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Original Message -------Subject:Re: NOT URGENT Action>> Upgrade VirtualBox from v. 5.1 to 6.1 to Solve USB driver of S80 may not work in VirtualBox / WFH / rev. 2 <-DONE Date:Fri, 08 May 2020 11:14:07 +0800 From:Kong Leng <???@mobitek.com.my> Organisation:MOBITEK System Sdn. Bhd. To:Tau q (???) <???@mobitek.com.my>

T, we shall not spend more time on this. It is cloased and done.

------ Original Message -------Subject:Re: NOT URGENT Action>> Upgrade VirtualBox from v. 5.1 to 6.1 to Solve USB driver of S80 may not work in VirtualBox / WFH / rev. 2 Date:Fri, 08 May 2020 11:04:54 +0800 From:Tau q (???) <???@mobitek.com.my> Organisation:MOBITEK System Sdn. Bhd. To:Kong Leng <???@mobitek.com.my>

Mr. Ng,

Yes before entering the command interface, the port settings will pop up, and i set the baud rate every single time.

Thanks.

On 2020-05-08 10:55 AM, Kong Leng wrote:

When i open the Hyper Terminal to test, the port number COM6 also appeared, but then cannot do "AT-OK" test.

Did you set "baud rate = 115200" in hyper terminal?

If "no" then set it and try again.

On 2020-05-06 3:34 PM, Tau q (???) wrote:

Mr. Ng,

The last update for this action:

PROBLEM	SOLUTION	SOLVED?	REMARK
work in	I refer to this method (source: <u>https://www.wintips.org/how-to-setup-usb-on-virtualbox-guest-oracle/</u>) to test the USB in the VM-WS2016 After installing Extension Pack in VM-WS2012, USB 2.0 and USB 3.0 shown in the USB list Windows Server 2012 64bit - Settings	NO	
https://mobitek- system.com /blog/2018 /09/usb-driver- of-mobitek- s80-sms- modem- does-not- work-in- virtualbox/	Image: Seneral system USB Image: System Image: Enable USB Controller Image: Display USB 1.1 (CHCI) Controller Image: Display USB 1.1 (CHCI) Controller Image: Display USB 2.0 (CHCI + EHCI) Controller Image: Display USB 3.0 (CHCI) Controller Image: Display USB 3.0 (CHCI) Controller Image: Display USB Device Filters Image: Display Image: Display Image: Display USB Device Filters Image: Display Image: Display Image: Display USB Device Filters Image: Display Image: Display Image: Display USB Device Filters Image: Display Image: Display Image: Display I		
	When i start the WS2016, the "Sierra Wireless" device shown at the list		

