TTT and WMWARE

In this documents we describe how we use the software wmware in order to run the TTT software.

If you don't have wmare please go to the web site http://www.vmware.com/

With wmware you can install virtual machines that are indipendent from the other virtual systems, but they share the same resources of the host pc.



The virtual machine is a folder with some files:

Includi r	nella raccolta 👻 Condividi con 👻	Maste za Nuova cartella			•	1
Preferiti	Nome	Unima modifica	Тіро	Dimensione		
Nesktop	Applications	28/01/2014 19:45	Cartella di file			
\rm Download	appListCache	28/01/2014 19:45	Cartella di file			
💔 Dropbox	caches	30/01/2014 09:07	Cartella di file			
📃 Risorse recenti	WindowsXpSp3.vmx.lck	31/01/2014 07:17	Cartella di file			
ownCloud	🚔 Disco virtuale.vmdk	30/01/2014 09:55	Mware virtual dis	1 KB		
	🚔 Disco virtuale-s001.vmdk	30/01/2014 10:16	VMware virtual dis	1.781.440 KB		
Raccolte	🚔 Disco virtuale-s002.vmdk	30/01/2014 10:16	VMware virtual dis	574.656 KB		
Documenti	🚔 Disco virtuale-s003.vmdk	30/01/2014 10:16	VMware virtual dis	1.059.520 KB		
📔 Immagini	🚔 Disco virtuale-s004.vmdk	30/01/2014 10:16	VMware virtual dis	320 KB		
J Musica	🚔 Disco virtuale-s005.vmdk	30/01/2014 10:16	VMware virtual dis	384 KB		
📑 Video	🚔 Disco virtuale-s006.vmdk	30/01/2014 10:16	VMware virtual dis	64 KB		
	🛃 startMenu.plist	29/01/2014 05:43	QuickTime Prefer	441 KB		
💂 Computer	vmware.log	30/01/2014 10:16	Documento di testo	185 KB		
🏭 OS (C:)	vmware-0.log	30/01/2014 09:17	Documento di testo	178 KB		
B HP_RECOVERY (D:)	vmware-1.log	30/01/2014 09:01	Documento di testo	53 KB		
💼 SYSTEM (F:)	vmware-2.log	30/01/2014 07:57	Documento di testo	57 KB		
🛸 LACIE SHARE (H:)	vprintproxy.log	30/01/2014 10:16	Documento di testo	7 KB		
🌤 LaCie (I:)	WindowsXpSp3.nvram	30/01/2014 10:16	VMware virtual m	9 KB		
	WindowsXpSp3.plist	29/01/2014 05:43	QuickTime Prefer	1 KB		
📮 Rete	WindowsXpSp3.vmsd	28/01/2014 19:14	VMware snapshot	0 KB		
	🚰 WindowsXpSp3.vmx	30/01/2014 10:16	VMware virtual m	3 KB		
	📄 WindowsXpSp3.vmxf	28/01/2014 19:44	VMware Team Me	4 KB		

If you don't have a virtual machine you have to create it :



New Virtual Machine Wizard
Guest Operating System Installation A virtual machine is like a physical computer; it needs an operating system. How will you install the guest operating system?
Install from:
◎ Installer disc:
Unità DVD RW (E:)
Installer disc image file (iso):
C:\Users\mgreco.LUISSNT\Desktop\Windows XP Profe 🔻 Browse
 Windows XP Professional detected.
This operating system will use Easy Install. (What's this?)
This operating system will use Easy Install. (What's this?) I will install the operating system later.
This operating system will use Easy Install. (What's this?) I will install the operating system later. The virtual machine will be created with a blank hard disk.

New Virtual Ma	chine Wizard			×
Easy Instal This is u	ll Information sed to install Window	ws XP Professiona	ı.	
Windows produc	ct key			
	-		-	
Personalize Win	dows			
Full name:	mgreco			
Password:				(optional)
Confirm:				
Log on au	tomatically (requires	a password)		
Help		< Back	Next >	Cancel

New Virtual Machine Wizard
Name the Virtual Machine What name would you like to use for this virtual machine Nome Macchina
Virtual machine name: Virtuale Windows XP Professional
Location:
C:\Users\mgreco.LUISSNT\Documents\Virtual Machines\Window Browse
The default location can be changed at Edit perferences.
Cartella Installazione
< Back Next > Cancel

New Virtual Machine Wizard	
Specify Disk Capacity How large do you want this disk to be?	
The virtual machine's hard disk is stored as one or more files on the host computer's physical disk. These file(s) start small and become larger as you add applications, files, and data to your virtual machine.	
Maximum disk size (GB): 40.0 🚔	
Recommended size for Windows XP Professional, 40 GB	
© Store virtual disk as a single file dimensione disco	
Split virtual disk into multiple files virtuale	
Splitting the disk makes it easier to move the virtual machine to another computer but may reduce performance with very large disks.	
	_
Help < Back Next > Cancel	

ne virtual machine v	vill be created with the following settings:	
Name:	Windows XP Professional	*
Location:	C: \Users \mgreco.LUISSNT \Documents \Virtual Machin	
Version:	Workstation 10.0	
Operating System:	Windows XP Professional	Ξ
Hard Disk:	40 GB, Split	
Memory:	512 MB	
Network Adapter:	NAT	
Other Devices:	CD/DVD, USB Controller, Printer, Sound Card	Ŧ
Customize Hardw	are	

x

Hardware

Device Memory Processors New CD/DVD (Network Adapter Sound Card Printer Display	Summary 512 MB 1 Using file C:\Users\mgreco.LUISS NAT Present Auto detect Present Auto detect	Memory Specify the a machine. The Memory for t 64 GB - 32 GB - 16 GB - 8 GB - 4 GB - 2 GB - 1 GB - 512 MB - 256 MB - 128 MB - 64 MB - 32 MB - 16 MB - 8 MB - 4 MB -	amount of memory allocated to this virtual e memory size must be a multiple of 4 MB. this virtual machine: 512 MB Maximum recommended memory (Memory swapping may occur beyond this size.) 3952 MB Recommended memory 512 MB Guest OS recommended minimum 128 MB
	Add Remove		



