

Priprema za Windows 11

Secure boot problem

written by js | 2021-09-03

Tema

Provjera prikladnosti računala za prelazak na Windows 11, "Blue Vulva".

Problem

Disk je u MBR načinu → BIOS se ne može prebaciti na UEFI → Secure boot je zvan funkcije = računalo nije spremno za Windows 11.

Rješenje - tl;dr

Prebaci disk u GPT programom %SystemRoot%\System32\MBR2GPT.EXE

Postupak

Radiš na vlastitu odgovornost. Ako ne razumiješ - nemoj raditi. Nema supporta, nema povratka natrag, samo naprijed. Borbaaa!

Korak 1

- Imaj spreman USB štapić s Windowsima da se možeš eventualno spasiti iz eventualne katastrofe
- Bez kvalitetnih i sigurnih (a) system-disk image-backupa i (b) data-backupa ni ne pomišljaj ići dalje
 - Start > "Backup" > Go to Backup and Restore (Windows 7)
 - Po završetku provjeri je li backup ispravan
- Bez backupa trenutnog stanja BIOS-a ni ne pomišljaj ići dalje

Korak 2

- Provjeri oznaku sistemskog diska:
 - powershell -command Get-Disk
 - zapamti <%NumberDiska%>
- Provjeri imaš li %SystemDrive%\Boot i kako izgleda
 - DIR /A %SystemDrive%\B*
 - DIR /A %SystemDrive%\Boot*
 - Ako nemaš ili ne izgleda:
bcdboot C:\Windows /l en-us /s C: /f ALL
- Prebaci disk iz MBR u GPT. Poželjno je to raditi u Safe mode - Command line only.
Ako ne možeš, upotrijebi opciju /allowfullOS gdje je to potrebno (program će upozoriti).
U opciju /disk: stavljamo <%NumberDiska%>
 - mbr2gpt /validate /disk:0
 - mbr2gpt /convert /disk:0
- Nakon toga obavezan reboot
- Obavezno otvori BIOS i prebaci sa Legacy na UEFI

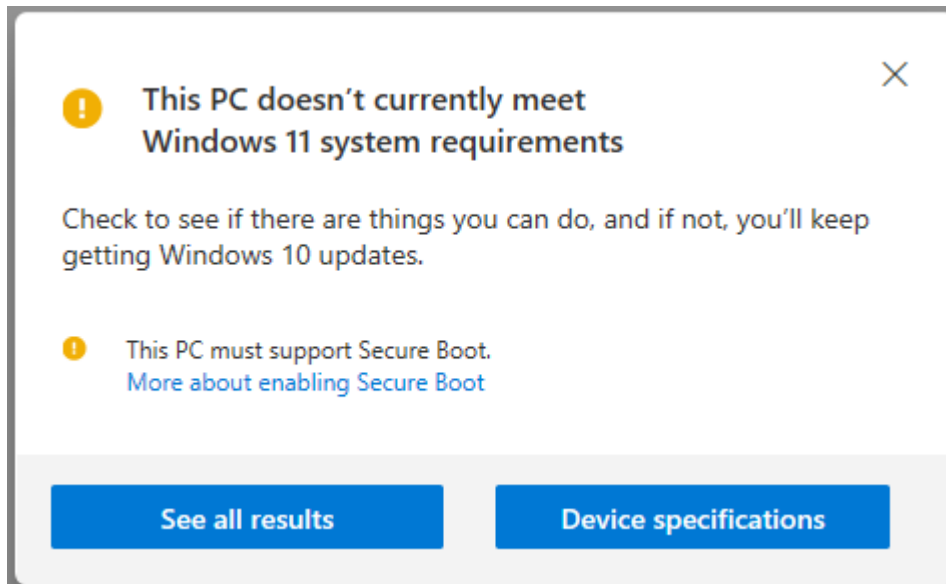
Slike

Powershell - “stil” diska - ovdje su tri diska od kojih jedan treba prebaciti iz MBR u GPT (“Number” tog diska je “0”, to zapamti, taj broj ćeš koristiti za MBR2GPT.exe).

