

## VMLite VNC Server Broken On Android Lollipop?

Posted by oritpro - 2014/11/20 16:36

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I installed Android L on my Nexus 5 a couple weeks before release and the VNC Server wouldn't start using the VMLite Android App Controller. It works fine on Kit Kat.

Has anybody tried it lately? I am curious to know if it's working on the Android L release version or if there is an update planned to fix it.

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## Re: VNC Server On Android Lollipop

Posted by phiph - 2014/11/22 03:47

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up

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## Re:VMLite VNC Server Broken On Android Lollipop?

Posted by oritpro - 2014/11/24 09:21

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## Re:VMLite VNC Server Broken On Android Lollipop?

Posted by agent uk - 2014/11/24 13:54

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Getting this problem too..

Any fix for this coming at all?

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## Re:VMLite VNC Server Broken On Android Lollipop?

Posted by huisinro - 2014/11/24 17:34

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Working on it, will release a new version to support Android 5.0

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## Re:VMLite VNC Server Broken On Android Lollipop?

Posted by agent uk - 2014/11/25 15:16

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Great news. Thanks for the fast response!

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### Re:VMLite VNC Server Broken On Android Lollipop?

Posted by aluedeke - 2014/11/28 02:35

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### Re:VMLite VNC Server Broken On Android Lollipop?

Posted by huisinro - 2014/11/30 09:53

A new version supporting Android 5 will be released within next week.

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### Re:VMLite VNC Server Broken On Android Lollipop?

Posted by huisinro - 2014/12/01 15:13

The new version 2.0 is now released to google play, and it supports Android 5

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### Re:VMLite VNC Server Broken On Android Lollipop?

Posted by oritpro - 2014/12/01 18:08

Got the update and still can't start the VNC server using the latest version of the Android App Controller.

Anybody else?

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### Re:VMLite VNC Server Broken On Android Lollipop?

Posted by keyra74 - 2014/12/01 21:47

hi,  
thx for the update but i can't use it  
every time i launch vmlite it says : checking licence for 2 minutes then APP not licenced.  
i can confirm it is since i bought it more than one year ago and my play store says "bought"

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## Re:VMLite VNC Server Broken On Android Lollipop?

Posted by chrisbu - 2014/12/02 01:38

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Hello.

I too have been waiting for this update, however it's not working. Here are the symptoms:

1. Android VMLite Server starts fine. The first time it ran it checked for licence, but not subsequently. Instead it says it's listening on UDP.
2. I uninstalled and re-installed the windows controller. Starting from a fresh boot of my computer and phone (nexus 4), Clicking "Start VMLite VNC Server" causes the app to open on the phone, with the green start button and "Server is Stopped". The message on windows, however, says Starting VMLite VNC Server on device ...  
Checking Android devices ...  
\* daemon not running. starting it now on port 5037 \*  
\* daemon started successfully \*  
List of devices attached  
0079b6eccdc79d4 device

VMLite VNC Server is successfully stopped on 0079b6eccdc79d4.

Starting VMLite VNC Server on device ...  
VMLite VNC Server is successfully started on 0079b6eccdc79d4.  
You can now safely disconnect your device from this PC, and quit this program.

Below the device dropdown, however, it says "VMLite VNC server is running" in green, and the button text says "Stop VMLite VNC Server". (windows app)

The Android app has not changed from "Server is stopped" and a green "Start" button.

It seems that although the windows app is communicating with the phone (because it causes the server app to load on the phone), it doesn't actually start the VNC server (tight vnc won't connect).

Thanks in advance for your efforts.

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## Re:VMLite VNC Server Broken On Android Lollipop?

Posted by huisinro - 2014/12/02 09:04

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can you try to completely uninstall the app first? then re-install the new version? may need to reboot the device. Make sure your network works OK.

keyra74 wrote:

hi,  
thx for the update but i can't use it  
every time i launch vmlite it says : checking licence for 2 minutes then APP not licenced.

i can confirm it is since i bought it more than one year ago and my play store says "bought"

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### Re:VMLite VNC Server Broken On Android Lollipop?

Posted by keyra74 - 2014/12/02 10:01

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nope same problem,  
uninstalled  
rebooted phone  
reinstalled

i'm gonna get a logcat

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### Re:VMLite VNC Server Broken On Android Lollipop?

Posted by keyra74 - 2014/12/02 10:20

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logcat joined [http://vmlite.com/images/fbfiles/files/2014\\_12\\_02\\_19\\_03\\_22.txt](http://vmlite.com/images/fbfiles/files/2014_12_02_19_03_22.txt)

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### Re:VMLite VNC Server Broken On Android Lollipop?

Posted by keyra74 - 2014/12/02 21:31

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still having the licence error on tonight update :(

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### Re:VMLite VNC Server Broken On Android Lollipop?

