11- Startup the VM automatically with the OS of the host machine

In order to make the virtual machine works automatically while the initial starting of the OS of the host machine, follow the instructions below:

First, go to the main folder of the VM as it is already installed in the host machine , then copy the full path of the VM directory.



Then, make sure that the file (vmrun.exe) is available there.

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	Name	Date modified	Type	Size	
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📙 cloud computing	vmnetuserif.cat	۱:۱۰ ص ۲۰۲۲/۱۱/٦	Security Catalog	11 KB	
👃 Downloads	vmnetUserif.sys	۱:۱۰ ص ۲۰۲۲/۱۱/۱۲ T	System file	44 KB	
face recognition using con algorithm	vmPerfmon.dll	۳+۱:+ ص ۲۰۲۲/۱۱/۱٦	Application exten	490 KB	
	🔟 vmPerfmon.h	۵۰۰۳ می ۲۰۲۲/۱۱/۱۲	C/C++ Header	1 KB	
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🔷 OneDrive	😋 vmplayer.exe	ino = no	Application	1,800 KB	
This BC	vmrest.exe	۱:۲۰ ص ۲۰۲۲/۱۱/۱۲	Application	6,327 KB	
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🔰 3D Objects	vmss2core.exe	۲۱:۲۰ ص ۲۱/۱۱/٦۲∙۲	Application	784 KB	
E Desktop	📓 vm-support.vbs	∙i:۱۰ ص ۲۰/۱۱/۱٦ T•T	VBScript Script File	38 KB	
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🖶 Downloads	🕒 vmware.exe	۲۱:۱۱ ص ۲۰۲/۱۱/۱۲ T∙T	Application	2,244 KB	
h Music	vmware-authd.exe	٤=:(= ص ٢٠٢٦/١١/٦	Application	88 KB	
E Dictures	vmware-autostart.exe	۲۱:۲۱ ص ۲۰۲۲/۱۱/٦	Application	74 KB	
	vmwarebase.dll	٤=:١= ص ٢٠٢/١١/٦	Application exten	6,794 KB	
a videos	🗟 vmwarecui.dll	•۱:۱• ص ۲۰۲۲/۱۱/۱٦	Application exten	13,323 KB	
Acer (C:)	😅 vmware-kvm.exe	o::i• ص ٢٠٢/١١/٦٦	Application	689 KB	
🕳 Local Disk (D:)	vmware-remotemks.exe	o::۱۰ ص ۲۰۲۲/۱۱/۱٦	Application	4,052 KB	
👝 New Volume (E:)	vmwarestring.dll	∙ا:ا∙ ص ٦٦/١١/١٦	Application exten	68 KB	
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	📧 vmware-vdiskmanager.exe	۲۱:۲۰ ص ۲۱/۱۱/۱۲	Application	1,641 KB	
	vmwarewui.dll	∙ا:ا∙ ص ٦٦/١١/١٦	Application exten	5,746 KB	
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	🗟 vnetlib.dll	۲×۱۲۱ ص ۲۰۱۲/۱۱/۱۲	Application exten	1,078 KB	
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	🚳 vnetlib64.dll	T+TT/N/∩٦ ص T+TT/N/	Application exten	1,290 KB	

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	🖻 vmPerfmon.h	۳+:(+ ص ۲۱/۱۱/۱٦	C/C++ Header	1 KB		
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	📧 vmrest.exe	۱:۲۰ ص ۱:۲۵ ۲۰۲۲	Application	6,327 KB		
This PC	📧 vmrun.exe	oi:i• ص ٢٠٢٢/١١/١٦	Application	506 KB		
🧊 3D Objects	📧 vmss2core.exe	۲۱:۲۱ ص ۲۱:۲۱ T-۳۲	Application	784 KB		
E Desktop	🖉 vm-support.vbs	•i:i• ص ٦/١١/٦٦-٢	VBScript Script File	38 KB		
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	📧 vmware-autostart.exe	٦::٦٠ ص ٦:/١١/٦	Application	74 KB		
Pictures	🗟 vmwarebase.dll	٤-:(• ص ٦٦/١١/١٦	Application exten	6,794 KB		
🚪 Videos	🗟 vmwarecui.dll	•i:i• ص ٦/١١/١٦ T•٦	Application exten	13,323 KB		
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	📧 vmware-vdiskmanager.exe	۲۱:۱۲ ص ۲۰۲۲/۱۱/۱۲	Application	1,641 KB		
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	🗟 vnetlib.dll	۲۰۱۱ ص ۲۰۲۲/۱۱/۱	Application exten	1,078 KB		
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	🗟 vnetlib64.dll	۲۰۱۲ ص ۲۰۲۲/۱۱/۱۲	Application exten	1,290 KB		

Then, copy the full path of the VM on the host machine.

Make a .txt file on the desktop of the host machine. Then, paste the full path of the VM.



Then, save the .txt file as .cmd file. By using Run screen, write the instruction :

shell:startup



Then, take the path.cmd file and put it inside the startup folder.

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Then, restart your host machine, you will see the VM will be launched automatically after loading the OS.

12- Making backup of the existing VM by using Snapshoot

In order to make a backup of an existing VM. The VM should be powered off first. Then, right click on the VM. Choose the **Snapshot** task and Take a **Snapshot**.



After that, choose a name of the backup copy of the VM and click on Take Snapshot.

Mach1	- Take Snapshot X
()	Taking a snapshot lets you preserve the state of the virtual machine so that you can return to the same state later.
Name:	Snapshot 3
Descript	ion:
	Take Snapshot Cancel

13- Using the Control instructions of the VM,(pause, unpause and Suspend)

1- Pause command: this command will pause the VM for a while.





2- unpause: this command will unpause the VM.