Tworzenie maszyny wirtualnej – VMware Workstation

written by archi | 7 marca 2021

Po instalacji wirtualizera przystępujemy do tworzenia nowej maszyny wirtualnej. W tym celu wybierz opcję "Utwórz nową maszynę wirtualną"



Uruchomiony zostanie kreator – pozwalający na wykonanie niezbędnych czynności do stworzenia środowiska wirtualnego.

W tym przypadku utworzymy maszynę wirtualną przewidzianą pod działanie systemu Linux Ubuntu x64.



W trybie profilowania zaawansowanego utwórz:

- Poziom wirtualizacji na najwyższym z możliwych
- Ustaw opcję, że system i nośnik instalacyjny podasz później
- Wybierz Guest OS na Linux -> Ubuntu 64-bit
- Nazwij ją tak aby była dla ciebie rozpoznawalna
- Ustaw minimalną ilość procesorów do wirtualizacji
- Ustaw pamięć RAM na 1 GB
- Wybierz opcję mostkowania karty sieciowej (bridged)
- Wybierz opcję LSI Logic lub podobny rekomendowany przez producenta
- Ustaw typ dysku na SCSI
- Następnie utwórz nowy dysk o pojemności min. 10GB w trybie pojedynczego pliku w systemie lub podzielonego na mniejsze po ok. 2GB (UWAGA: podział jest ważny jeśli planujesz przenosić dane. Nośniki takie jak PEN Drive najczęściej mają obsługę systemu plików Ext32 który obsługuje pliki do 2GB. Wtedy jest to przydatne. Dla dysków USB z systemem np. NTFS nie ma to znaczenia)

New Virtual Machine Wizard		×	New Virtual Machine V	Vizard		×
Choose the Virtual Machine Hardware Compatibility Which hardware features are needed for this virtual machine?			Choose the Virtual N Which hardware f	Machine Hards Teatures are ne	ware Compatibility eded for this virtual machine?	
Virtual machine hardwar	e compatibility		Virtual machine hardwar	e compatibility		
Hardware	Workstation 16.x	~	Hardware	Workstation	16.x	~
Compatible Compatible products:	Workstation 16.x ESXI 7.0 Workstation 15.x ESXI 6.7		Compatible Compatible products:	ESX Serv	er Limitations:	
Fusion 12.x Workstation 16.x	Workstation 14.x ESXI 6.5 Workstation 12.x Workstation 10.x Workstation 9.x Workstation 8.x Workstation 8.x Workstation 6.5-7.x Workstation 5.x		Fusion 12.x Workstation 16.x	< >	128 GB memory 32 processors 10 network adapters 8 TB disk size 8 GB shared graphics memory	<
Help	< gack Next > C	ancel	Help	4	Back Next > C	ancel

New Virtual Machine Wizard	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?	Select a Guest Operating System Which operating system will be installed on this virtual machine?			
Install from:	Guest operating system			
O Installer disc:	O Microsoft Windows			
🖕 Stacja dysków DVD RW (E:)	Unux VMware ESX			
	Ögther			
	Version			
Installer disc image file (iso):	Ubuntu 64-bit			
C:\Users\Greg\Desktop\ubuntu-20.04.1-live-server-al > Browse				
I will install the operating system later. The virtual machine will be created with a blank hard disk.				
Help < gack Next > Cancel	Help < gack Next > Cancel			
New Virtual Machine Wizard	New Virtual Machine Wizard			
Name the Virtual Machine	Processor Configuration			
What name would you like to use for this virtual machine?	Specify the number of processors for this virtual machine.			
	Processors			
Virtual machine name:	Number of processors: 1 V			
nojo mastrini	Number of gores per processor: 1			
Location:	Total processor cores: 1			
C:\Users\Greg\Documents\Virtual Machines\Moja-maszyna Bgowse				
< gack Next > Cancel	Help < <u>B</u> ack <u>Next</u> > Cancel			
New Virtual Machine Wizard X	New Virtual Machine Wizard			
Memory for the Virtual Machine	Network Type			
How much memory would you like to use for this virtual machine?	What type of network do you want to add?			
Provide the annual of many all and the third state of marking. The many	Notes and the second seco			
size must be a multiple of 4 MB.	Ites bridged asturating			
128 GB - Memory for this virtual machine: 1024 🌩 MB	Give the guest operating system direct access to an external Ethernet			
64 GB - 32 GB - 4	network. The guest must have its own IP address on the external network.			
16 GB - 8 GB - Maximum recommended memory:	Ouse ngtwork address translation (NAT) Give the quest operating system access to the host computer's dial-up or			
4 68 4 24.5 GB	external Ethernet network connection using the host's IP address.			
1 GB Recommended memory:	O Use host-only networking Connect the quest operating system to a private virtual setwork on the best			
256 MB 128 MB	computer.			
64 MB Guest OS recommended minimum: 32 MB 2 G8	O Do not use a network connection			
16 MB - 8 MB -				
4 MB -				
Help < Back Next > Cancel	Help < <u>Back</u> <u>Next</u> > Cancel			

