

Pre-requisites:

The MBR disk must have at **most 3-partitions**.

The OS must be **64-bit**.

Bitlocker or encryption must be turned **off**.

There should be an **Operating system on the disk**.

One of the partitions must be **active**(confirm that from disk Management).

No dual boot.

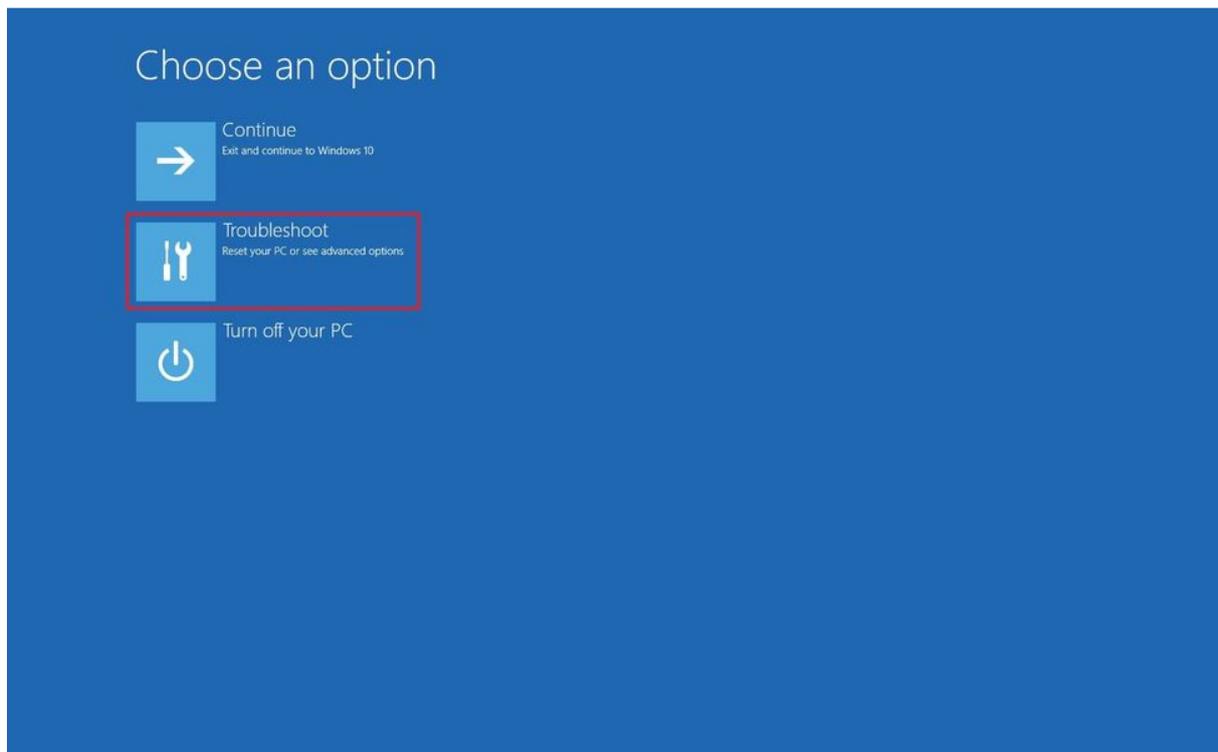
Windows 10 version must be **at least version 1703**.

