

Performance OracleJDK or OpenJDK



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4 I am forced to using Java on my server and I am having a headache installing Java. I have an automated deployment script which installs the software and needs to be run to reinstall the server regularly in the cloud.

I am so stuck on which route to go down. **So my question is, am I right to be concerned about the performance of OpenJDK?** I am using this for a SOLR search server.

2 The current three options

OpenJDK7

- Easy to automate install
- Fairly fast
- Fairly stable

Sun JDK6

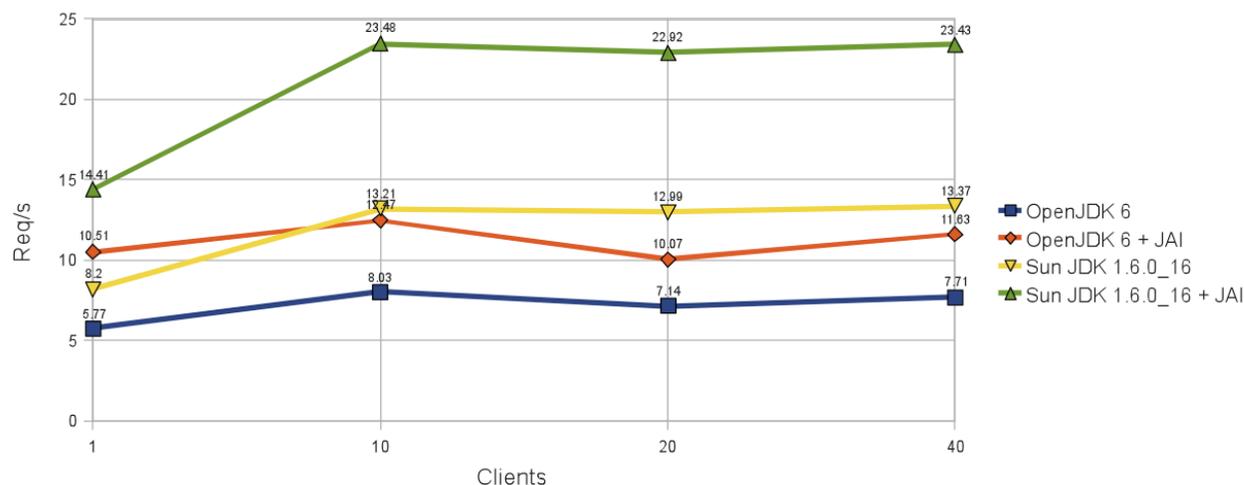
- Easy to automate install
- Fairly fast
- Fairly stable

Oracle JDK7

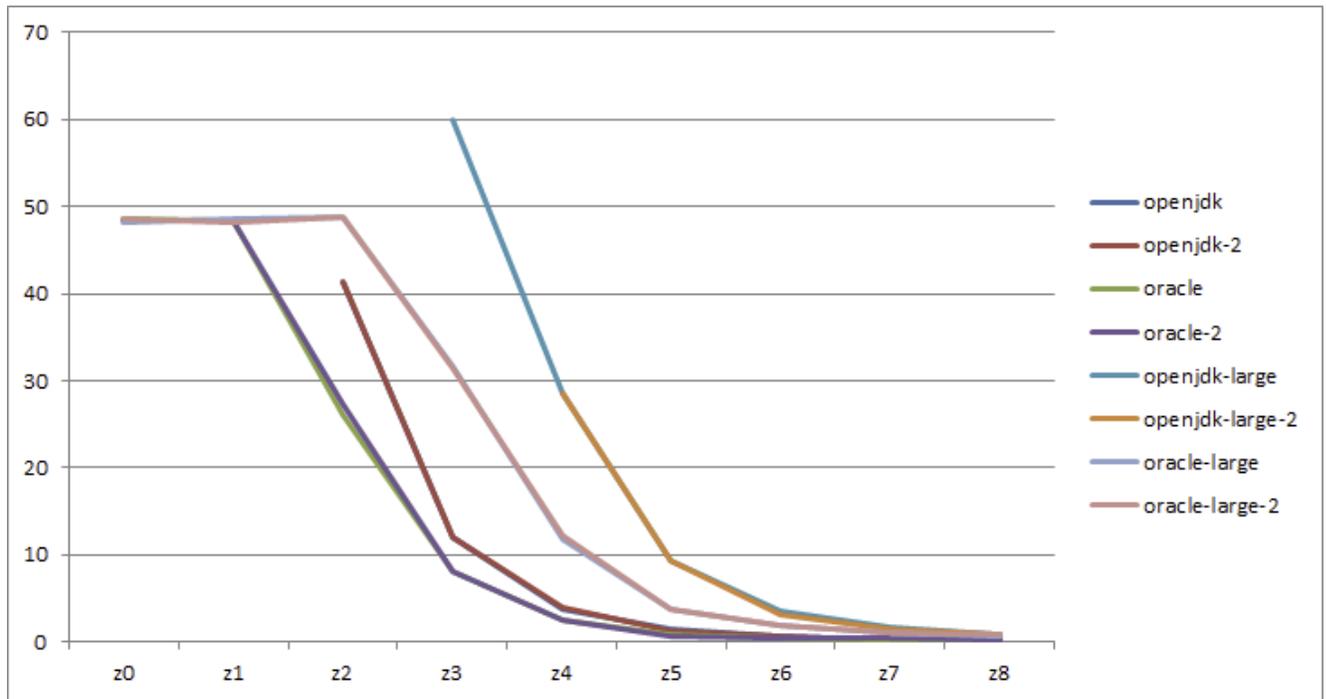
- Nearly impossible to automate install
- Fast
- Stable

REFERENCES

A. <http://opengeo.org/publications/geoserver-production/>



B. <http://research.geodan.nl/2012/10/openjdk7-vs-oracle-jdk7-with-geoserver/>



C. <http://blog.gonzih.me/blog/2013/04/14/clojure-on-raspberry-pi-openjdk-vs-oracle-java-8/>

linux

performance

debian

java

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asked May 10 '13 at 14:55



James Willson

162 1 1 9

3 In JDK7, the implementation code of OpenJDK 7 and Oracle JDK 7 is nearly identical in all but a very limited number of cases, primarily to do with desktop-things (media coding and such). There is no reason that I can fathom that OpenJDK 7 would be slower than Oracle JDK 7. – [allquixotic](#) May 10 '13 at 15:01

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2 Answers

active

oldest

votes

No need for compromises!

4

```
sudo add-apt-repository ppa:webupd8team/java
sudo apt-get update
sudo apt-get install oracle-java7-installer
```

There are also development builds of Java 8 available.

```
sudo apt-get install oracle-java8-installer
```

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edited May 10 '13 at 15:29

answered May 10 '13 at 15:14



Darth Android

31.6k 4 68 91

1 How reliable is this third party plugin repo though? I can't help but get the feeling that one day it just wont be there and it will break my production site – [James Willson](#) May 10 '13 at 15:33

It's been around for about a year so far ([Original Announcement](#)) and still kicking strong. You're right in that like any 3rd party PPA, it may go offline or stop getting updates; I would definitely keep a mirror of the repo to be on the safe side to guard against the site going down, and re-evaluate your solution if Oracle breaks the packages by moving links or something. Easily installing Oracle's JDKs is a pretty big thing, so I'd imagine that someone else would take up the mantle quickly enough. – [Darth Android](#) May 10 '13 at 15:39

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Best way to go is to use this sites repository as it can also update your Oracle Java without a hitch.<http://www.duinsoft.nl/packages.php> Their repository is for Debian and derivatives.

0

cheers Roesjka