1		1	1 1
	Windows Server 2012 64bit (TLS 1.2) [Running] - Oracle VM VirtualBox Devices Help		
	Optical Drives ▶		
	Image: Wetwork Image: Wetwork		
	Wetwork Image: Wetwork<		
	Q Webcams		
	PixArt Dell MS116 USB Optical Mouse [0100] IMC Networks Bluetooth [0200]		
	Shared Clipboard		
	Image: Second		
	Planet Guest Additions CD image Revision: 0006		
	State: Captured		
	The device COM PORT also appeared in Device Manager"		
	4 🔤 WS2012		
	> 🍻 Batteries		
	👂 🧫 Disk drives		
	Isplay adapters Isplay DVD/CD-ROM drives		
	b 🖓 Human Interface Devices		
	▷ cm IDE ATA/ATAPI controllers ▷ Cm Keyboards		
	b 🖞 Mice and other pointing devices		
	Image: Second		
	Definition Definition Definition Definition		
	🍄 Sierra Wireless AT Command Port (UMTS) (COM6)		
	響 Sierra Wireless CNS Port (UMTS) (COM3) 響 Sierra Wireless DM Port (UMTS) (COM4)		
	Sierra Wireless NMEA Port (UMTS) (COM5)		
	memory of the second seco		
	4 Sound, video and game controllers		
	V Universal Serial Bus controllers		
	When i open the Hyper Terminal to test, the port number COM6 also appeared, but then cannot do "AT-OK" test.		
	Connect To		
	MOBITEK		
	Enter details for the phone number that you want to dial		
	Country/region: Malaysia (60)		
	Enter the area code without the long-distance prefix.		
	Area code: 40150		
	Phone number:		
	Connect using: COM3 COM3		
	COM4 COM5		
	□ Detect Came TC/IP (Wrisock) ✓ Use country/region code and area code		
	✓ Use country/region code and area code Redial on busy		
	OK Cancel		
USB driver of	Upgrade VirtualBox from v. 5.1 to 6.1	NO	
S80 may not			
work in	Download installer from		
VirtualBox	P:\Installer\02-Software Development Tools\VirtualBox (Virtualisation)\ <u>VirtualBox-6.1.4-136177-Win.exe</u>		
https://mobitek-			
		1	1
system.com	Note:		
system.com /blog/2018			
<u>system.com</u> /blog/2018 /09/usb-driver-	1. Create a system restore in your MSI before you upgrade. In case v. 6.1 has problem, you can restore		
<u>system.com</u> /blog/2018 /09/usb-driver- of-mobitek-			
system.com /blog/2018 /09/usb-driver- of-mobitek- s80-sms-	1. Create a system restore in your MSI before you upgrade. In case v. 6.1 has problem, you can restore		
system.com /blog/2018 /09/usb-driver- of-mobitek- s80-sms- modem-	1. Create a system restore in your MSI before you upgrade. In case v. 6.1 has problem, you can restore		
system.com /blog/2018 /09/usb-driver- of-mobitek- s80-sms- modem- does-not-	1. Create a system restore in your MSI before you upgrade. In case v. 6.1 has problem, you can restore		
system.com /blog/2018 /09/usb-driver- of-mobitek- s80-sms- modem- modem- does-not- work-in-	1. Create a system restore in your MSI before you upgrade. In case v. 6.1 has problem, you can restore		
system.com /blog/2018 /09/usb-driver- of-mobitek- s80-sms- modem- does-not- work-in-	 <u>Create a system restore in your MSI</u> before you upgrade. In case v. 6.1 has problem, you can restore your system back to v. 5.1 	NO	
system.com /blog/2018 /09/usb-driver- of-mobitek- s80-sms- modem- does-not- work-in- virtualbox/ USB driver of	1. Create a system restore in your MSI before you upgrade. In case v. 6.1 has problem, you can restore	NO	
system.com /blog/2018 /09/usb-driver- of-mobitek- s80-sms- modem- does-not- work-in- virtualbox/	 Create a system restore in your MSI before you upgrade. In case v. 6.1 has problem, you can restore your system back to v. 5.1 The basic VM only has USB 1.0 so i have to download the extension park for the current VM installed in 	NO	



-		<u>H</u> ost a Port n	MOBITEK details for the h address:	Connect T ost that you P/IP (Winsoo P/IP (Winsoo OK	want to ca sk)	? ×			
Disconnected	Auto detect	Auto detect	SCROLL	CAPS	NUM	Capture	Print echo		

On 2020-05-04 5:06 PM, Tau q (???) wrote:

Mr. Ng,

I just remember that i have problem to test the hyper terminal on VM2012. Hyper terminal not responding to keystroke in VM2012.

So now i'm stuck with hyper terminal. The modem is appeared in VM2012 using USB but cannot do "AT-OK" test.

Thanks.

On 2020-05-04 10:44 AM, Kong Leng wrote:

T, I did not receive any update, did you send?

On 2020-04-24 6:35 PM, Tau q (???) wrote:

Mr. Ng,

I think i have found a way to enable the USB in VM.

⊿ 🚔 WS2012	
Batteries	
Is Computer	
Disk drives	
Display adapters	Connect To ? X
DVD/CD-ROM drives	
Human Interface Devices	
IDE ATA/ATAPI controllers	MOBITEK
Keyboards	Enter details for the phone number that you want to dial:
Mice and other pointing devices	
Monitors	Country/region: Malaysia (60) 🗸
Network adapters	Enter the area code without the long-distance prefix.
Other devices	
5L8082	Area code: 40150
a 🚏 Ports (COM & LPT)	Phone number
Sierra Wireless AT Command Port (UMTS) (COM5)	
Sierra Wireless CNS Port (UMTS) (COM3)	Connect using: COM3 V
Sierra Wireless DM Port (UMTS) (COM4)	COM3
Sierra Wireless NMEA Port (UMTS) (COM6)	COM4 COM5
Print queues	CONC
Processors	Detect Carriel TCP/IP (Winsock) Use country/region code and area code
Sound, video and game controllers	Redial on busy
Storage controllers	
Isstem devices	OK Cancel
Universal Serial Bus controllers	

I will give you the update later. Need to prepare for break fast

Thanks.