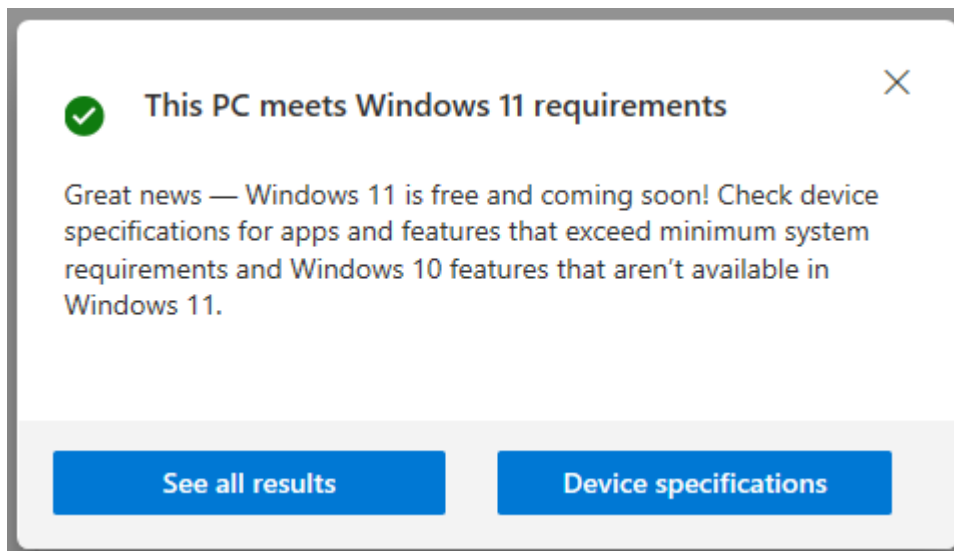
powershell -command Get-Disk:

Number	Friendly Name	Serial Number	HealthStatus	OperationalStatus	Total Size	Partition Style
1	S	B 0	D.	Healthy	Online	GB GPT
2	S	B 0	F.	Healthy	Online	GB GPT
0	T		NS	Healthy	Online	GB MBR

PC Health Check - prije:



PC Health Check - poslije:



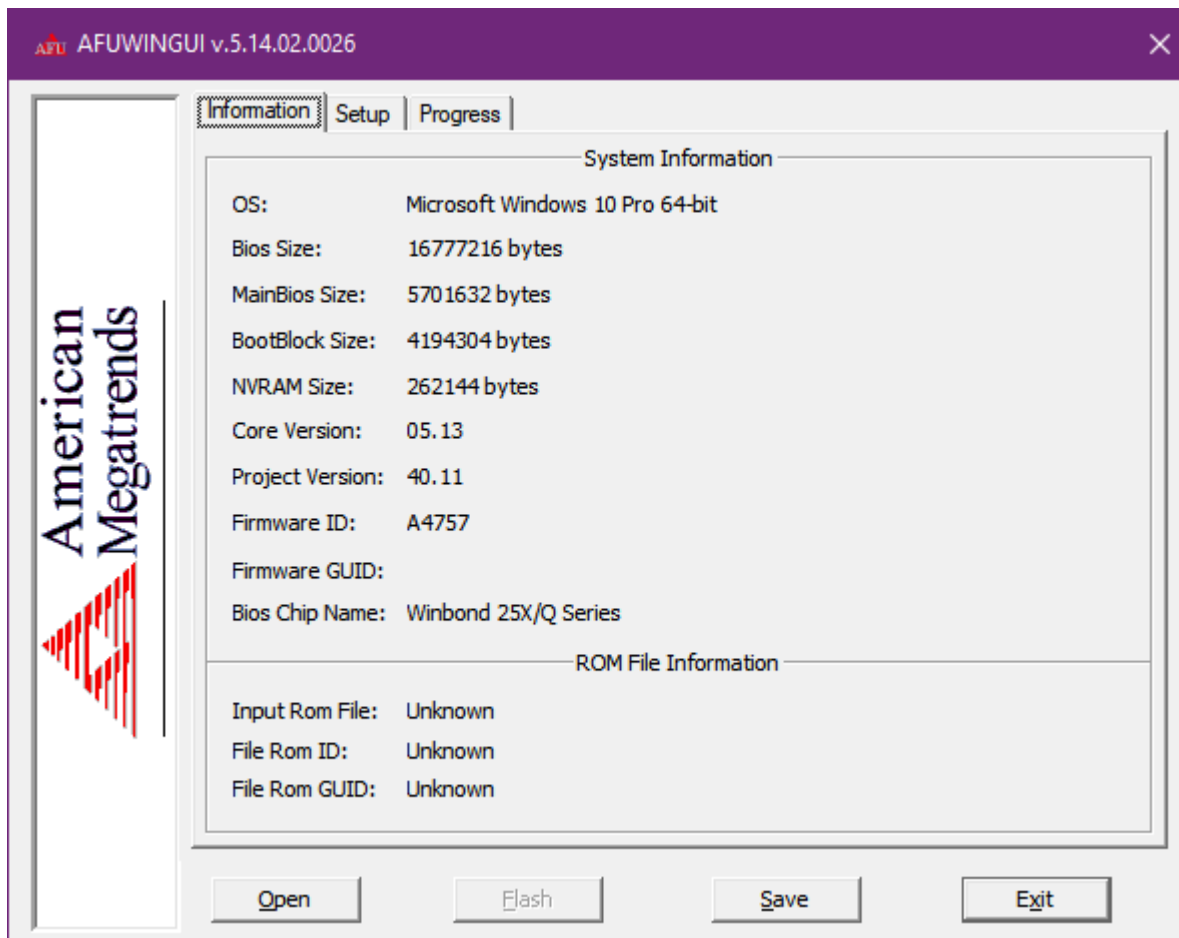
MSInfo32 - prije:

Embedded Controller Version	1.00
BIOS Mode	Legacy
BaseBoard Manufacturer	ASUS
BaseBoard Product	PRIME Z490-A
BaseBoard Version	1.00
Platform Role	Desktop
Secure Boot State	Unsupported
PCR7 Configuration	Enabled