New Virtual Machine Wizard X	New Virtual Machine Wizard				
Select I/O Controller Types Which SCSI controller type would you like to use for SCSI virtual disks?	Select a Disk Type What kind of disk do you want to create?				
1/0 controller types	Virtual disk type				
SCSI Controller:	⊃ati				
BusLogic (Not available for 64-bit guests)	€_SCSI (Recommended)				
LSI Logic (Recommended)	OSATA				
O LSI Logic SAS	ON⊻Me				
O Paravirtualized SCSI					
Help < <u>Back</u> <u>Next</u> > Cancel	Help < <u>Back</u> <u>Next</u> > Cancel				
New Virtual Machine Wizard	New Virtual Machine Wizard				
Select a Disk	Specify Disk Capacity				
Which disk do you want to use?	How large do you want this disk to be?				
Disk @Country a servicitual disk	Maximum disk gize (GB): 10 +				
A virtual disk is composed of one or more files on the host file system.	Recommended size for Ubuntu 64-bit: 20 GB				
which will appear as a single hard disk to the guest operating system.					
virtual disks can easily be copied or moved on the same host or between hosts.	Allocate all disk space now.				
Ouse an existing virtual disk	Allocating the full capacity can enhance performance but requires all of the physical disk space to be available right now. If you do not allocate all the				
Choose this option to reuse a previously configured disk.	space now, the virtual disk starts small and grows as you add data to it.				
Ouse a physical disk (for advanced users)					
Choose this option to give the virtual machine direct access to a local hard	Store virtual disk as a single file				
disk. Requires administrator privileges.	Split virtual disk into multiple files				
	computer but may reduce performance with very large disks.				
Help < <u>Back</u> <u>Next</u> > Cancel	Help < gack Next > Cancel				
New Virtual Machine Wizard	New Virtual Machine Wizard				
Conceller Dick Elle	Ready to Graphs Middle Handler				
Where would you like to store the disk file?	Click Finish to create the virtual machine. Then you can install Ubuntu				
	64-bit.				
Disk <u>fi</u> le	The virtual machine will be created with the following settings:				
One 10 GB disk file will be created using this file name.	Name: Moja-maszyna				
Moja-maszyna.vmdk Browse	Location: C:\Users\Greg\Documents\Virtual Machines\Moja-masz Version: Workstation 16 v				
	Operating System: Ubuntu 64-bit				
	Hard Disk: 10 GB Memory: 512 MB				
	Network Adapter: Bridged (Automatic)				
	Other Devices: CD/DVD, USB Controller, Printer, Sound Card				
	Output to Markage				
	Zestolinize Halloware				
Help < <u>Back</u> Next > Cancel	< gack Finish Cancel				

Po wykonaniu wszystkich ustawień przejdź do ustawień maszyny wirtualnej



Wskaż dysk uruchomieniowy (boot device) – iso systemy Ubuntu x64 20.04. Obraz możesz pobrać ze strony https://ubuntu.com/download/server/

Po zakończeniu profilowania możesz przejść do uruchomienia systemu w maszynie wirtualnej.