

Procedure Manual

Veeam hardened repository installation for Adistec Storage Server

Last modification Jun 2026| Rev. 1.0

[Review History](#)

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Alliance Partner:	Adistec Corp.
Alliance Product:	
Program Category:	Veeam Ready Appliance
Category Description:	Servers certified to support the Veeam Software Appliance or Veeam Infrastructure Appliance deployments. Passing all compatibility/functional tests, as well as extensive performance tests for both backup and restore operations.
Article ID:	01062026
Veeam Product(s):	Veeam Backup & Replication 13
Features and Attributes:	Hardened Repository Immutability
Publication date:	02-06-2026
Last modified date:	02-06-2026
Product Details	
Product model name and version:	Data Protection Appliance ALL FLASH M
Product firmware version:	13.0.1.2067, March 10, 2026

Vendor recommended configuration

Readers are strongly encouraged to review the following links to configure the Data Protection Appliance ALL FLASH M in preparation to be a Veeam hardened appliance. In addition to these links, relevant screenshots and steps have also been included in this document.

1. How to perform firmware upgrade

To complete the upgrade for the BIOS, BMC and Motherboard, you can follow the next steps, but choosing at the step 1.x el option corresponding to either BIOS, BMC or Motherboard.

- 1.1 Open the Browser and type the IP address for BMC. And login into the page.

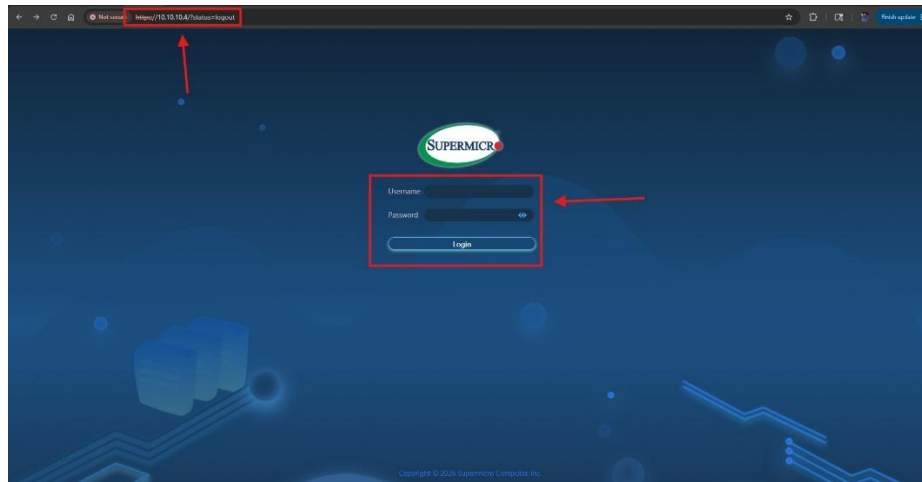


Figure 1

1.2 Once inside the BMC, look at the left menu and search for the option Maintenance.

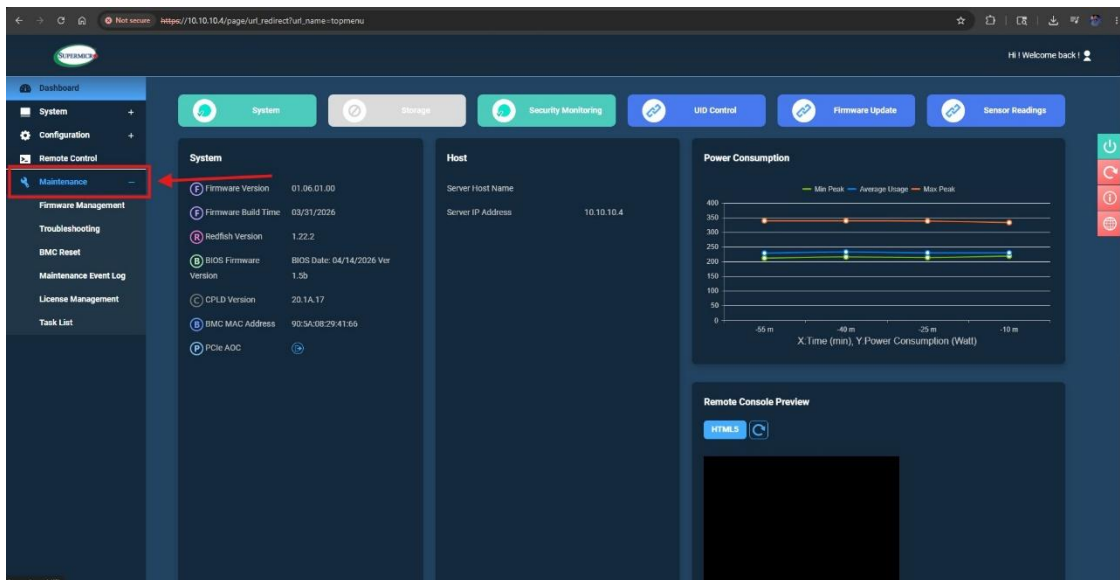


Figure 2

1.3 Now click in the option FIRMWARE MANAGEMENT

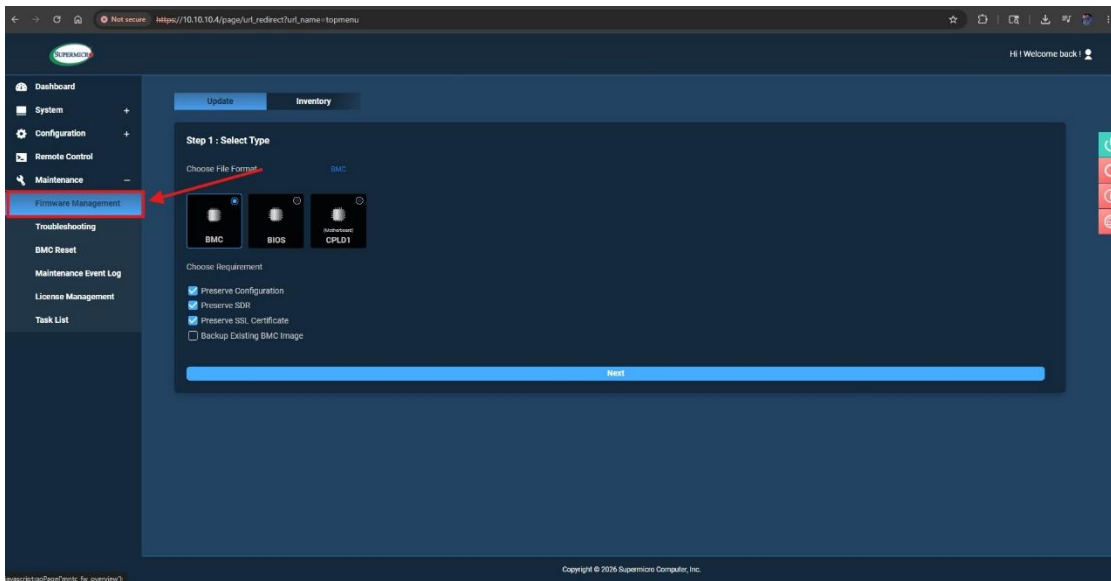


Figure 3

- 1.4 At this point you can select between the options to make the upgrade to the BMC, the BIOS or the Motherboard. , after selecting one click in the NEXT button to continue.

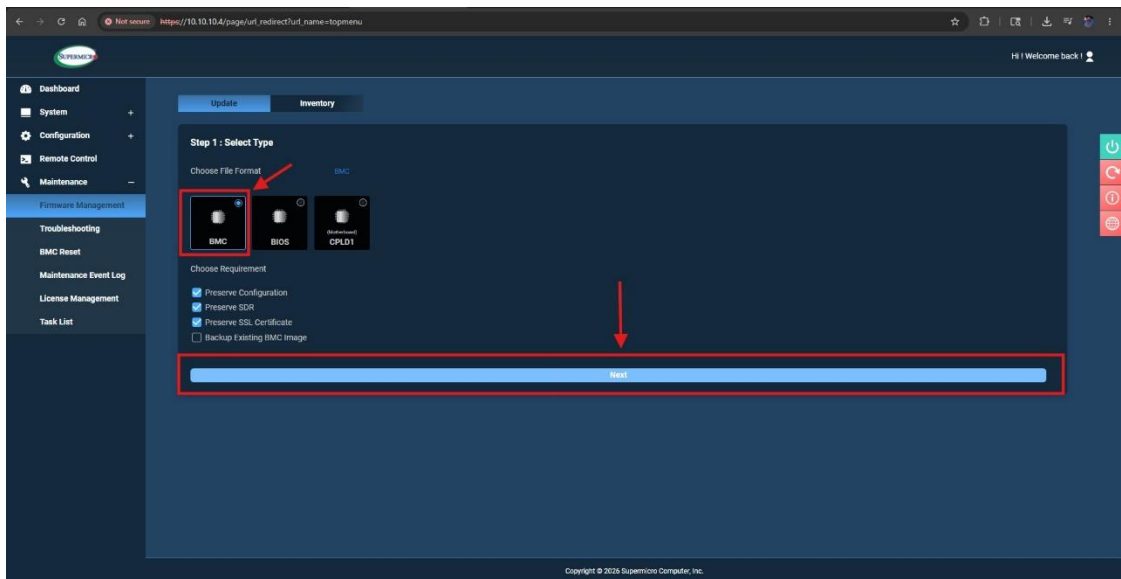


Figure 4

- 1.5 Click in the button to Select the file. This will open the window search where do you downloaded the Bin file for the upgrade.

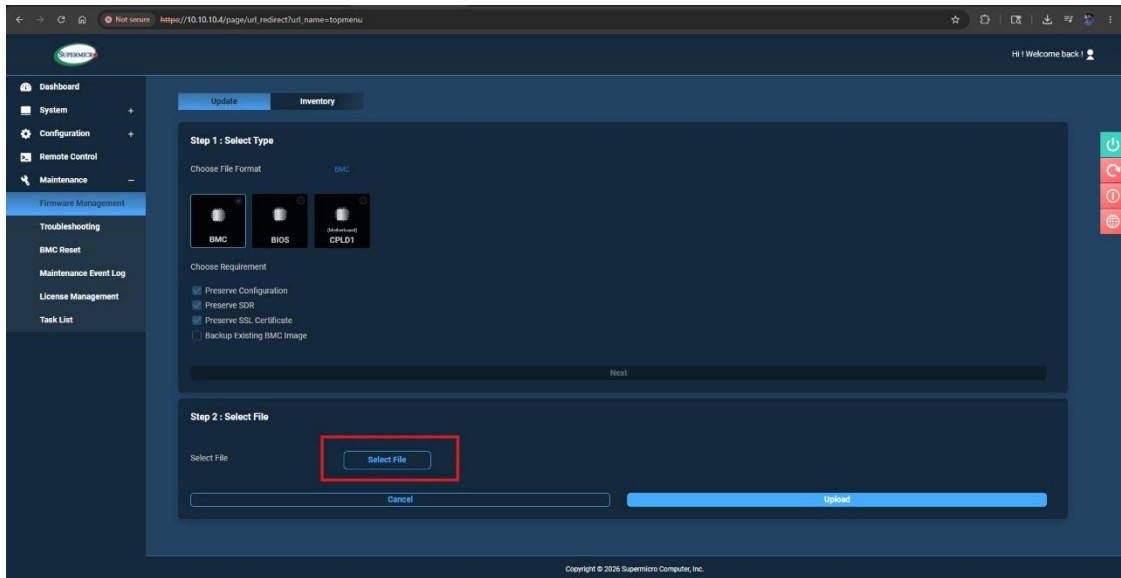


Figure 5

- 1.6 After you see under de SELECT FILE BUTTON the icon with the file. You will click the UPLOAD button.