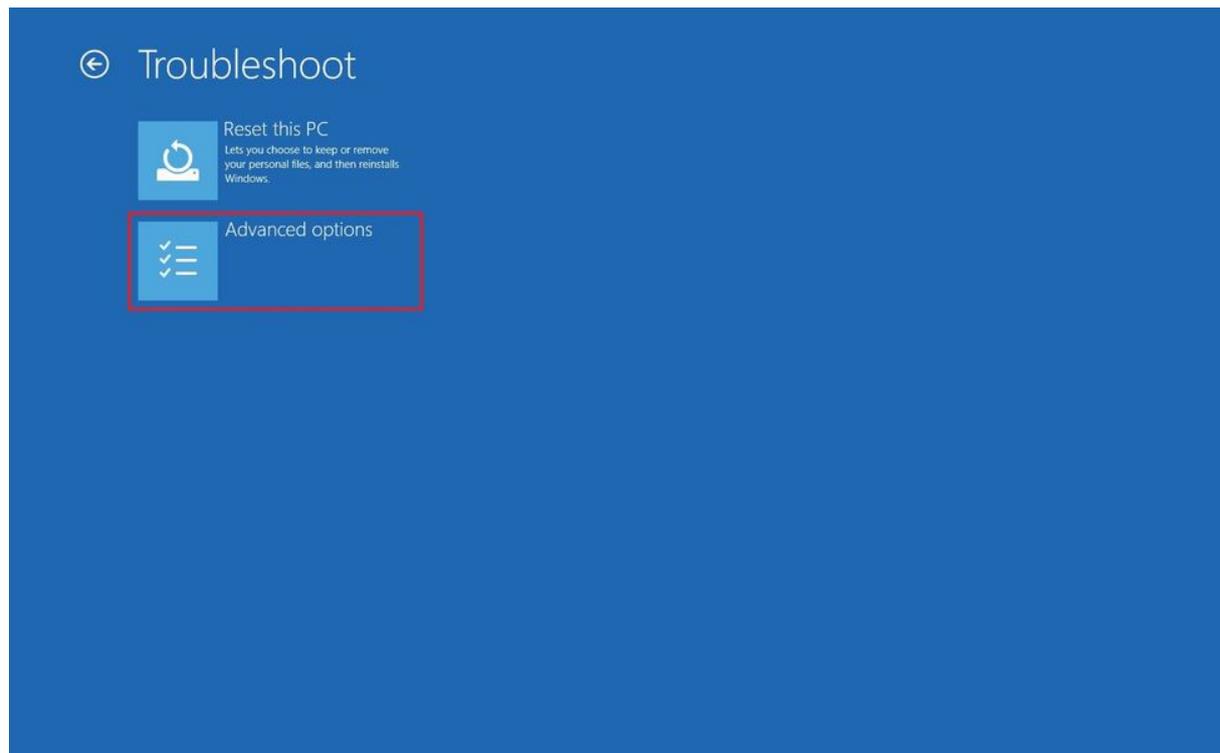
Convert MBR to GPT partition style (offline)

Boot to the Recovery environment

To boot to WinRE, from where Windows can trigger the MBR2GPT tool, please see the steps below:

On the Lock screen, **press and hold the Shift key** while choosing **Restart** from the Power menu. Continue pressing the shift key until you see the Windows Recovery environment, asking you to select an option.





Konverzia

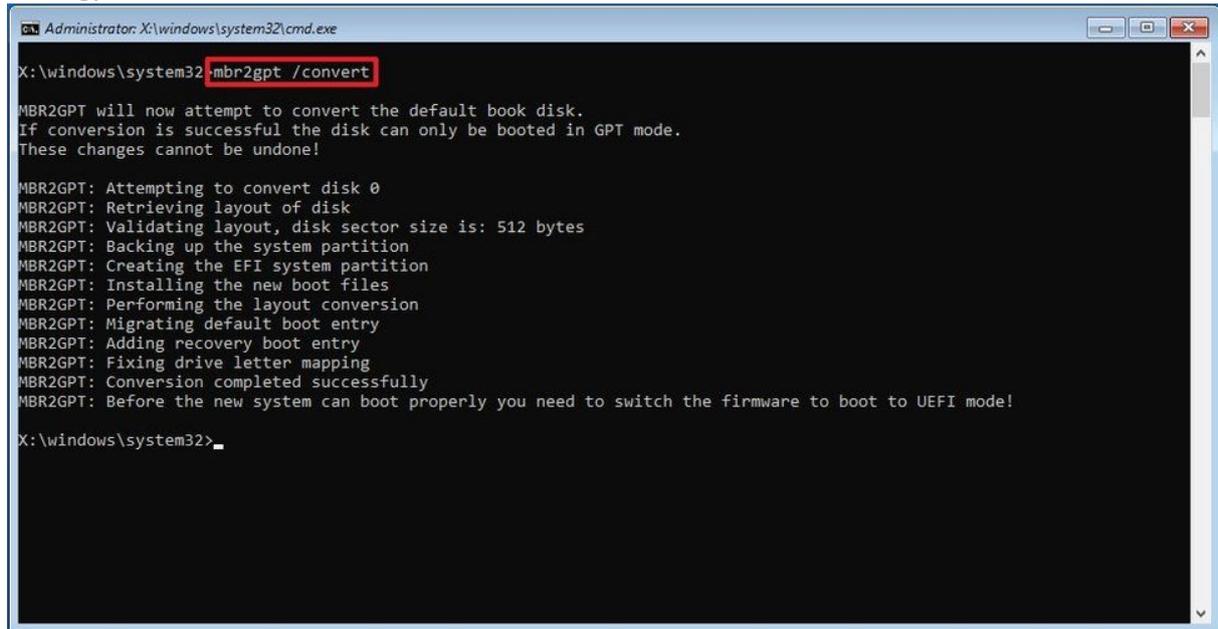
Select your administrator account
Cmd ako správca (adresár System32)
mbr2gpt /validate

```
Administrator: X:\windows\system32\cmd.exe
Microsoft Windows [Version 10.0.17763.1]
(c) 2018 Microsoft Corporation. All rights reserved.

X:\windows\system32>mbr2gpt /validate
MBR2GPT: Attempting to validate disk 0
MBR2GPT: Retrieving layout of disk
MBR2GPT: Validating layout, disk sector size is: 512 bytes
MBR2GPT: Validation completed successfully

X:\windows\system32>_
```

