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Can't install Oracle JDK 9

I uninstalled jdk packages and now can't install them back. I managed to install oracle-java7-installer and oracle-java8-installer but can't install oracle-java9-installer. It seems that my computer tries to download wrong version of oracle-java9-installer 177 when version i would be able to download is 178.

```
$ wget http://download.java.net/java/jdk9/archive/178/binaries/jdk-9+178_linux-x64_bin.tar.gz
--2017-07-21 11:00:02--
http://download.java.net/java/jdk9/archive/178/binaries/jdk-9+178_linux-x64_bin.tar.gz
Connecting to 10.144.1.10:8080... connected.
Proxy request sent, awaiting response... 200 OK
Length: 293348142 (280M) [application/x-gzip]
Saving to: 'jdk-9+178_linux-x64_bin.tar.gz'

jdk-9+178_linux-x64_bin.tar.gz  1%[>
]  5.42M  5.04MB/s      ^C

$ wget http://download.java.net/java/jdk9/archive/177/binaries/jdk-9+177_linux-x64_bin.tar.gz
--2017-07-21 11:00:16--
http://download.java.net/java/jdk9/archive/177/binaries/jdk-9+177_linux-x64_bin.tar.gz
Connecting to 10.144.1.10:8080... connected.
Proxy request sent, awaiting response... 404 Not Found
2017-07-21 11:00:17 ERROR 404: Not Found.
```

Can you help? apt-get tries to install Oracle JDK 9.

I run Ubuntu 16.04 in virtual machine hosted by win7

Full error message:

```
sudo apt-get install oracle-java9-installer
Reading package lists... Done
Building dependency tree
Reading state information... Done
oracle-java9-installer is already the newest version (9b177-1-webupd8-0).
0 upgraded, 0 newly installed, 0 to remove and 147 not upgraded.
1 not fully installed or removed.
After this operation, 0 B of additional disk space will be used.
Do you want to continue? [Y/n] Y
Setting up oracle-java9-installer (9b177-1-webupd8-0) ...
Using wget settings from /var/cache/oracle-jdk9-installer/wgetrc
Downloading Oracle Java 9...
--2017-07-21 10:54:11--
http://download.java.net/java/jdk9/archive/177/binaries/jdk-9+177_linux-x64_bin.tar.gz
Connecting to 10.144.1.10:8080... connected.
Proxy request sent, awaiting response... 404 Not Found
2017-07-21 10:54:13 ERROR 404: Not Found.

download failed
Oracle JDK 9 is NOT installed.
dpkg: error processing package oracle-java9-installer (--configure):
 subprocess installed post-installation script returned error exit status 1
Errors were encountered while processing:
 oracle-java9-installerE: Sub-process /usr/bin/dpkg returned an error code (1)
```


apt jdk

edited Aug 1 at 9:58

Zanna

37k1286173

asked Jul 21 at 8:06

Akseli Arvaja

7515

- Check your network connection on your VM. – George Jul 21 at 9:17
- 2 Definitely not a network issue. The file doesn't exist. – Nathan J. Brauer Jul 23 at 5:44
- Just tried to install from the webupd8 PPA and it was successful without having to modify any of the files

mentioned in previous answers. – [mkobit](#) Oct 2 at 15:06

4 Answers

I've just experienced the same problem and done the following:

1. `cd /var/lib/dpkg/info/`
2. in all files `oracle-java9-installer.*` change version numbers 177->178 and SHA256SUM_TGZ to what you see on the official website
3. `sudo apt-get install oracle-java9-installer`

I know that it is dirty and incorrect way, but I didn't manage to find any alternatives

edited Jul 30 at 17:25



Zanna

37k 12 86 173

answered Jul 21 at 11:47



Olga Zolotareva

116 1 2

"and SHA256SUM_TGZ to what you see on the official website" Could you provide said value, or website's url ? I feel like I'm looking for a needle in a haystack – [Balmipour](#) Jul 21 at 14:57

I found the SHAs here: jdk.java.net/9 (accept the terms first). I'm working through Olga's solution to see if it works now... – [Nathan J. Brauer](#) Jul 23 at 5:44

Confirmed that it works! Make sure you get the SHA256 from the correct Linux type (ARM vs not; 32 vs 64). You don't need to replace ALL of the SHA256 hashes – only the one for the architecture your computer uses. – [Nathan J. Brauer](#) Jul 23 at 5:52

Thanks alot! you saved me from creating new VM which would have took for like 1-2 working days! – [Akseli Arvaja](#) Jul 24 at 7:06

askubuntu.com/a/966163/46543 answer works now (2017-10-18). – [Lord Loh](#). 18 hours ago