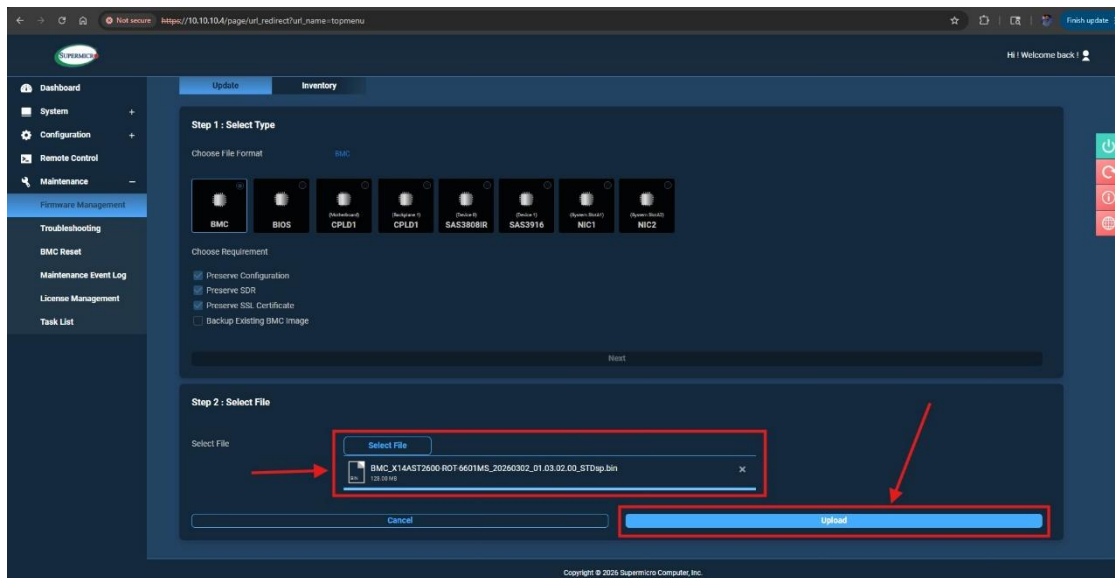


Figure 6

- 1.7 Once you click in the upload the screen will show you with the step3 and the button to UPDATE. Click on it and let the system to intall the upgrade, it will restart when it is done.

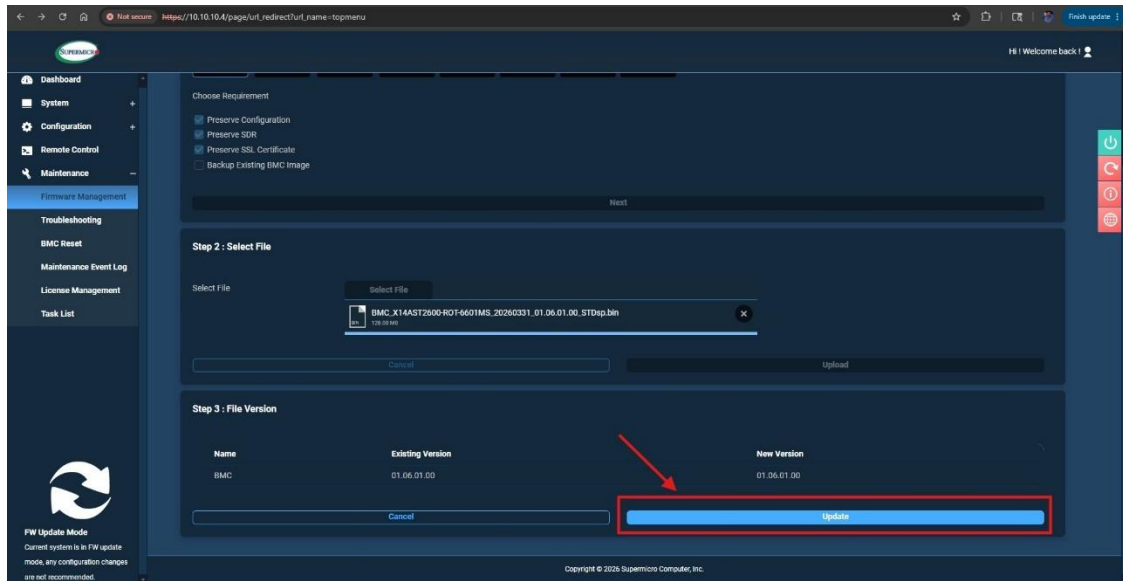


Figure 7

2. RAID controller configuration steps

2.1 Operation System: Get into the BIOS setup window. And move to the ADVANCE menu.

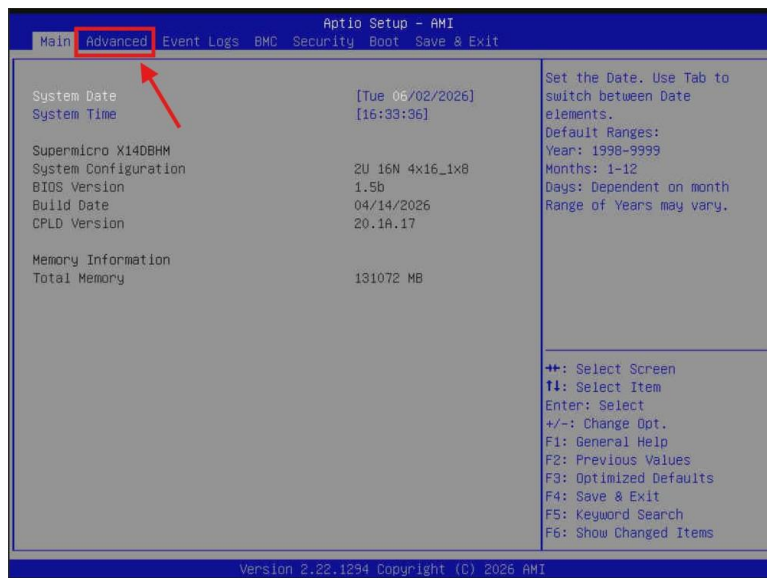


Figure 8

2.2 Once in the ADVANCE option go to the bottom where it shows your RAID CONTROLLER and click on that option.

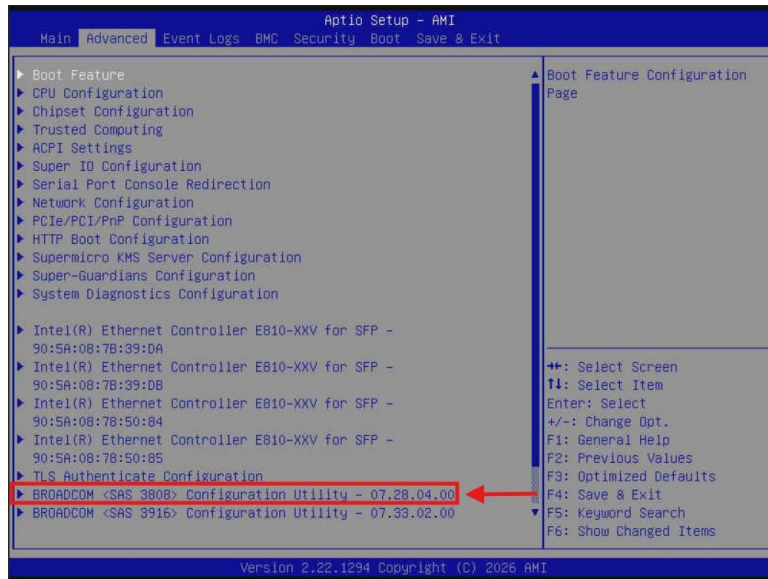


Figure 9

2.3 In the next menu click in the option MAIN MENU.

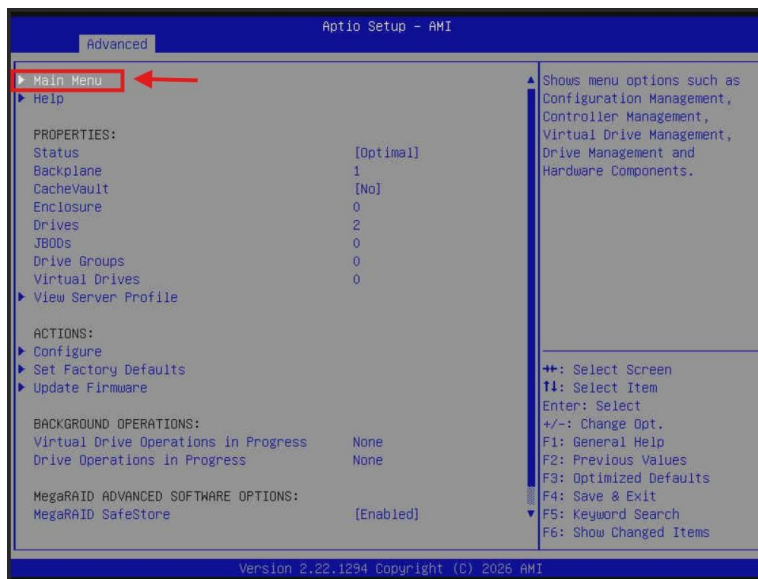


Figure 10

2.4 Next, select the option CREATE VIRTUAL DRIVE.

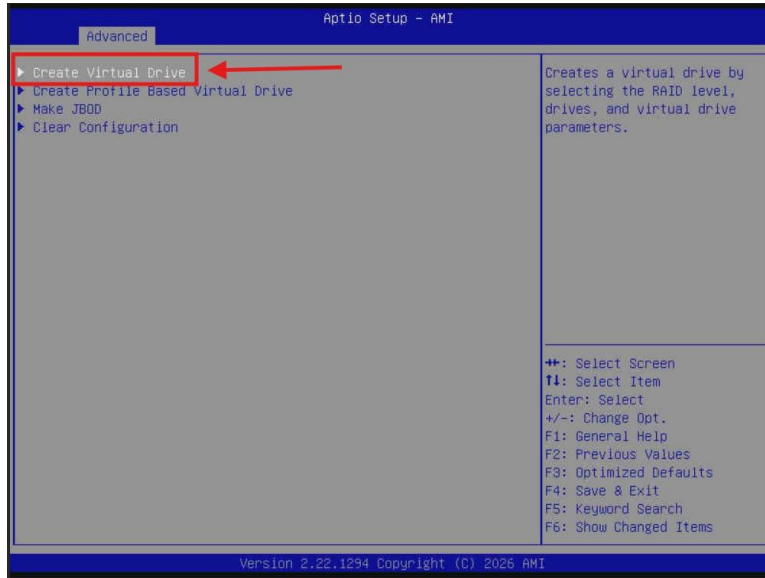


Figure 11

2.5 Click in the option SELECT RAID LEVEL (Imagen 12), when the little windows opens. Select RAID 1 (Imagen 13) and press ENTER.

