/zhanglong\\_4444](https://blog.csdn.net/zhanglong_4444)