Posted by huisinro - 2014/12/02 21:47

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12-02 19:03:55.904 E/LicenseValidator( 6756): Signature verification failed.

This is the cause, very weird. Did you change the apk in any way?

Please send me (by email) your receipt, and the google account email address, I will verify.

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### Re:VMLite VNC Server Broken On Android Lollipop?

Posted by keyra74 - 2014/12/02 21:55

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i don't see how i could alterate the apk by just getting it from play store  
i'll pm you my gmail adress but i don't think i have still have the receipt  
it shows in my play store account thou : january 26 2013

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## Re:VMLite VNC Server Broken On Android Lollipop?

Posted by keyra74 - 2014/12/02 22:01

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mail sent

edit : problem solved by itself  
i rebooted again and this time it works  
weird but ok  
since it worked on my tab i didn't why it wouldn't on phone  
thx again :)

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## Re:VMLite VNC Server Broken On Android Lollipop?

Posted by chrisbu - 2014/12/03 00:17

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I can confirm that the latest version (2.0.2) is working as expected. Thanks for the quick turnaround.

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## Re:VMLite VNC Server Broken On Android Lollipop?

Posted by oritpro - 2014/12/03 06:33

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Heads up, a new Android App Controller was released and it appears to contain a newer version of adb.

V2.0.2 is working over WiFi but not USB, this could be an issue with adb though I am not sure. Also, the server won't start on the first try, it has to be initiated twice from the controller app.

To troubleshoot this, I uninstalled the old app from my phone, installed the v2.02, rebooted the phone.

I installed v2.0.4 and can't start the server at all. Here's the message output from app controller.

```
Setting up USB connection...  
Starting VMLite VNC Server on device ...  
Starting: Intent { act=android.intent.action.MAIN cmp=com.vmlite.vncserver/.MainActivity }
```

```
/system/bin/sh: /data/data/com.vmlite.vncserver/files/vmlitevncserver: not found
```

VMLite VNC Server is successfully stopped on 04dbd34e13afc005.

```
Starting VMLite VNC Server on device ...
```

Starting: Intent { act=android.intent.action.MAIN cmp=com.vmlite.vncserver/.MainActivity }

Warning: Activity not started, its current task has been brought to the front

/system/bin/sh: /data/data/com.vmlite.vncserver/files/vmlitevncserver: not found

VMLite VNC Server is successfully stopped on 04dbd34e13afc005.

Starting VMLite VNC Server on device ...

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Starting VMLite VNC Server on device ...

Starting: Intent { act=android.intent.action.MAIN cmp=com.vmlite.vncserver/.MainActivity }

/system/bin/sh: /data/data/com.vmlite.vncserver/files/vmlitevncserver: not found

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Warning: Activity not started, its current task has been brought to the front

/system/bin/sh: /data/data/com.vmlite.vncserver/files/vmlitevncserver: not found

VMLite VNC Server is successfully stopped on 04dbd34e13afc005.

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## Re:VMLite VNC Server Broken On Android Lollipop?

Posted by huisinro - 2014/12/03 06:36

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Don't use UPDATE from google play store, try to uninstall the app first, then re-install.

There is a bug doing an update, the old symbolic link still there.

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## Re:VMLite VNC Server Broken On Android Lollipop?

Posted by oritpro - 2014/12/03 06:48

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huisinro wrote:

Don't use UPDATE from google play store, try to uninstall the app first, then re-install.

There is a bug doing an update, the old symbolic link still there.

That fixed it, thanks!

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### Re:VMLite VNC Server Broken On Android Lollipop?

Posted by huisinro - 2014/12/03 07:13

uploaded another fix, v2.0.6, hopefully it will fix the update bug.

About USB mode, it works fine for me, can you test more? Make sure you click USB Connect after vnc server started.

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### Re:VMLite VNC Server Broken On Android Lollipop?

Posted by oritpro - 2014/12/03 08:12

USB mode works fine after a fresh install of v2.0.4 (not an update).

One question, did the adb commands to start the server change with this new update? I wrote my own app that shells out to adb to start the server and it doesn't work with v2.x.x anymore.

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### Re:VMLite VNC Server Broken On Android Lollipop?

Posted by huisinro - 2014/12/03 08:17

yes, adb changed this version, I grabbed the latest one from google android sdk.

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### Re:VMLite VNC Server Broken On Android Lollipop?

Posted by oritpro - 2014/12/03 16:34

The syntax appears to be the same ([http://www.vmlite.com/vaac/#install\\_on\\_linux](http://www.vmlite.com/vaac/#install_on_linux)).

```
sudo adb forward tcp:5801 tcp:5801
sudo adb forward tcp:5901 tcp:5901
adb shell "am start -a android.intent.action.MAIN -n com.vmlite.vncserver/.MainActivity"
adb shell "/data/data/com.vmlite.vncserver/files/vmlitevncserver --start"
```

These commands no longer work for USB, what has changed? Btw, I am using adb on Windows.

