

Cannot get Server to Start - Galaxy S3 and Win7

Posted by ahuttenrauch - 2012/08/14 14:30

I have followed all instructions and should have everything up-to-date, yet I cannot get the server to start on my Samsung Galaxy S3.

I'm running Win7 (64) and Windows sees the phone. All USB drivers are up-to-date (according to Windows), and in the Device Manager, I see "Android ADB Interface" under "Android Phone".

The VMLite Android App Controller sort-of sees the phone, but says it's offline (which it's not):

```
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  
5e042092 offline
```

Error: no android device is connected.

Please Help!!!!

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Re: Cannot get Server to Start - Galaxy S3 and Win7

Posted by huisinro - 2012/08/14 14:35

This is weird error, will investigate. If you have a 32-bit PC, can you try it? we have other customers using S3 successfully.

Make sure don't turn USB Storage. and try to reboot the phone, pc, etc.

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Re: Cannot get Server to Start - Galaxy S3 and Win7

Posted by ahuttenrauch - 2012/08/14 14:44

I don't have any other OS's to choose from. (except Linux).
The S3 only has 2 options for USB mode: MTP and PTP. If I choose MTP, it doesn't even show up in the device manager, and your app controller shows nothing in the list. With PTP, it shows up in the device manager, and the app controller shows the phone in the list (but offline).

Help!

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Re:Cannot get Server to Start - Galaxy S3 and Win7

Posted by huisinro - 2012/08/14 14:48

I assume that you used the drivers from our app. i.e., have you installed driver for S3 by yourself?

Can you click Properties > Driver > Driver Details in device manager, what are the driver files?

the error indicates partially working driver, will send you new drivers to try after more testing.

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Re:Cannot get Server to Start - Galaxy S3 and Win7

Posted by ahuttenrauch - 2012/08/14 14:56

The driver shows as
Google, Inc.
2009-08-11
2.0.10.2

If I try to update it, Windows says that the driver software is already up-to-date.

Thanks

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Re:Cannot get Server to Start - Galaxy S3 and Win7

Posted by ahuttenrauch - 2012/08/14 15:34

I forgot to mention also that my Win7 install is in VirtualBox on Ubuntu 12.04. I have the USB 2.0 EHCI controller add-ons installed as well. I don't have any native windows machines.

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Re:Cannot get Server to Start - Galaxy S3 and Win7

Posted by huisinro - 2012/08/14 15:44

oh, that's why. THANKS for this impotent info.

I got exactly same error from vbox, this is vbox's bug. I will inform the developers of vbox. You need to find a native windows.

You can use Linux to start vmlite vnc server. download Android SDK to your linux, then run this command:

```
adb shell /data/data/com.vmlite.vncserver/vmlitevncserver
```

you need to add some usb ids to your linux system files, refer to android documentations.

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Re:Cannot get Server to Start - Galaxy S3 and Win7

Posted by huisinro - 2012/08/14 15:49

I can upload the linux adb binary here. I assume it's Linux 64-bit?

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Re:Cannot get Server to Start - Galaxy S3 and Win7

Posted by ahuttenrauch - 2012/08/14 15:52

Sweet. From Linux is always preferred. (I don't like Windoze).
Yes, it's 64-bit Xubuntu 12.04.
Please upload the binaries, or .deb.
Much appreciated.

A little bit extra on how to get this running would also be helpful. I'm just installing the android sdk now.

Thanks.

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Re:Cannot get Server to Start - Galaxy S3 and Win7

Posted by huisinro - 2012/08/14 16:17

only need to install platform tools, where adb resides. No need to download those large system images.

run "lsusb" to identify the id of your S3.

<http://source.android.com/source/initializing.html>

read Configuring USB Access

then run:
adb devices
adb shell /data/data/com.vmlite.vncserver/vmlitevncserver

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Re:Cannot get Server to Start - Galaxy S3 and Win7

Posted by ahuttenrauch - 2012/08/14 16:22

I'm getting an error:

```
andreas@xubah2012:~/android-sdk-linux/platform-tools$ ./adb shell
/data/data/com.vmlite.vncserver/vmlitevncserver
/system/bin/sh: /data/data/com.vmlite.vncserver/vmlitevncserver: not found
```

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Re:Cannot get Server to Start - Galaxy S3 and Win7

Posted by huisinro - 2012/08/14 16:40

```
adb shell /data/data/com.vmlite.vncserver/files/vmlitevncserver
```

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Re:Cannot get Server to Start - Galaxy S3 and Win7

Posted by huisinro - 2012/08/14 20:46

If this manual method on Linux works out for you, can you write down the steps here? appreciate it. Especially, how do you modify the linux rules file?