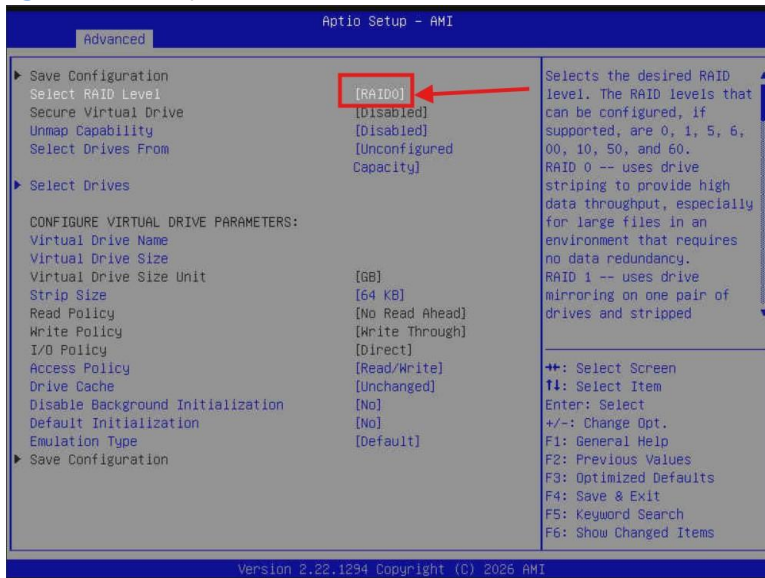


Figure 12

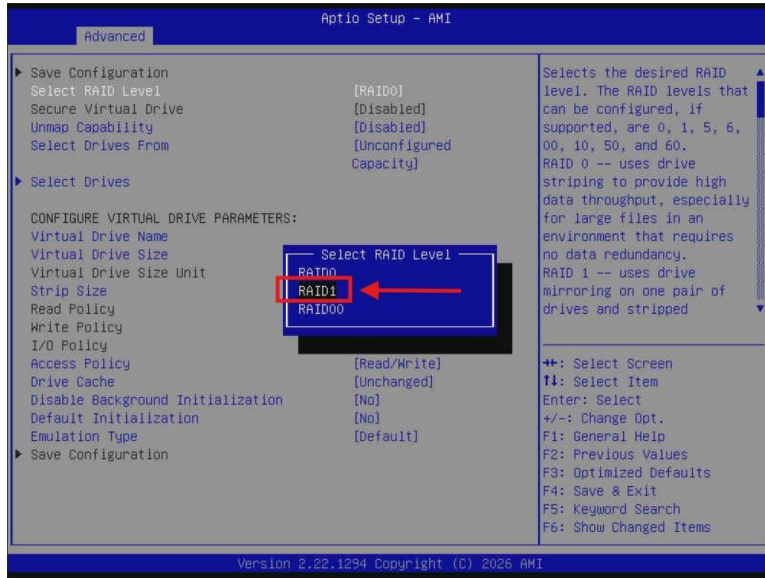


Figure 13

2.6 Now go down to the option SELECT DRIVES.

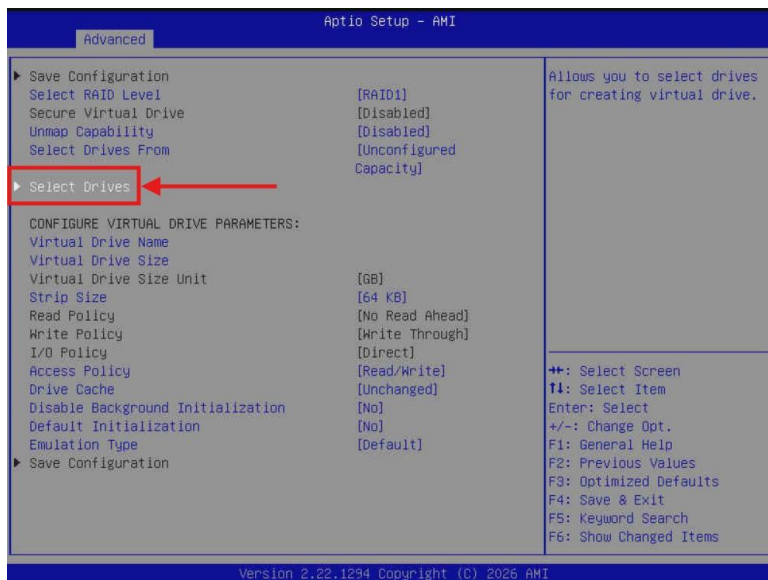


Figure 14

2.7 Go to the option CHECK ALL and press ENTER.

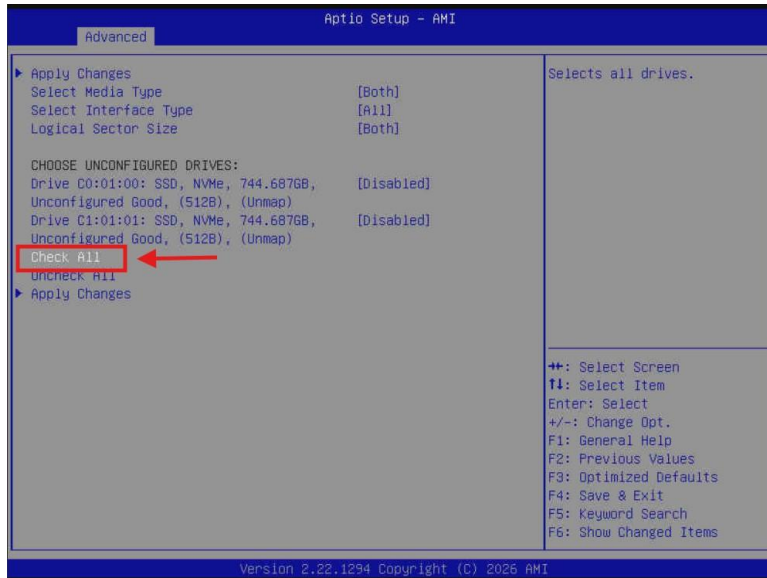


Figure 15

2.8 Once all Drives have been selected, select the option APPLY CHANGES and press ENTER.

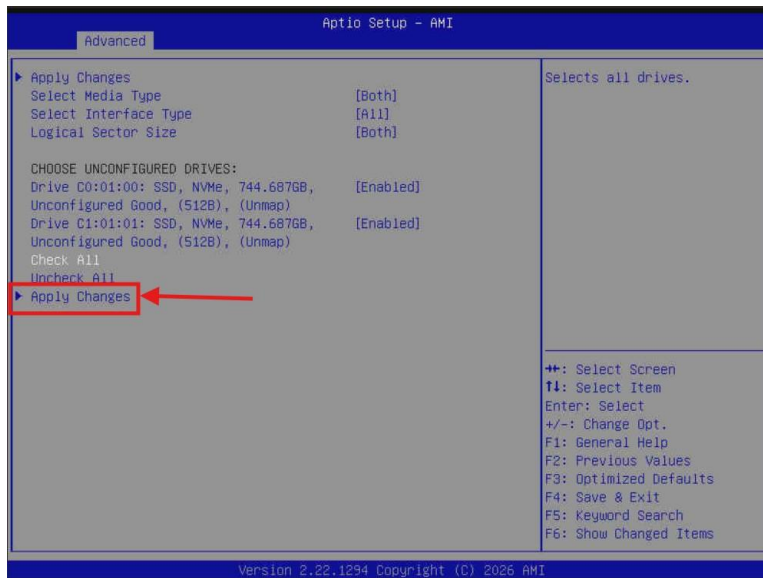


Figure 16

2.9 Now select the option ok and press ENTER.

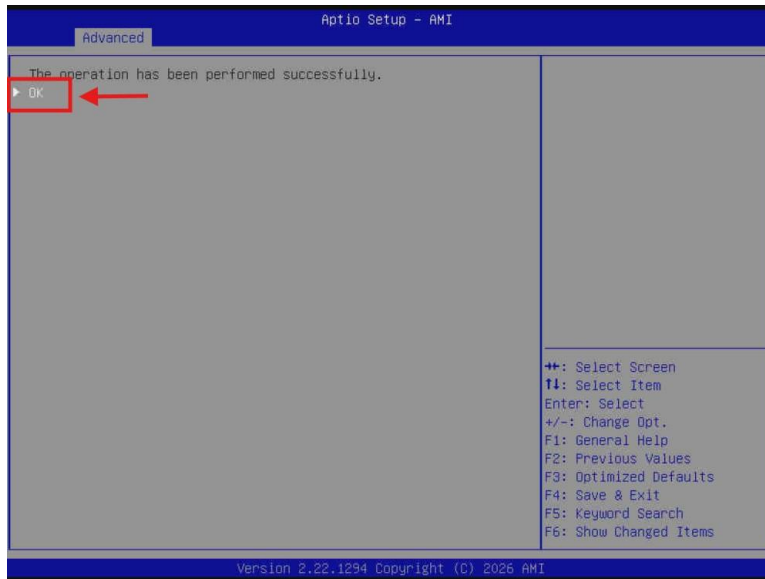


Figure 17

2.10 Now go to SAVE CONFIGURATION and press ENTER.

