

Skonvertovanú zálohu Windows 7 x32 spustíme pomocou produktu Virutal PC. Vo Virtual PC vytvoríme novú virtuálnu mašinu s preddefinovanými parametrami a ako zdrojový disk použijeme našu skonvertovanú zálohu vo formáte .vhd.

Prvý krok k vytvoreniu novej VM vo Virtual PC.

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🕞 💽 = 🐌 Milan 🕨	Virtual Machines			✓ 4 Search V	irtual Machines 🛛 🔎
Organize • Include i	n library • Share with •	Burn Create virtu	al machine New folder		1 · 🗋 🔮
☆ Favorites	Name	Machine status	Memory	Primary disk	Comments
Desktop Downloads Recent Places	Nindows XP Mode	Hibernated	512 MB	C:\Users\Milan\AppD	ata\
Cibraries Documents Music Pictures Uideos					
🍓 Computer					
🔹 Network					
	•	111			,
1 item					

Obrázek: Vytvorenie VM vo Virtual PC

Následne zadáme názov a miesto pre uloženie VM.



(https://www.customermonitor.cz)	

📑 Create a vii	rtual machine
pecify a na	me and location for this virtual machine
Name:	Win7_restore_from_TBI
You can choose name of the vir	a name that helps you identify the virtual machine. For example, you can use the tual operating system.
Location:	D:\Virtual_PC Browse
Select a location	n to store the virtual machine file.

Obrázek: Zadanie názvu a lokality pre uloženie VM

VM pridelíme operačnú pamäť a nastavíme pripojenie do siete.



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(https://www.customermonitor	.cz)

💐 Create a virtu	ual machine
Specify memo	ory and networking options
RAM:	2048 MB
You can specify a of the operating	n amount from 4 MB through 3 712 MB. Specify the memory as per the requirements system you plan to install on the virtual machine.
Networking	
✓ Use computer	network connections
You can use this keep the virtual m	option to connect the virtual machine to an external network. Clear this checkbox to nachine disconnected from the network.
More about man	aging memory
More about netw	orking and virtual machines
	Next Cancel

Obrázek: Pridelenie operačnej pamäte pre VM a pripojenie VM do siete

V ďalšom kroku použijeme ako zdrojový disk pre VM skonvertovanú zálohu vo formáte .vhd.



🕝 🧔 Create a virtu	al machine	
Add a virtual I	hard disk	
Create a dynami	cally expanding virtual hard disk	
Name:	Win7_restore_from_TBI	
Location:	D:\\Virtual_PC	Browse
Use an existing v	virtual hard disk	
Location:	D:\Virtual_PC\Win_x86_VHD.vhd	Browse
Create a virtual h	hard disk using advanced options	
Enable Undo Dis More about using U	iks Jndo Disks	
		Create Cancel

Obrázek: Použitie skonvertovaného VHD z C-Image zálohy ako primárneho disku

Spustíme VM (pôvodne našu C-Image zálohu) pomocou Virtual PC.



Publikováno z Customer Monitor (https://www.customermonitor.cz)

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#### Obrázek: Spustenie našej VM cez Virtual PC

Po nabootovaní VM, je potrebné opraviť bootovanie pomocou inštalačného média Windows 7. Nabootujeme VM z CD (resp. ho pripojíme do VM ako ISO ako je uvedené nižšie) a zvolíme opravu systému, tak ako je zobrazené na nasledujúcich obrázkoch.



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Obrázek: Bootovanie VM je potrebné opraviť pomocou inštalačného média Windows 7 x32 Vstúpime do nastavení VM.



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Nin7_restore_f	from_TBI - Windows Virtual PC	
Action -	Tools  Ctrl+Alt+Del	0 -
BOOTMGR is #	Enable Integration Features Settings	
	Install Integration Components	

Obrázek: Vstup do nastavení VM vo Virutal PC

Pripojenie ISO image Windows 7 x32 ako emulácia DVD mechaniky.



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Win7_restore_from_TE	I - Windows Virtual PC S	Settings
Setting Name Memory Hard Disk 1 Hard Disk 2 Hard Disk 3 Undo Disks COM1 COM1 COM2 Networking Integration Features Keyboard Logon Credentials Auto Publish Close	Current Value Win7_restore_from_TBI 2 048 MB Win_x86_VHD.vhd None Disabled Win7_PRO_OEM_32bi None None None None Note Not Available Full screen None Not Available Show message	Ove   Open an ISO image   D:\Install Images\Win7_PRO_OEM_32bit_EN.iso   Access a physical drive   E:
		You can use a CD/DVD drive connected to your computer, from the virtual machine. You can also attach an image(.iso) file to a virtual machine as a drive.

Obrázek: Cesta k ISO image Windows 7

Následne po pripojení ISO image Windows 7 x32, reštartujeme VM a vstúpime do Biosu pomocou klávesy DEL, ktorú treba stlačiť ihneď pri spúšťaní VM. Nastavíme VM aby bootovala prioritne z CD.