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## Re:VMLite VNC Server Broken On Android Lollipop?

Posted by huisinro - 2014/12/03 17:28

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old commands should work:

```
adb shell "am start -a android.intent.action.MAIN -n com.vmlite.vncserver/.MainActivity"
adb shell "/data/data/com.vmlite.vncserver/files/vmlitevncserver" (don't use --start option, which is for something else)
```

```
adb forward tcp:5801 tcp:5801
adb forward tcp:5901 tcp:5901
```

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## Re:VMLite VNC Server Broken On Android Lollipop?

Posted by oritpro - 2014/12/03 18:15

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Ok, that worked! I find it interesting that TCP forwarding must be enabled last now but I am not complaining. A simple one line code change and my app is working now as well.

Many thanks for your help!

Oh, and in case your interested what I use VMLite VNC Server for...it's a major part of my home brew In-vehicle Infotainment System. I mirror my phone to a 7" touchscreen mounted in the dash by simply pressing a button on the steering wheel. Then I can control it with the touchscreen, voice commands, or the steering wheel buttons. I've been using it for 1 1/2 years now and VNC server has worked flawlessly.

Here's a photo album of my current installation.  
<https://picasaweb.google.com/oritpro/MyIVI02>

A newer better IVI is in the works. B)

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## Re:VMLite VNC Server Broken On Android Lollipop?

Posted by huisinro - 2014/12/03 18:37

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Wow, thanks for those photos, very impressive.

Is VNC Server too slow for that purpose? I guess you don't do much video streaming yet.

We will have a much faster app coming up, which will try to merge the remote control of vnc and the real



time streaming from airplay (on Android)

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### Re:VMLite VNC Server Broken On Android Lollipop?

Posted by oritpro - 2014/12/03 18:51

Thanks! Those pics are pretty old though, I simplified and improved things quite a bit over the last year.

The frame rate is \*good enough\* for navigation and traffic reporting apps like Google Maps and Waze, as well as Pandora, Spotify, and Torque. Basically any app that doesn't require a high frame rate like YouTube. I tried several Android VNC server apps and VMLite was the fastest.

I don't stream videos in my car but if you folks can make a faster better solution that works like VNC or RDP that would be great, sign me up!

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### Re:VMLite VNC Server Broken On Android Lollipop?

Posted by huisinro - 2014/12/03 19:29

right, for those type of interactive apps, vnc is good enough. What is the os running on your dashboard?

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### Re:VMLite VNC Server Broken On Android Lollipop?

Posted by oritpro - 2014/12/03 20:05

That's Window 7 32-bit running on an Intel Atom DN2800MT, the UI on the PC is Centrafuse. I use a button on the steering wheel to toggle between Centrafuse and the Android mirror. The steering wheel buttons and touchscreen control whichever device has focus.

I built a custom controller for the steering wheel media buttons around a Sparkfun Pro Micro. The code running on it debounces the buttons and allows for two button states, short press and long press. This gives me up to 16-programmable functions, I'll put the code up on github one of these days. It was developed over the course of the project and works pretty well, I think others might benefit from it.

The next IVI will run Win 8.1 or Threshold on a Minnowboard Max and be a completely self-contained head unit. I'll probably create a new UI using HTML 5, this project is still in the beginning stages though. I am also looking into Android Auto.

<https://picasaweb.google.com/oritpro/MyIVI3>

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### Re:VMLite VNC Server Broken On Android Lollipop?

Posted by huisinro - 2014/12/03 20:10

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since it's windows receiver, you can probably run our windows airplay receiver, it can also receive iOS mirroring. Search Windows rPlay in this forum to download a trial version. No control yet. Our goal is to provide the fastest streaming solution, plus remote control, for Android and iOS.

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### Re:VMLite VNC Server Broken On Android Lollipop?

Posted by stridernemesis - 2014/12/03 20:10

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Using version 2.0.6 on a Nexus 4 with Lollipop, the server starts fine, but it no longer shows the permanent notification when a client connects, unless the server app (where you configure it) is open on the phone. Furthermore, the screen flickers and becomes completely black for short periods of time on TightVNC (not on the phone) every now and then when connected via WiFi (I haven't tried USB); it's kind of annoying.

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### Re:VMLite VNC Server Broken On Android Lollipop?

Posted by huisinro - 2014/12/03 20:14

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Hi stridernemesis, thanks for reporting the bugs. Right now, I only got one Android 5 device (Nexus 7 2013), so I'd expect some bugs, will improve it and upload new builds.

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### Re:VMLite VNC Server Broken On Android Lollipop?

Posted by oritpro - 2014/12/03 20:32

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Will do, I look forward to testing it out!

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