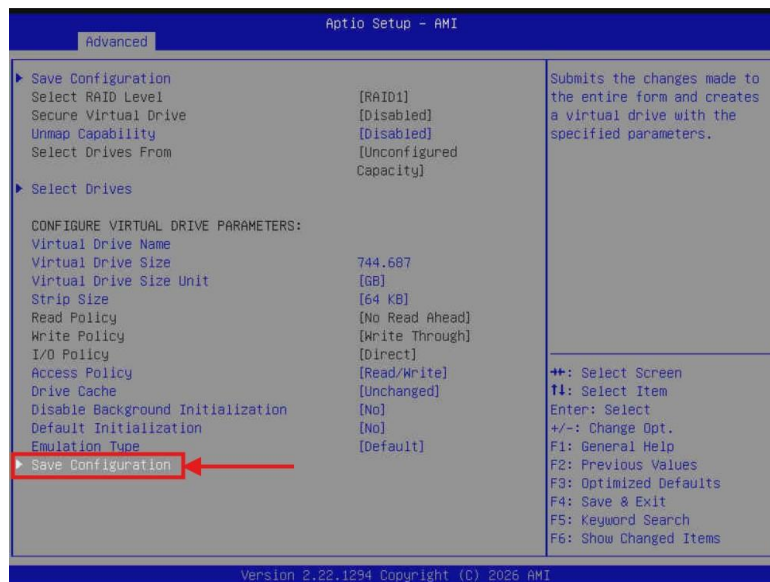


Figure 18

2.11 Select the CONFIRM (Imagen 19), and then the ENABLE option (Imagen 19) and press ENTER.

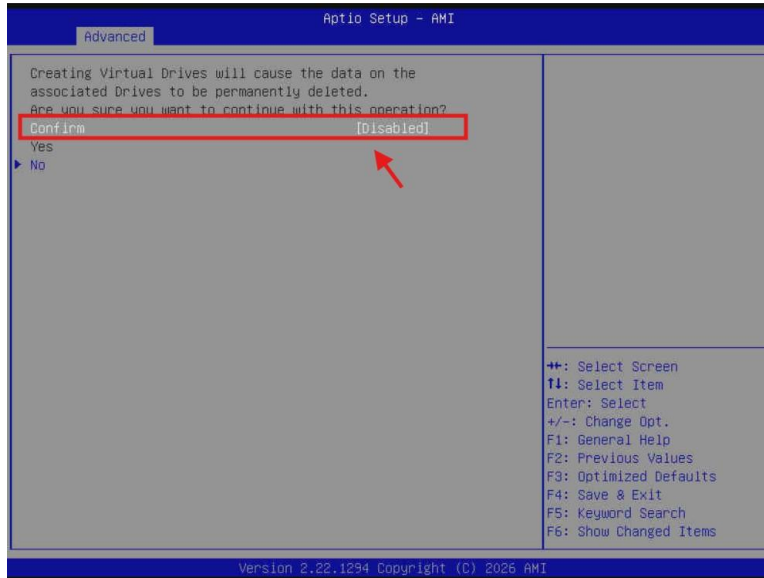


Figure 19

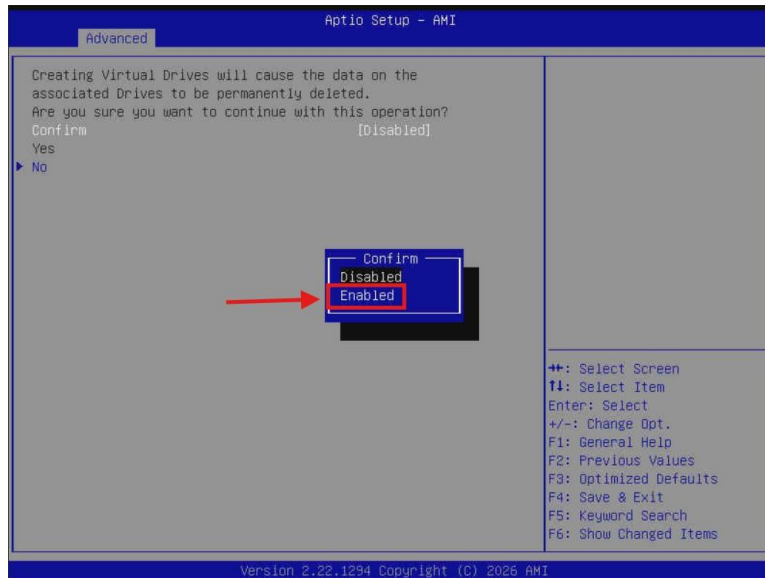


Figure 20

2.12 Then select the YES option (Imagen 21) and after the OK option (Imagen 22)by pressing ENTER.

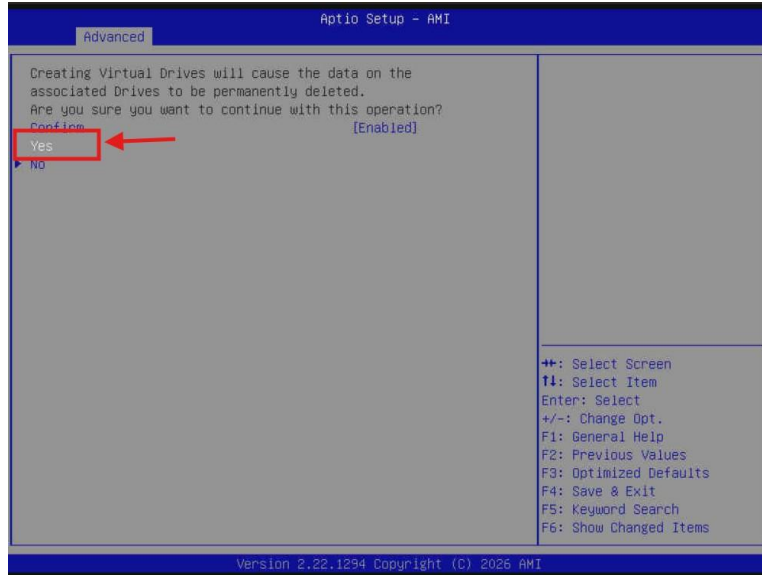


Figure 21

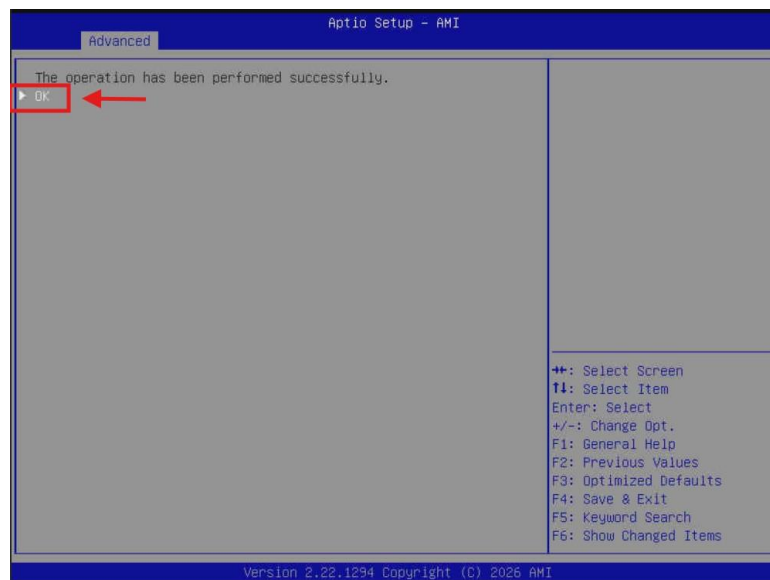


Figure 22

2.13 Your RAID CONTROLLER configuration is completed when a confirmation message shows in your screen.

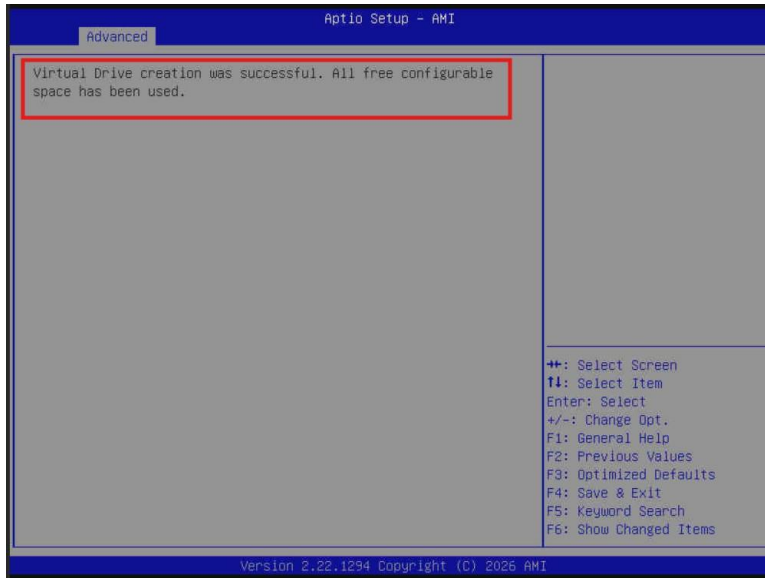


Figure 23