On 2020-04-22 11:42 AM, Kong Leng wrote:

Т,

- 1. I did a quick research, so far I do no think a COM port can be created in VM.
- 2. Please do a research on your side to con rm. Spend about 4 hours to 8 hours (maximum).
- 3. If no solution, then follow guide in https://mobitek-system.com/blog/2018/09/usb-driver-of-mobitek-s80-sms-modem-does-not-work-in-virtualbox/ to map USB port (host) to serial port (guest / VM) and do "AT-OK" test.
- 4. If test is passed, then update "PROBLEM-SOLUTION" table and close this action.

Thanks.

On 2020-04-21 6:18 PM, Tau q (???) wrote:

Mr. Ng,

The update for this action:

PROBLEM	SOLUTION	SOLVED?	REMARI
JSB driver of	Upgrade VirtualBox from v. 5.1 to 6.1	NO	
580 may not			
work in	Download installer from		
/irtualBox	P:\Installer\02-Software Development Tools\VirtualBox (Virtualisation)\VirtualBox-6.1.4-136177-Win.exe		
nttps://mobitek			
system.com	Note:		
/blog/2018			
09/usb-driver-	1. Create a system restore in your MSI before you upgrade. In case v. 6.1 has problem, you can restore		
of-mobitek-	your system back to v. 5.1		
80-sms-			
<u>nodem-</u>			
does-not-			
<u>vork-in-</u>			
<u>virtualbox/</u>			
	The basic VM only has USB 1.0 so i have to download the extension park for the current VM installed in my machine	NO	



a.

-	Connect To ? MOBITEK Enter details for the host that you want to call: Host address:	<u> </u>
	Port number: 23 Cognect using: TCP/IP (Winsock) v TCP/IP (Winsock)	
	OK Cancel	
Disconnected	Ito detect Auto detect SCROLL CAPS NUM Capture Print echo	~

Thanks.

On 2020-04-20 5:43 PM, Kong Leng wrote:

Т,

- 1. Do this action after you have completed these:
 - o Action>> A20-T-17-SMSEEE v. 8.3 >> Initial Set-Up / work from home
 - O Action>> A20-T-17-SMSEEE v. 8.3 >> Revise the Test Method / work from home
- 2. Create a system restore in your MSI before you upgrade. In case v. 6.1 has problem, you can restore your system back to v. 5.1
- 3. Answer these questions:-
 - 1. Is there a "Sierra Wireless AT Command Port ..." appear in VM?
- Unknown device
 Ports (COM & LPT)
 Siera Wireless AT Command Port (UMTS) (COM29)
 Siera Wireless CNS Port (UMTS) (COM28)

 - Sierra Wireless DM Port (UMTS) (COM4)
 Sierra Wireless NMEA Port (UMTS) (COM27)

2. Do a quick test in VM, using hyper terminal and "AT-OK" test. Give s.c.

4. If "AT-OK" test is successful, please do a step-by-step guide on how to set up in VM by adding a new blog post, title = How to Set-Up MOBITEK S80 3G Modem in VirtualBox

• reply with link for me to review

PROBLEM	SOLUTION	SOLVED?	REMAR
USB driver of S80 may not work in VirtualBox	Upgrade VirtualBox from v. 5.1 to 6.1		
	Download installer from		
https://mobitek-system.com/blog/2018	P:\Installer\02-Software Development		
/09/usb-driver-of-mobitek-s80-sms-	Tools\VirtualBox (Virtualisation)\ <u>VirtualBox-</u>		
modem-does-not-work-in-virtualbox/	6.1.4-136177-Win.exe		
	Note:		
	 <u>Create a system restore in your MSI</u> before you upgrade. In case v. 6.1 has problem, you can 		
	restore your system back to v. 5.1		
	(Tau q, continue to look for other solutions)		

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Thanks.