## Spustenie skonvertovanej C-Image zálohy v MS Virtual F Publikováno z Customer Monitor

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Win7_restore_from_TBI - Window	s Virtual PC		
Action ▼ Tools ▼ Ctrl+A	lt+Del		<b>0</b> -
	BIOS SETUP UTILITY Boot		
Ist Boot Device 2nd Boot Device 3rd Boot Device 4th Boot Device 5th Boot Device	LCDROHI Hard Drive] [Floppy Drive] [PXE UNDI(Bus0 Slot] [PXE UNDI(Bus0 Slot]_	Speci seque avail t→ t↓ +- F1 F10 ESC	ifies the boot ence from the lable devices. Select Screen Select Item Change Option General Help Save and Exit Exit
v02.10 (C)Copyright	: 1985-2001, American Meg	atrend	ls, Inc.

Obrázek: Nastavenie bootovania VM z CDROM

Nabootujeme z DVD stlačením lubovolnej klávesy.



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Obrázek: Stlačením ľubovolnej klávesy spustíme bootovanie z DVD

Presunieme sa do druhého menu stlačením tlačidla Next.



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Nin7_res	Win7_restore_from_TBI - Windows Virtual PC			
Action 🔻	Tools  Ctrl+Alt+Del	<b>@</b> •		
	No. 1997 No.			
	Windows 7			
	VVIII ICIOVVS /			
	Languag <u>e</u> to install: <mark>English</mark>			
	Time and currency format: English (United States)			
	Keyboard or input method: US			
	Enter your language and other preferences and click "Next" to continue.			
	Copyright © 2009 Microsoft Corporation. All rights reserved.	Next		

Obrázek: Po natootovaní z DVD sa posunieme na druhú obrazovku stlačením tlačidla Next

Pre opravu bootovania klikneme na možnosť Repair your computer.



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Obrázek: Zvolíme možnosť Repair your computer

Oprava bootovania nájde chyby k dokončeniu opravy si vyžiada reštart PC. Po tomto kroku ešte stále naša virtuálna mašina nenabootuje, treba ešte raz zopakovať proces opravy bootovania pomocou inštalačného média Windows 7 x32.

Reštart PC, proces opravy bootovania následne zopakujeme ešte raz.



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Obrázek: Oprava spúšťania nájde chyby k dokončeniu orpavy si vyžiada reštart PC

Opätovná oprava bootovania systému z nabootovaného média Windows 7 x32.



Publikováno z Customer Monitor (https://www.customermonitor.cz)



Obrázek: Opätovná oprava bootovania systému z nabootovaného média Windows 7 x32

Klikneme na *Startup Repair* pre spustenie obnovy bootovania.



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Obrázek: Voľba Startup Repair

Proces obnovy opraví nájdené chyby a vyžiada si posledný reštart.



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Win7_restore_from_TBI - Windows Virtual PC	
Action ▼ Tools ▼ Ctrl+Alt+Del	<b>8</b> •
📕 Startup Repair	×
Restart your computer to complete the repairs.	
To restart immediately, dick Finish.	
If repairs were successful, Windows will start correctly.	
If repairs were not successful, Startup Repair might run again to continue fixing your computer.	
	× ·
Click here for diagnostic and repair details	
< Back Finish Cancel	

Obrázek: Startup Repair nájde a opraví problém s bootovaním

Po reštarte naša obnovená C-Image záloha do .vhd úspešne nabootuje.



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Obrázek: Úspešne spustená inštancia Windows 7 x32, obnovená z C-Image zálohy

V tejto časti bolo vysvetlené akým spôsobom je možné skovertovať C-Image zálohu (formát .tbi) Windows 7 x32 do virtuálneho formátu .vhd a následne spustiť tento OS vo virtuálnom prostredí Virtual PC od Microsoftu.





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#### Odkazy

[1] https://www.customermonitor.cz/sites/default/files/image100.png [2] https://www.customermonitor.cz/sites/default/files/image102.png [3] https://www.customermonitor.cz/sites/default/files/image104.png [4] https://www.customermonitor.cz/sites/default/files/image106.png [5] https://www.customermonitor.cz/sites/default/files/image108.png [6] https://www.customermonitor.cz/sites/default/files/image110.png [7] https://www.customermonitor.cz/sites/default/files/image112.png [8] https://www.customermonitor.cz/sites/default/files/image114 0.png [9] https://www.customermonitor.cz/sites/default/files/image116.png [10] https://www.customermonitor.cz/sites/default/files/image118.png [11] https://www.customermonitor.cz/sites/default/files/image120.png [12] https://www.customermonitor.cz/sites/default/files/image122.png [13] https://www.customermonitor.cz/sites/default/files/image124.png [14] https://www.customermonitor.cz/sites/default/files/image126.png [15] https://www.customermonitor.cz/sites/default/files/image128.png [16] https://www.customermonitor.cz/sites/default/files/image130.png [17] https://www.customermonitor.cz/sites/default/files/image132.png