2.14 Repository: Once inside the menu move to the ADVANCE menu.

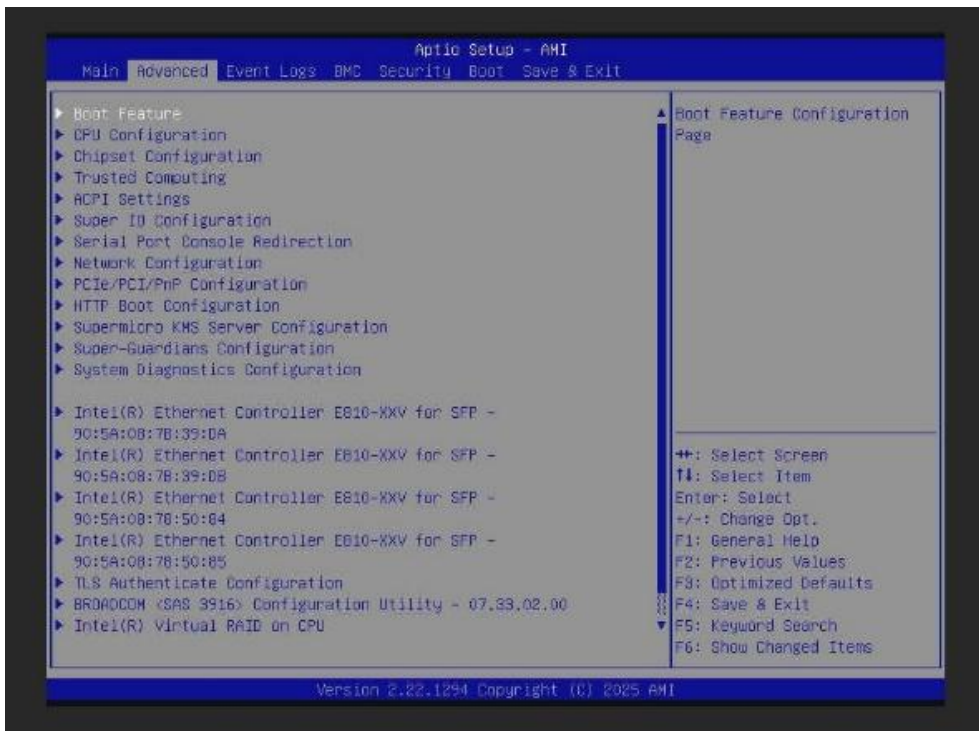


Figure 24

2.15 Scroll down to the BROADCOM option.

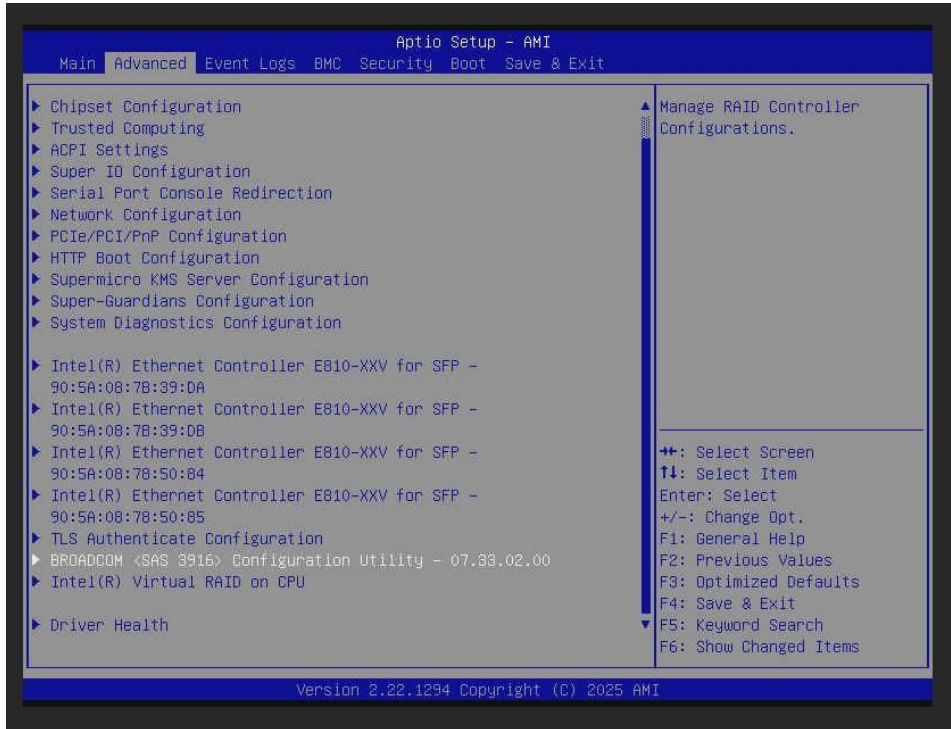


Figure 25

2.16 Then click in the MAIN MENU option.

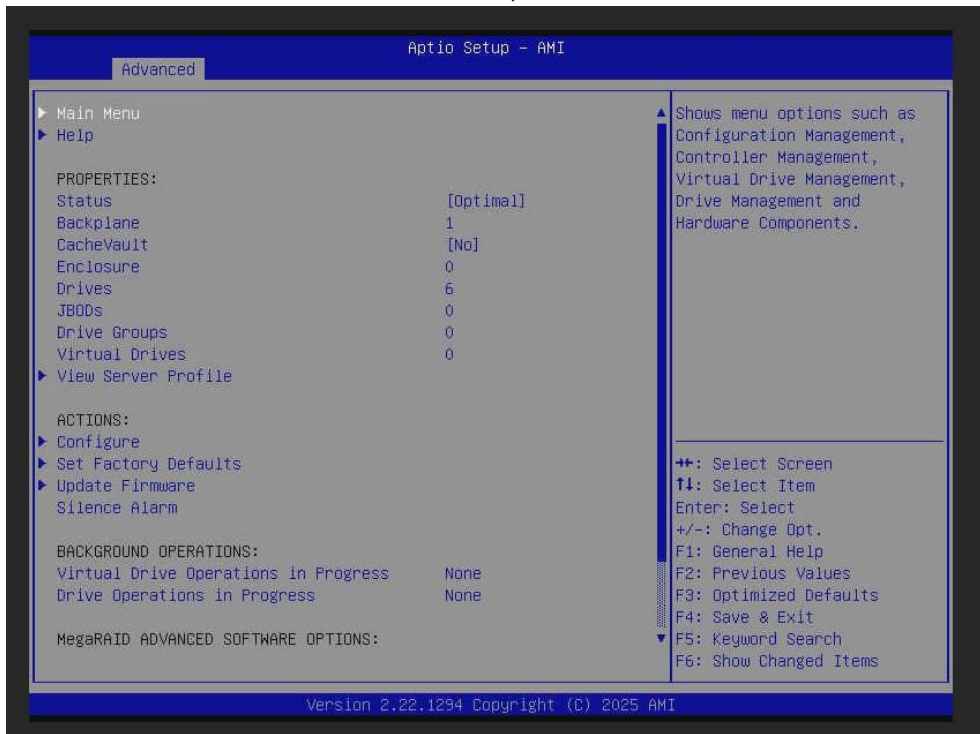


Figure 26

2.17 Click in the CONFIGURATION MANAGEMENT option.

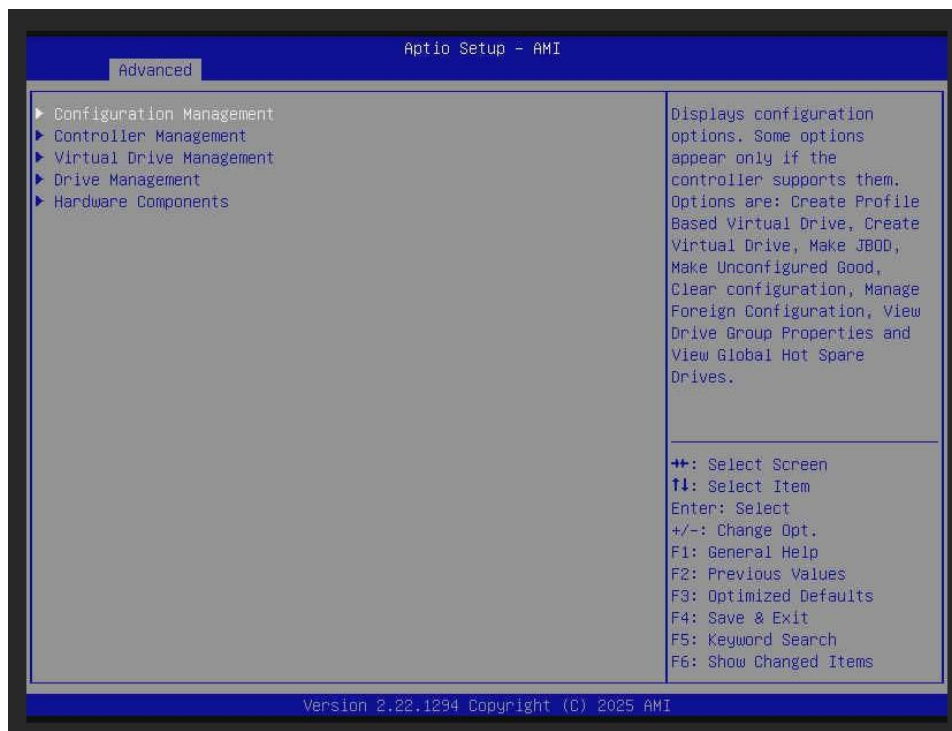


Figure 27

2.18 Scroll down to the CREATE VIRTUAL DRIVE option

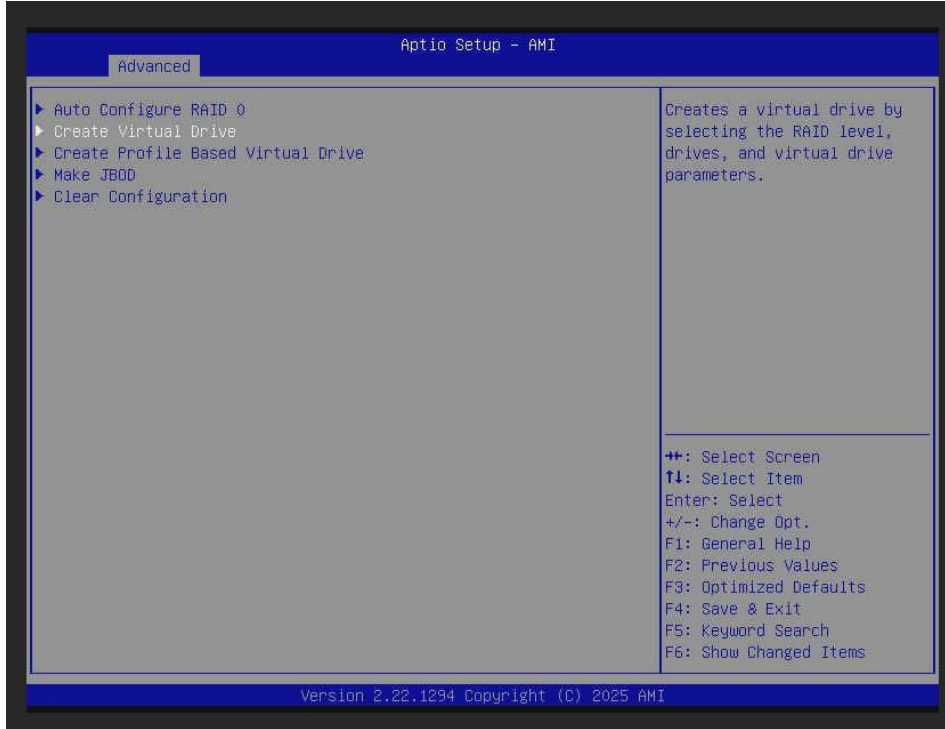


Figure 28

2.19 Now click in SELECT RAID LEVEL,

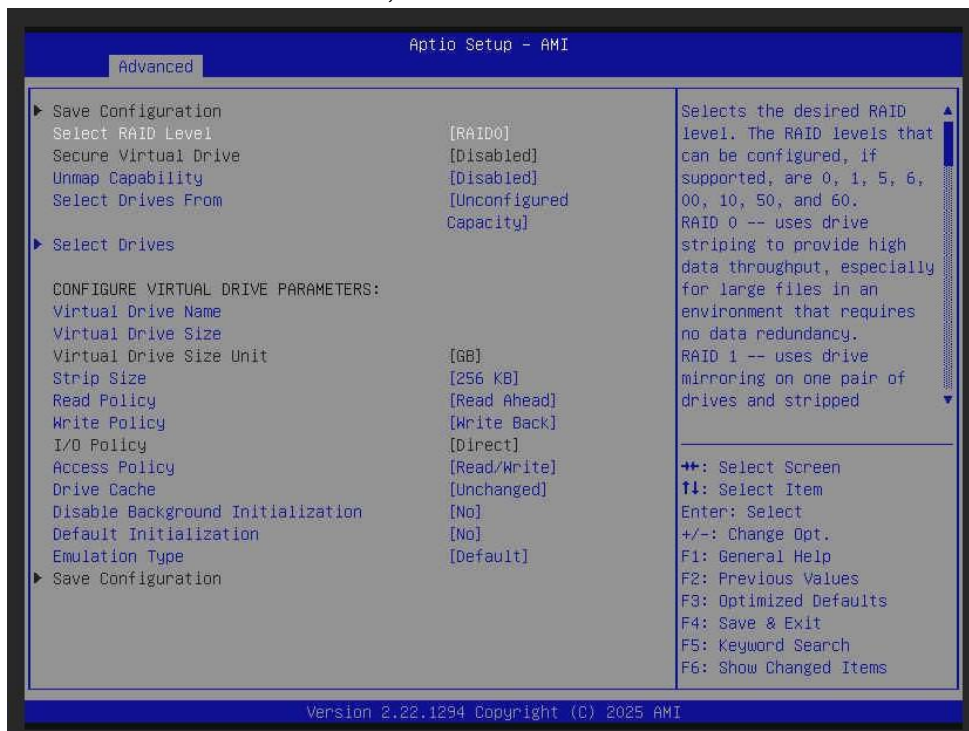


Figure 29

2.20 Once inside the menu move to the ADVANCE menu.