mbr2gpt /convert



```
Administrator: X:\windows\system32\cmd.exe
X:\windows\system32> mbr2gpt /convert

MBR2GPT will now attempt to convert the default boot disk.
If conversion is successful the disk can only be booted in GPT mode.
These changes cannot be undone!

MBR2GPT: Attempting to convert disk 0
MBR2GPT: Retrieving layout of disk
MBR2GPT: Validating layout, disk sector size is: 512 bytes
MBR2GPT: Backing up the system partition
MBR2GPT: Creating the EFI system partition
MBR2GPT: Installing the new boot files
MBR2GPT: Performing the layout conversion
MBR2GPT: Migrating default boot entry
MBR2GPT: Adding recovery boot entry
MBR2GPT: Fixing drive letter mapping
MBR2GPT: Conversion completed successfully
MBR2GPT: Before the new system can boot properly you need to switch the firmware to boot to UEFI mode!

X:\windows\system32>
```

Click the **Close** button.

Click the **Turn off your PC** option / Vypnúť PC.

After you complete the steps, the tool will validate the drive and create an EFI system partition (ESP). The process will also insert the UEFI boot files and GPT components into the partition. The tool will update the Boot Configuration Data (BCD), and the previous drive letter will be added to the drive.

Convert MBR to GPT partition style (online)

Open Start.

Search for **Command Prompt**, right-click the top result, and select the **Run as administrator** option.

```
mbr2gpt /validate /allowFullOS
```

```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.17763.379]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Windows\system32>mbr2gpt /validate /allowFullIOS
MBR2GPT: Attempting to validate disk 0
MBR2GPT: Retrieving layout of disk
MBR2GPT: Validating layout, disk sector size is: 512 bytes
MBR2GPT: Validation completed successfully

C:\Windows\system32>
C:\Windows\system32>
```

mbr2gpt /convert /allowFullIOS

```
Administrator: Command Prompt

C:\Windows\system32>mbr2gpt /convert /allowFullIOS

MBR2GPT will now attempt to convert the default boot disk.
If conversion is successful the disk can only be booted in GPT mode.
These changes cannot be undone!

MBR2GPT: Attempting to convert disk 0
MBR2GPT: Retrieving layout of disk
MBR2GPT: Validating layout, disk sector size is: 512 bytes
MBR2GPT: Trying to shrink the OS partition
MBR2GPT: Creating the EFI system partition
MBR2GPT: Installing the new boot files
MBR2GPT: Performing the layout conversion
MBR2GPT: Migrating default boot entry
MBR2GPT: Adding recovery boot entry
MBR2GPT: Fixing drive letter mapping
MBR2GPT: Conversion completed successfully
MBR2GPT: Before the new system can boot properly you need to switch the firmware to boot to UEFI mode!

C:\Windows\system32>
```

Vypnúť PC.

Zdefinujeme nový virtuál ako pre win11 na Rocky Linux:

Pridáme TPM 2.0

Nastavíme Q35 a UEFI