Virtual Machine Settings		
Hardware Options		
Device	Summary 512 MB 1 10 GB Using drive cdrom0 NAT Present Auto detect Present Auto detect Modetect Auto detect	Memory Specify the amount of memory allocated to this virtual machine. The memory size must be a multiple of 4 MB. Memory for this virtual machine: 512 mm/s/ 64 GB - 32 GB - 16 GB - 8 GB - 4 GB - 2 GB - 1 28 MB - 1 28 M
		OK Cancel Help

Here you can set the parameters of the virtual machine.

If you select "Network Adapter" you have more possibilities:

Hardware Options	
Device Summary Device Summary Processors 1 Hard Disk (IDE) Joing drive cdrom0 COD/DVD (IDE) Dising drive cdrom0 Network Adapter NAT Sound Card Auto detect Printer Present Display Auto detect Display Auto detect Add Remove	
OK Cancel Hel	•

with "Bridged" you have:



with NAT you have:



If you select "Custom : Specific virtual network":

Virtual Machine Settings		
Hardware Options		
Hardware Options	Summary 512 MB 1 10 GB Using drive cdrom0 Custom (VMnet2) Present Auto detect Present Auto detect	Device status Image: Connected Image: Connect at power on Network connection Bridged: Connected directly to the physical network Replicate physical network connection state NAT: Used to share the host's IP address Host-only: A private network shared with the host Custom: Specific virtual network Image: VMnet2 VMnet1 (Host-only) VMnet2 VMnet3 VMnet4 VMnet5 VMnet9 VMnet10 VMnet11 VMnet12 VMnet13 VMnet14 VMnet15 VMnet16 VMnet113 VMnet12 VMnet13 VMnet14 VMnet15 VMnet16 VMnet17
	Add Remove	VMnet19
		OK Cancel Help

Device	Summary	Device status
Memory Processors Hard Disk (IDE) CD/DVD (IDE) Network Adapter	512 MB 1 10 GB Using drive cdrom0 Custom (VMnet2)	Connected Connect at power on Network connection Bridged: connected directly to the physical network
Sound Card Printer Display	Auto detect Present Auto detect	Arcparate private network COTIECtion State NAT: Used to share the host's IP address Host-only: A private network shared with the host Custom: Specific virtual network Whet2 LAN segment: LAN segments Advanced
	Add Remove	



If we unplug the network connection from the host machine (in our case 192.168.0.2), the virtual machine network adapter still works.

In our case we configure 3 virtual machine with these ip addresses:

Virtual Machine 1 : 192.168.0.1

Virtual Machine 2 : 192.168.0.2

Virtual Machine 3 : 192.168.0.3



☐ Mostra un'icona sull'area di notifica quando connesso ▼ Notifica in caso di connettività limitata o assente

ΟK

Annulla

上 Proprietà - Connessione alla rete locale (LAN)	? ×	
Generale Avanzate		
Connetti tramite:	Proprietà - Protocollo Internet (TCP/IP)	'×
Wware Accelerated AMD PCNet Ad Configura	Generale	_,
La connessione utilizza i componenti seguenti: Image: Second se	È possibile ottenere l'assegnazione automatica delle impostazioni IP se la rete supporta tale caratteristica. In caso contrario, sarà necessario richiedere all'amministratore di rete le impostazioni IP corrette.	
✓ ↓ Utilità di pianificazione pacchetti QoS	C Ottieni automaticamente un indirizzo IP	
Protocollo Internet (TCP/IP)	🕞 🖲 Utilizza il seguente indirizzo IP:	
Installe Diskstelle Description	Indirizzo IP: 192 . 168 . 0 . 3	
	Subnet mask: 255 . 255 . 0	
Descrizione TCP/IP. Protocollo predefinito per le MAN che permette la comunicazione tra diverse reti interconnesse	Gateway predefinito: 192.168.0.1	
	C Ottieni indirizzo server DNS automaticamente	
🔲 Mostra un'icona sull'area di notifica quando connesso	Utilizza i seguenti indirizzi server DNS:	
🔽 Notifica in caso di connettività limitata o assente	Server DNS preferito:	
	Server DNS alternativo:	
	Avanzate	
Altre risorse 🔶		

To start the virtual machine:









When all the virtual machine are running:



Full screen :



For the TTT software we have created 3 virtual machine :

- 1. WindowsXpSp3 (Server)
- 2. WindowsXpSp3 Client1 (Client)
- 3. WindowsXpSp3 Client2 (Client)

In the server we set up the "REREREE.INI" in the folder "TTT" :



We have modified the following parameter:

ShoeFileName=Game422.sho

In the two clients we modified the "HLWS.INI" file :





In this case the server IP is 192.168.0.1 while the client is 192.168.0.3.

You have to copy the file (HLWS.INI) in the folder c:\Windows.