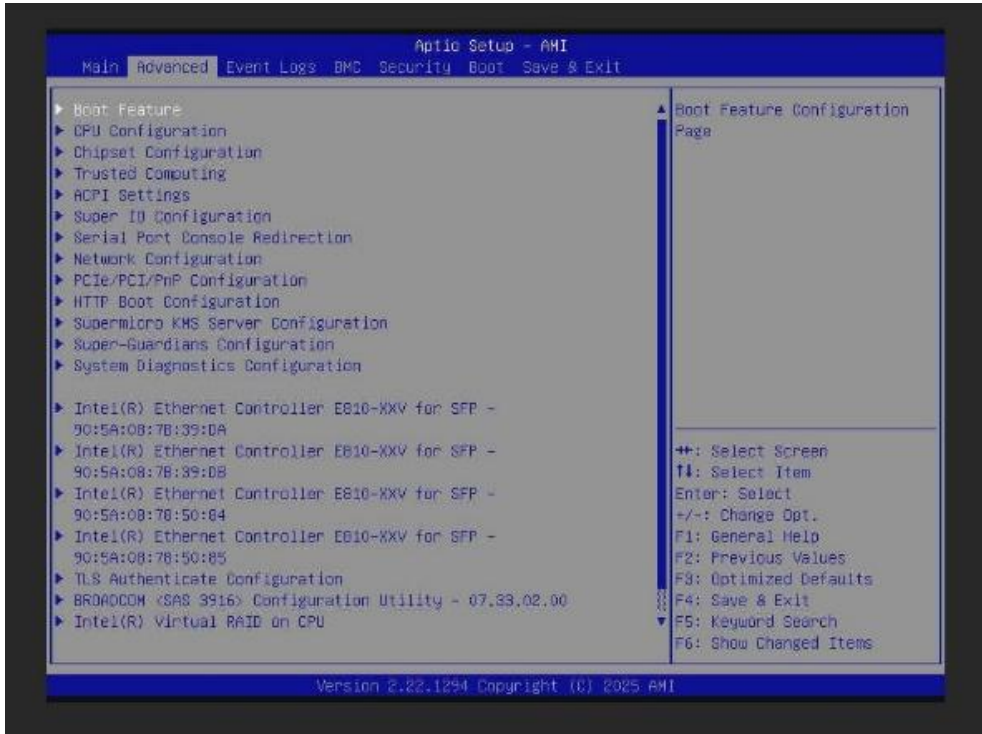


Figure 30

2.21 Scroll down to the BROADCOM option.

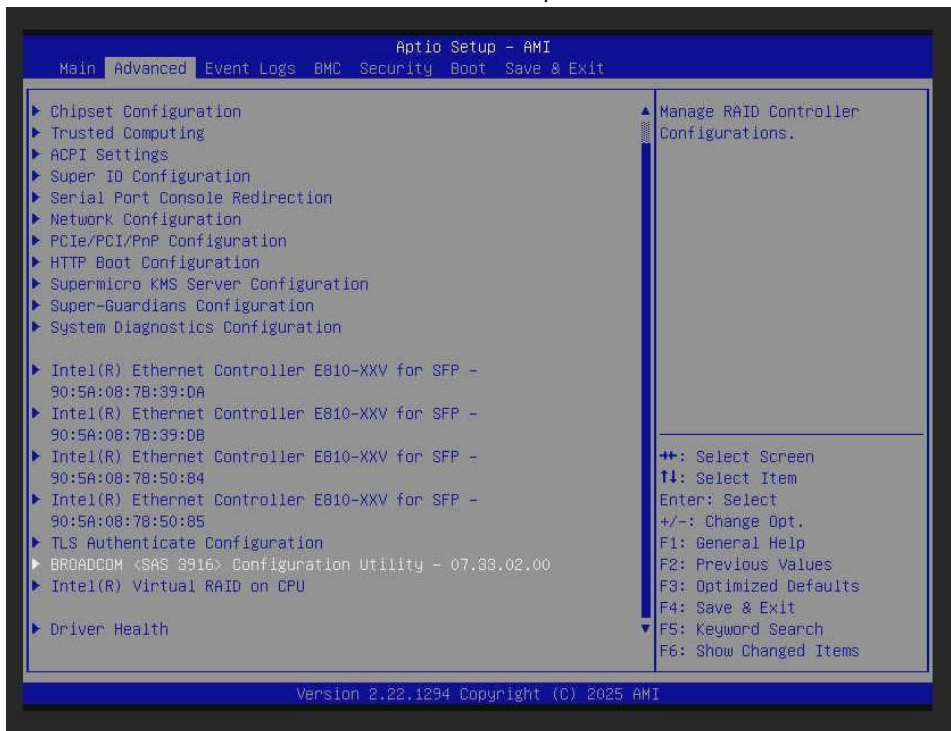


Figure 31

2.22 Then click in the MAIN MENU option.

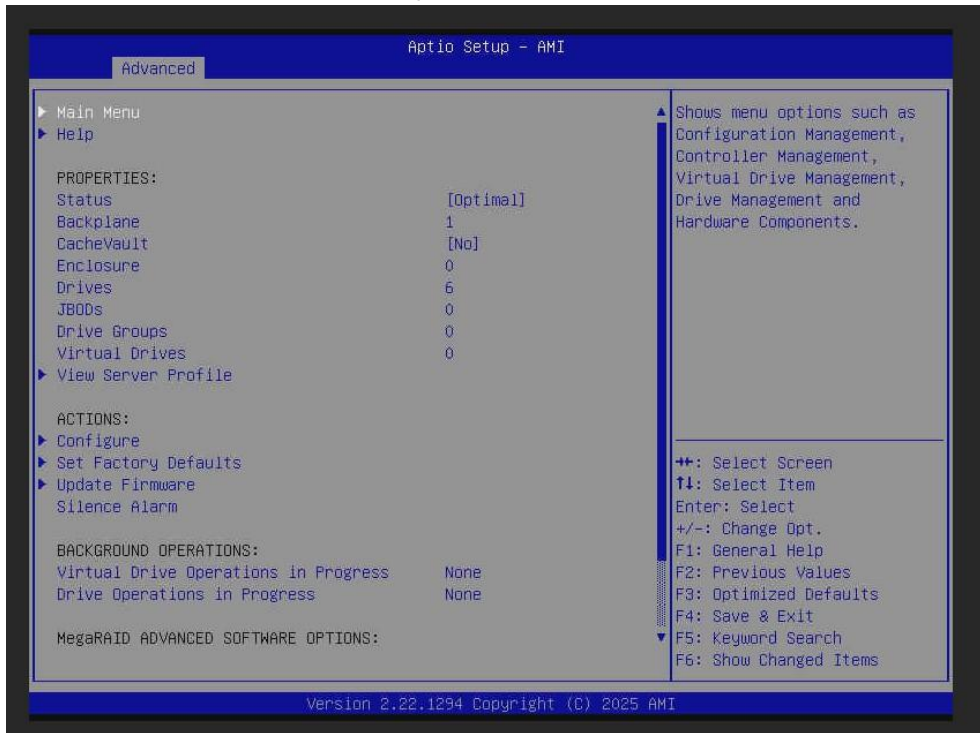


Figure 32

2.23 Click in the CONFIGURATION MANAGEMENT option.



Figure 33

2.24 Scroll down to the CREATE VIRTUAL DRIVE option



Figure 34

2.25 Now click in SELECT RAID LEVEL,

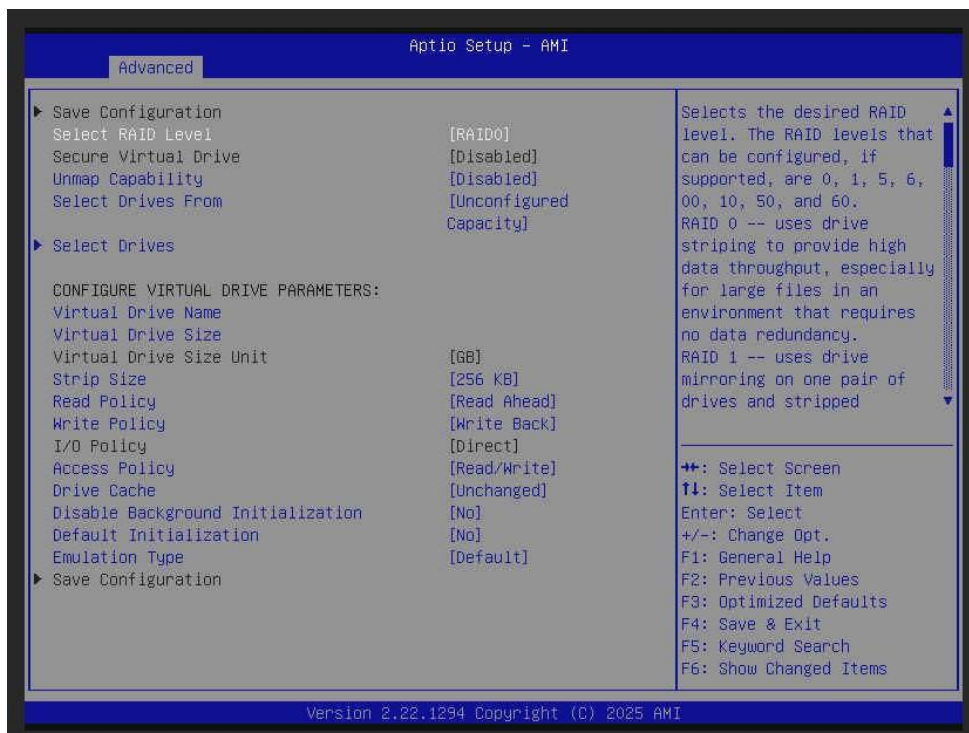


Figure 35

2.26 Choose the RAID 6 option:

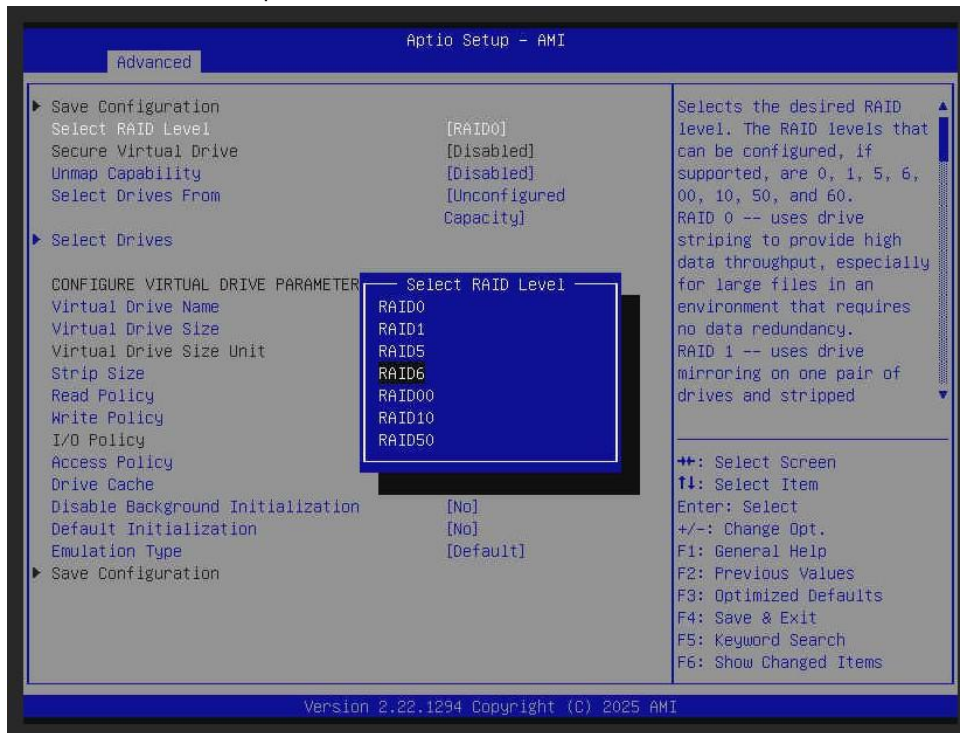


Figure 36