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Re:Cannot get Server to Start - Galaxy S3 and Win7

Posted by ahuttenrauch - 2012/08/15 08:39

I'd be happy to post instructions once I get it to work.

We're almost there.

The server is now starting on the device, but VNC is not working properly. The image that is returned looks like a corrupt jpeg with noise and diagonal lines.

http://vmlite.com/images/fbfiles/images/Screenshot__12_08_15__093702_AM.png

I've tried with Vinagre, and both browser options (java and html5).

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Re:Cannot get Server to Start - Galaxy S3 and Win7

Posted by huisinro - 2012/08/15 09:06

did you get the new build from email? if not, send email to info AT vmlite DOT com.

We fixed this issue.

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Re:Cannot get Server to Start - Galaxy S3 and Win7

Posted by ahuttenrauch - 2012/08/15 13:27

Well, we're making progress :-)

I now get this with Vinagre, HTML5 browser, and Java client (all have similar traits in that there is overlapping info, and colours are off.

http://vmlite.com/images/fbfiles/images/Screenshot__12_08_15__022629_PM.png

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Re:Cannot get Server to Start - Galaxy S3 and Win7

Posted by huisinro - 2012/08/15 13:33

the color problem is caused by RGB vs BGR. Seems this phone is in BGR format.

trying now to determine programmatically which is the one.

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Re:Cannot get Server to Start - Galaxy S3 and Win7

Posted by ahuttenrauch - 2012/08/15 16:09

Here are the files as requested.

<http://vmlite.com/images/fbfiles/images/vmlite-20120815.png>

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Re:Cannot get Server to Start - Galaxy S3 and Win7

Posted by ahuttenrauch - 2012/08/15 16:10

Not sure if the log file got attached here. The contents are as follows:

line_length=2944 xres=720, yres=1280, xres_virtual=720, yres_virtual=3840, xoffset=0, yoffset=0, bpp=32

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Re:Cannot get Server to Start - Galaxy S3 and Win7

Posted by huisinro - 2012/08/15 17:07

Thanks for all of the debugging.

next test build should work now. will send via email.

after more testing, a new version will be published, along with supporting USB connection when WIFI is not available.

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Re:Cannot get Server to Start - Galaxy S3 and Win7

Posted by ahuttenrauch - 2012/08/17 14:58

Any news on that next test build?

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Re:Cannot get Server to Start - Galaxy S3 and Win7

Posted by huisinro - 2012/08/17 18:23

You didn't get it via email? A new version is already published in google store, can you update, it should work now.

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Re:Cannot get Server to Start - Galaxy S3 and Win7

Posted by ahuttenrauch - 2012/08/20 08:56

Sweet. The latest update fixed everything.

My settings on Xubuntu 12.04 for Samsung Galaxy S3:

```
$ cat /etc/udev/rules.d/51-android.rules
```

```
# adb protocol on Galaxy S3
SUBSYSTEM=="usb", ATTR{idVendor}=="04e8", ATTR{idProduct}=="6866", MODE="0600",
OWNER="myusername"
```

and to start the server:

```
sudo /home/myusername/android-sdk-linux/platform-tools/adb shell
/data/data/com.vmlite.vncserver/files/vmlitevncserver
```

Thanks again - this software is awesome. When you're sitting in front of a big PC with a big keyboard and mouse, there's no reason to have to fiddle data into a small device :-)

=====
Re:Cannot get Server to Start - Galaxy S3 and Win7

Posted by huisinro - 2012/08/20 09:17

Thanks, I'd appreciate if you can put your comment:

this software is awesome. When you're sitting in front of a big PC with a big keyboard and mouse, there's no reason to have to fiddle data into a small device

to google market.

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Re:Cannot get Server to Start - Galaxy S3 and Win7

Posted by huisinro - 2012/08/20 09:59

Thanks for the rating. I will add this Linux instructions to the doc.

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Re:Cannot get Server to Start - Galaxy S3 and Win7

Posted by huisinro - 2012/08/20 19:40

<http://www.vmlite.com/vaac/>

updated to include the Linux info.