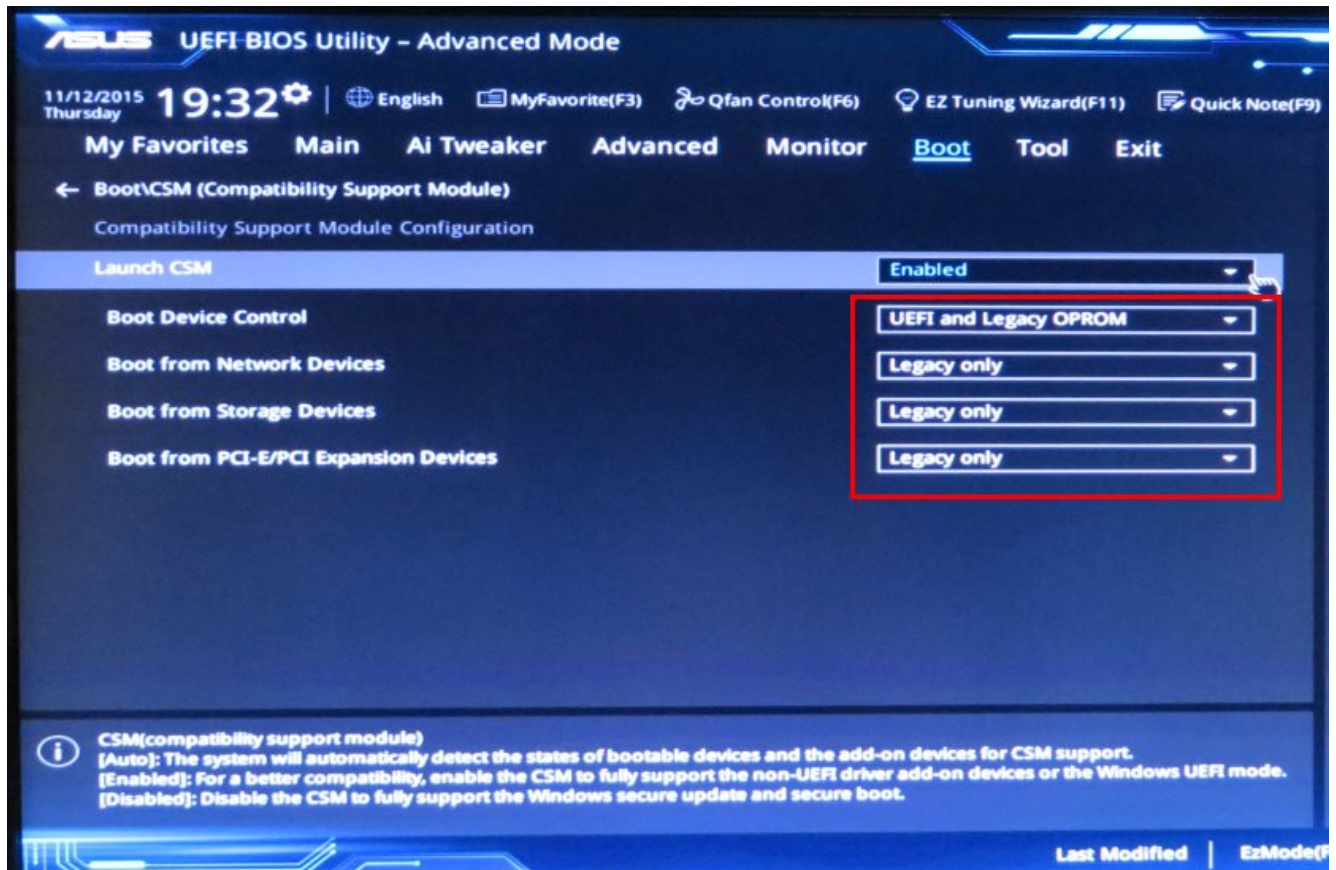
MSInfo32 - poslije:

Embedded Controller Version	00000000
BIOS Mode	UEFI
BaseBoard Manufacturer	DELTA ELECTRONICS INC
BaseBoard Product	DELTA EDC-082
BaseBoard Version	1.000001
Platform Role	Client
Secure Boot State	On

AMI BIOS backup (AFUWINGUI) > “Save” će spremiti trenutni sadržaj BIOS-a u datoteku s nastavkom ROM:



AMI BIOS UEFI <-> Legacy prebacivanje:



(izvor: https://scottiestech.info/wp-content/uploads/2015/11/UEFI_3.jpg)

Razno

- ...
- AMI BIOS UEFI EFI firmware alati za backup BIOS-a:
<https://www.ami.com/products/firmware-tools-and-utilities/bios-uefi-utilities/>
- Download PC Health ckeck:
<https://aka.ms/GetPCHealthCheckInsidersX64>
(možda dostupan samo prijavljenima s Insider računom)
- Window Backup Admin
<https://docs.microsoft.com/en-us/windows-server/administration/windows-commands/wbadmin-start-backup>
- <https://www.diskpart.com/articles/>
- ...

SEO

- This PC doesn't currently meet Windows 11 system requirements Check to see if there are things you can do, and if not, you'll keep getting Windows 10 updates This PC must support Secure Boot More about enabling Secure Boot
- Bios Mode - Legacy Secure Boot State - Unsupported
- AFUWINGUI v.5.14.02.D026 Bios Size MainBios Boot Block NVRAM Core Version Project Version Firmware ID Firmware GUID Bios Chip Name Input Rom File File Rom ID File Rom GUID System Information Microsoft Windows 10 64-bit

Video

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