2.27 Then click in the option SELECT DRIVES FROM and click in the UNCONFIGURE CAPACITY option

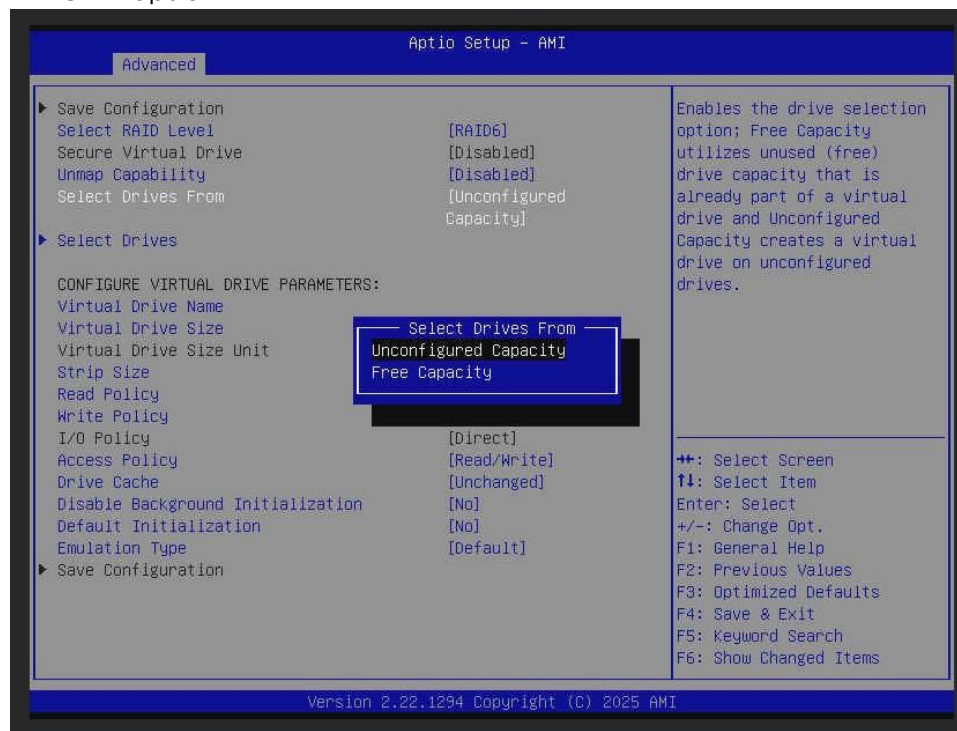


Figure 37

2.28 Then click on SELECT DRIVES (Imagen 33) and click in the CHECK ALL option (Imagen 34).

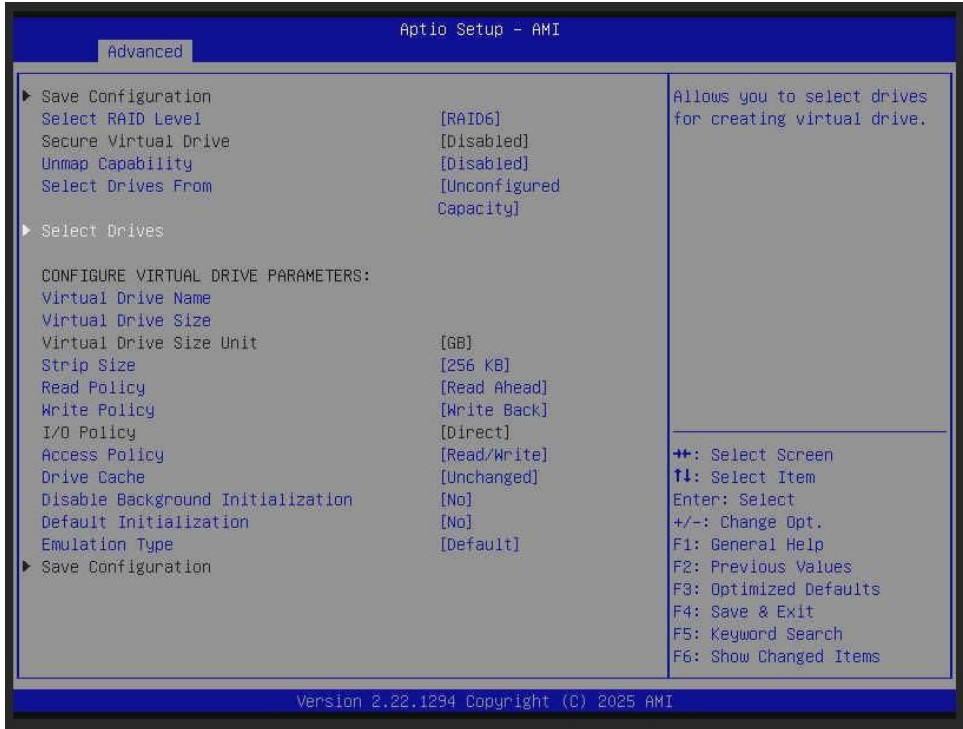


Figure 38

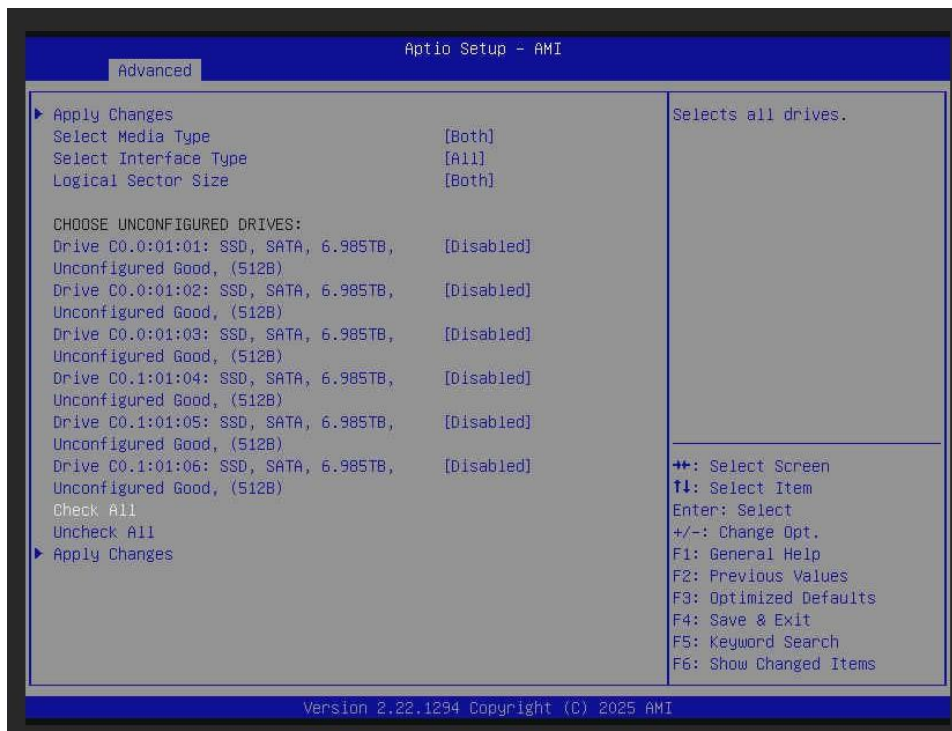


Figure 39

2.29 Then click in APPLY CHANGES (Imagen 35), and then in the OK option (Imagen 36).

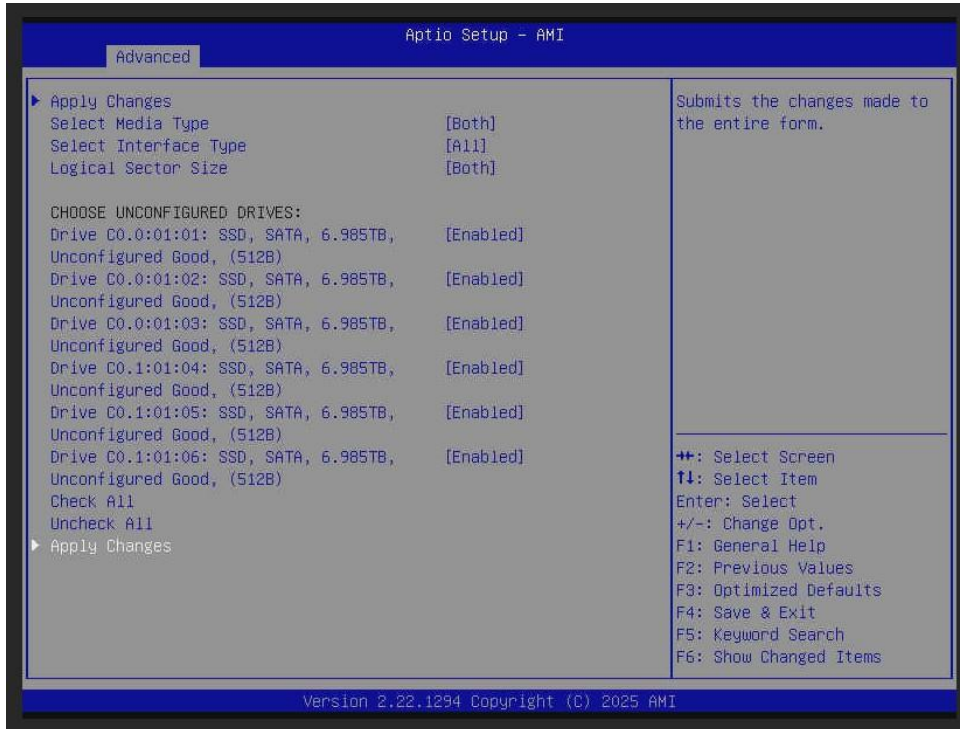


Figure 40

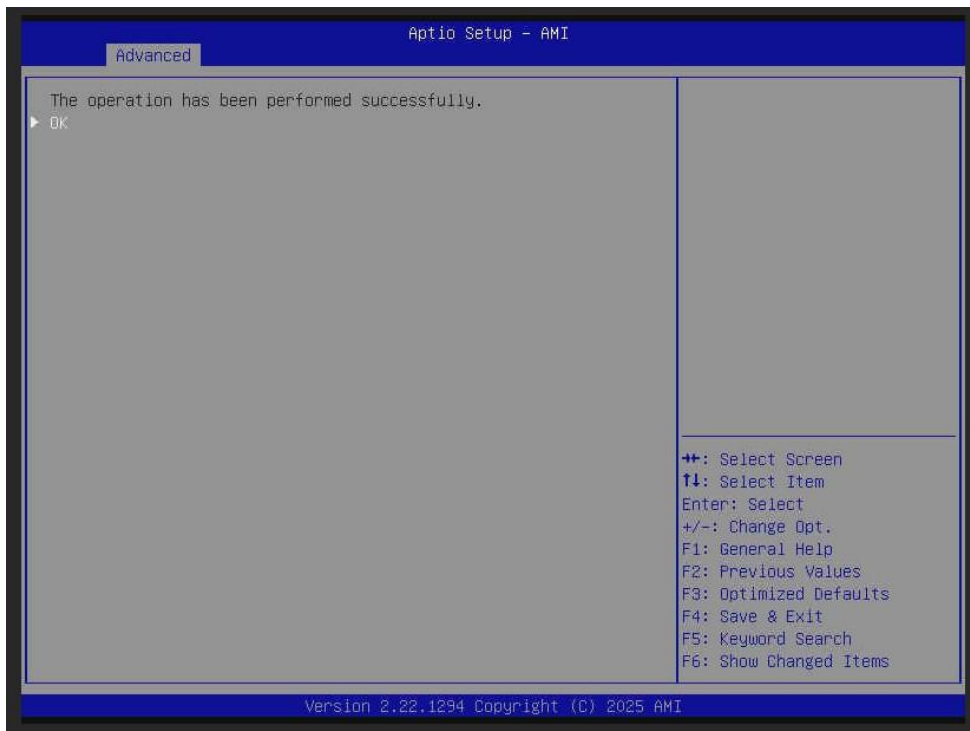


Figure 41

2.30 Now scroll down to the VIRTUAL DRIVE NAME option (Imagen 37) and type a name. Example: REPOSITORY (Imagen 38).