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Prefer a friend solution

```
sudo apt-get install oracle-java9-installer
cd /var/lib/dpkg/info
sudo sed -i 's/=177/=179/' oracle-java9-installer.*
sudo sed -i 's/SHA256SUM_TGZ="a6905f3a4245a071880e1793b8d3d6100ef7b171ea1d6ebfe6312c25c2fca8bb"/
oracle-java9-installer.*
sudo apt-get install oracle-java9-installer
```

edited Jul 30 at 17:24



Zanna

37k 12 86 173

answered Jul 30 at 4:40



oualid-hack alger

91 1

- 2 This is the most precise of all the answers. It actually gives you the direct commands to fix the issue. – [ezwrighter](#) Jul 30 at 15:59

This no longer works. The URL is now different: Was: download.java.net/java/jdk9/archive/181/binaries/... Is: download.java.net/java/GA/jdk9/9/binaries/... – [ST-DDT](#) Sep 22 at 7:13

@ST-DDT none of both links worked for me now. I used this one: download.oracle.com/otn-pub/java/jdk/9.0.1+11/ ... but you need to accept license agreement first. – [logoff](#) 11 hours ago

For the GA release version of the JDK use:

```
cd /var/lib/dpkg/info
sudo sed -i 's|SHA256SUM_TGZ="2ef49c97ddcd5e0de20226eea4cca7b0d7de63dddec80eff8291513f6474ca0dc"|
oracle-java9-installer.*
sudo sed -i 's|JAVA_VERSION_MINOR=181|JAVA_VERSION_MINOR=181|' oracle-java9-
installer.*
sudo sed -i 's|FILENAME=jdk-${JAVA_VERSION_MAJOR}+${JAVA_VERSION_MINOR}_linux-${dld}_bin.tar.gz|
oracle-java9-installer.*
sudo sed -i 's|PARTNER_URL=http://download.java.net/java/jdk${JAVA_VERSION_MAJOR}/archive/${JAVA
pub/java/jdk/${JAVA_VERSION_MAJOR}+${JAVA_VERSION_MINOR}/${FILENAME}|' oracle-java9-
installer.*
```

answered Sep 22 at 7:58



etich

91 1 1

1 Nice! Works awesome! – [ST-DDT](#) Sep 22 at 8:061 Maybe you should share your solution at askubuntu.com/questions/958241/... as well. – [ST-DDT](#) Sep 22 at 8:07Thanks this is workig for me – [SMIT PATIL](#) Sep 23 at 7:41Confirm that works, thanks – [cocorossello](#) Sep 24 at 21:25Thanks, did that – [etich](#) Sep 25 at 7:11

Previous answers do not work for version 9b181-1~webupd8~2 of the installer.

The following worked:

```
sudo apt-get install oracle-java9-installer
```

You can use `ls oracle-java9*` to see relevant files in this directory:

```
cd /var/lib/dpkg/info
```

Fix the incorrect sum, in `oracle-java9-installer.config` actually:

```
sudo sed -i
's|SHA256SUM_TGZ="2ef49c97ddcd5e0de20226eea4cca7b0d7de63ddec80eff8291513f6474ca0dc"|
oracle-java9-installer.*'
```

Fix a second incorrect sum, in `oracle-java9-installer.postinst` :

```
sudo sed -i
's|SHA256SUM_TGZ="1c6d783a54fcc0673ed1f8c5e8650b1d8977ca3e856a03fba0090198e0f16f6d"|
oracle-java9-installer.*'
```

Next:

```
sudo sed -i 's|JAVA_VERSION_MAJOR=9|JAVA_VERSION_MAJOR=9.0.1|' oracle-java9-
installer.*
sudo sed -i 's|JAVA_VERSION_MINOR=181|JAVA_VERSION_MINOR=11|' oracle-java9-
installer.*
sudo sed -i 's|J_DIR=jdk-9|J_DIR=jdk-9.0.1|' oracle-java9-installer.*
sudo sed -i
's|FILENAME=jdk-${JAVA_VERSION_MAJOR}+${JAVA_VERSION_MINOR}_linux-${dld}_bin.tar.gz|
oracle-java9-installer.*'
sudo sed -i
's|PARTNER_URL=http://download.java.net/java/jdk${JAVA_VERSION_MAJOR}/archive/${JAVA
pub/java/jdk/${JAVA_VERSION_MAJOR}+${JAVA_VERSION_MINOR}/${FILENAME}|' oracle-java9-
installer.*'
```

Then install, again:

```
sudo apt-get install oracle-java9-installer
```

You can also download the java9 tgz package separately and place it in `/var/cache/oracle-jdk9-installer` once you have tried (and failed) installing (it will make the directory). After performing the above fixes it will install from the cached version (keep a backup copy) instead of trying to download again.

edited 21 hours ago



Eliah Kagan

70.4k 18 194 320

answered 21 hours ago



Raymond Martin

31 1

This is the solution that worked for me on 2017-10-18.java 9.0.1 Thank you! – [Lord Loh](#). 18 hours ago

worked, but this solution will be temporal until PPA maintainer updates the files permanently and applies the new version schema – [logoff](#) 11 hours ago

protected by **Community** ♦ 13 hours ago

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