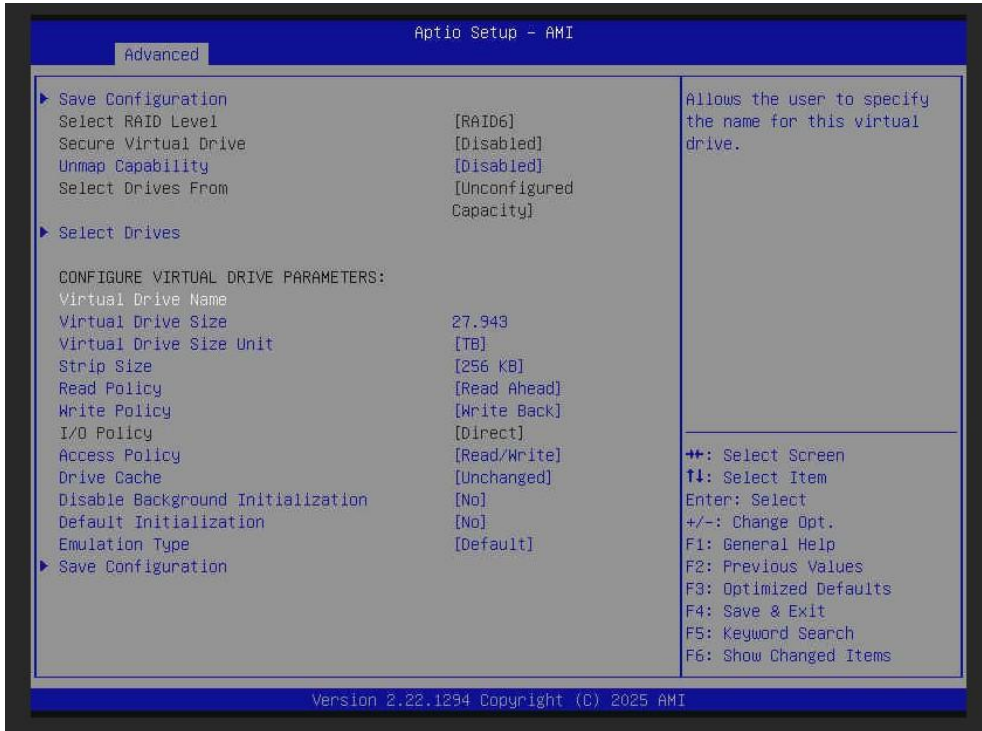


Figure 42

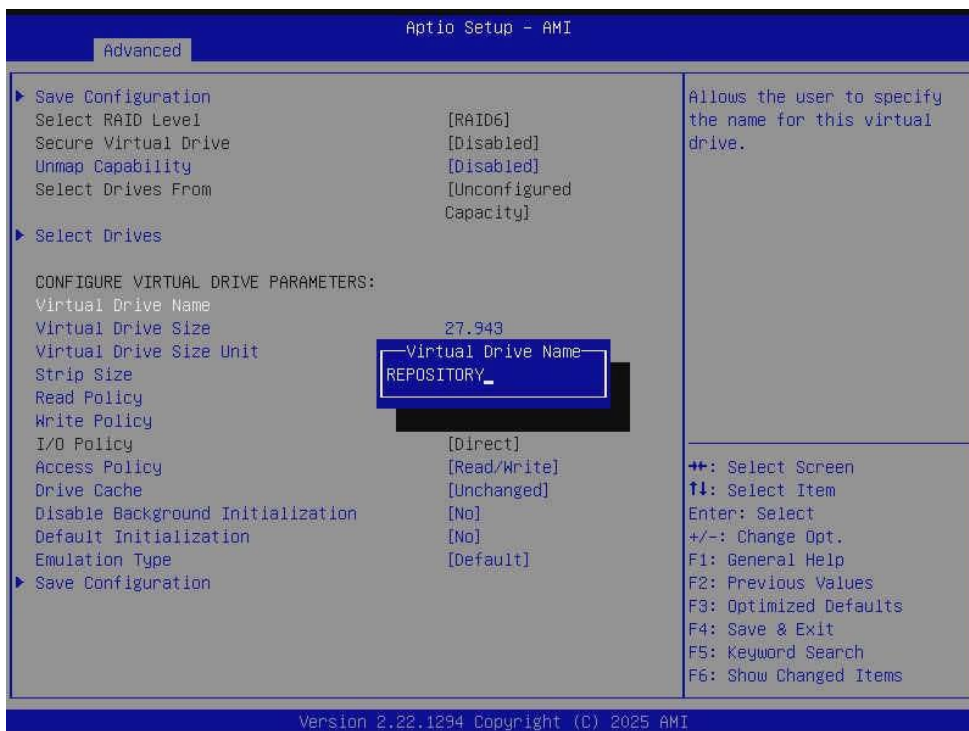


Figure 43

2.31 Verify that the STRIP SIZE is at 256 KB.

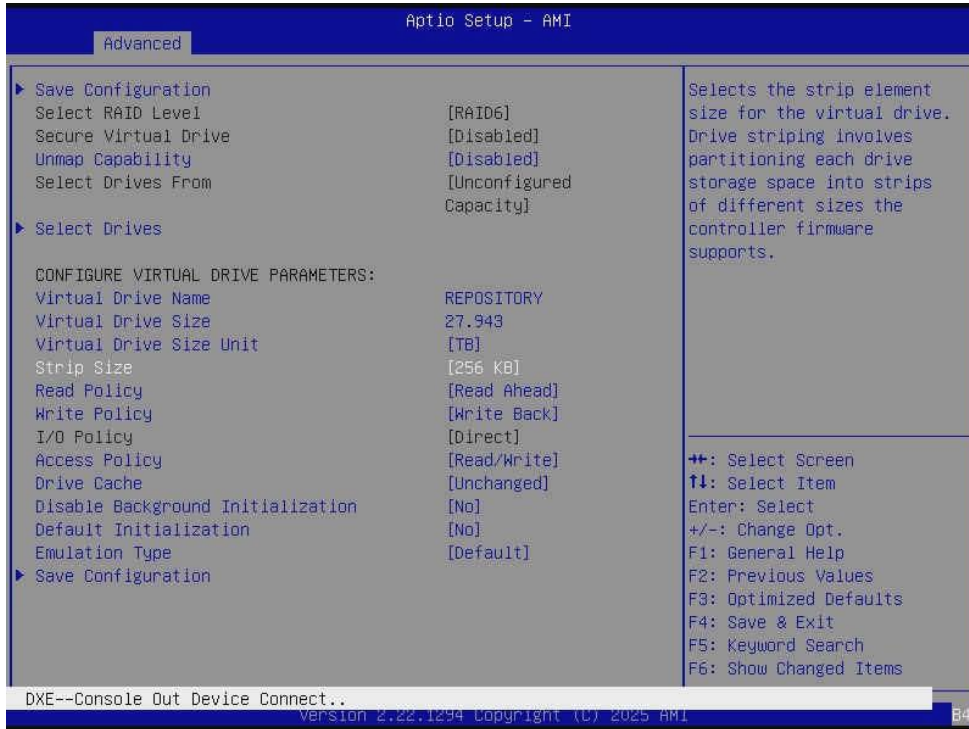


Figure 44

2.32 Now scroll down and click in the SAVE CONFIGURATION option.

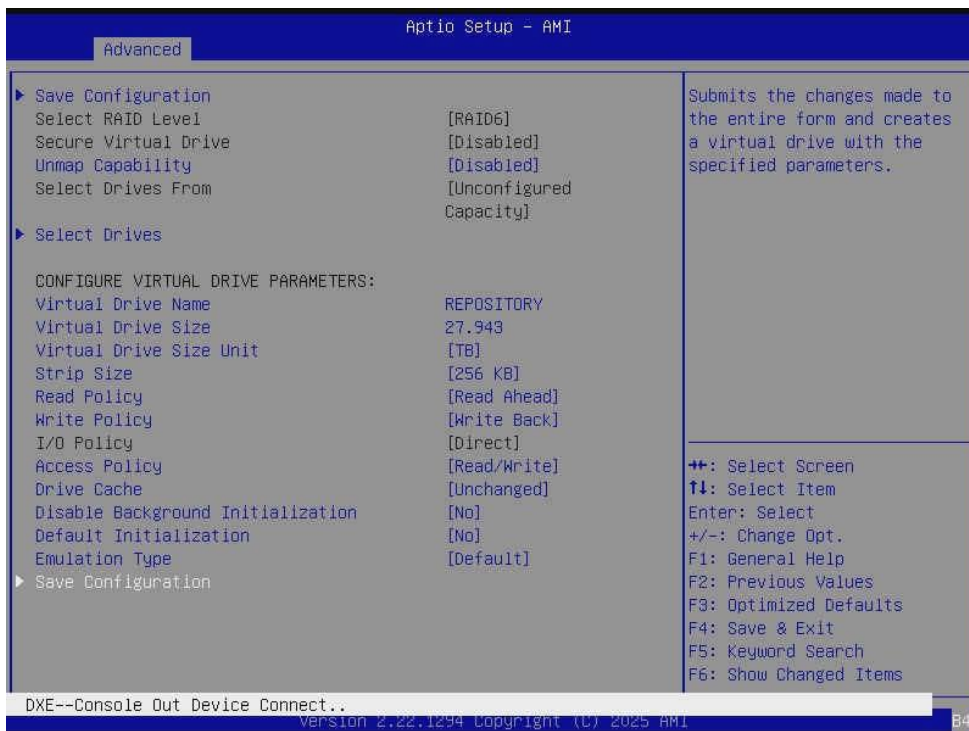


Figure 45

2.33 Click in the ENABLE option. Scroll down and click in the YES option.

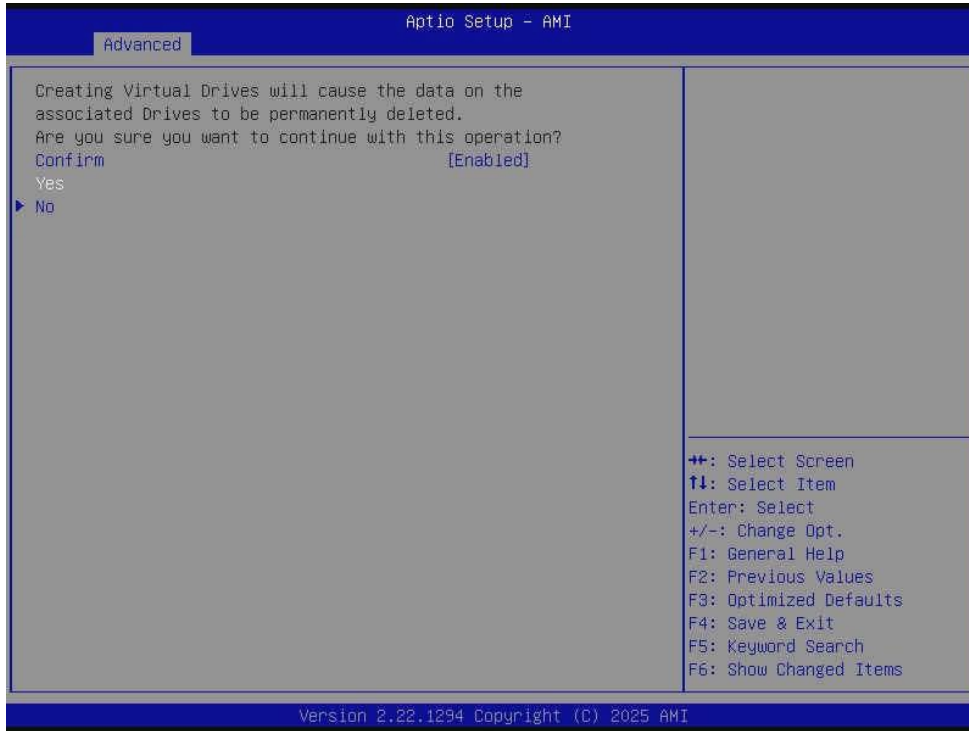


Figure 46

Choose the RAID 6 option:

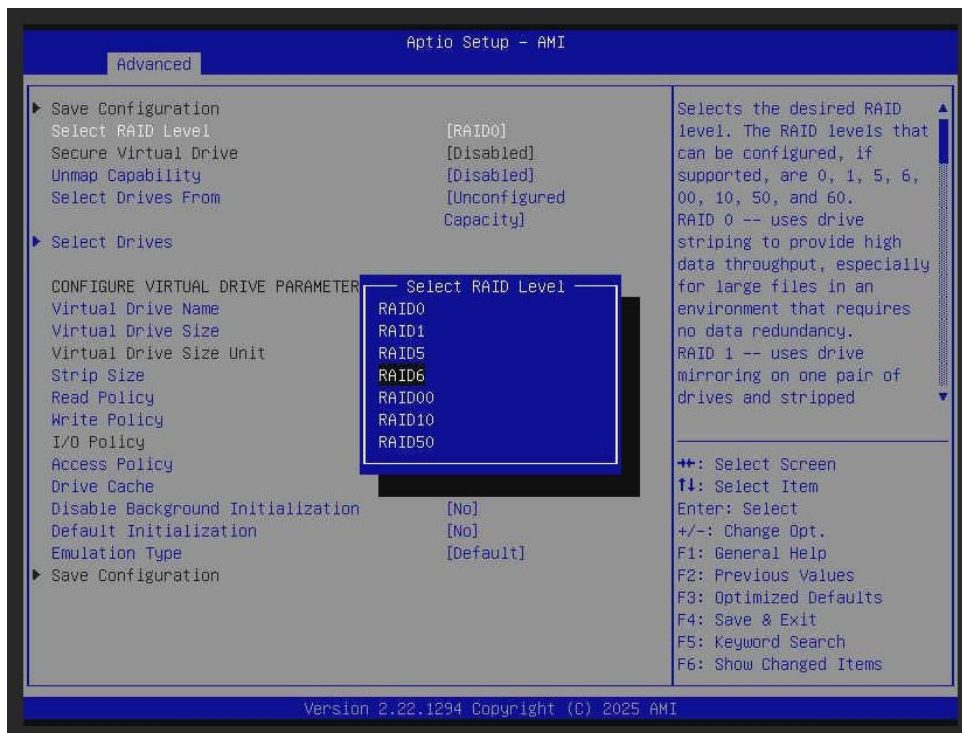


Figure 47

2.34 Then click in the option SELECT DRIVES FROM and click in the UNCONFIGURE CAPACITY option

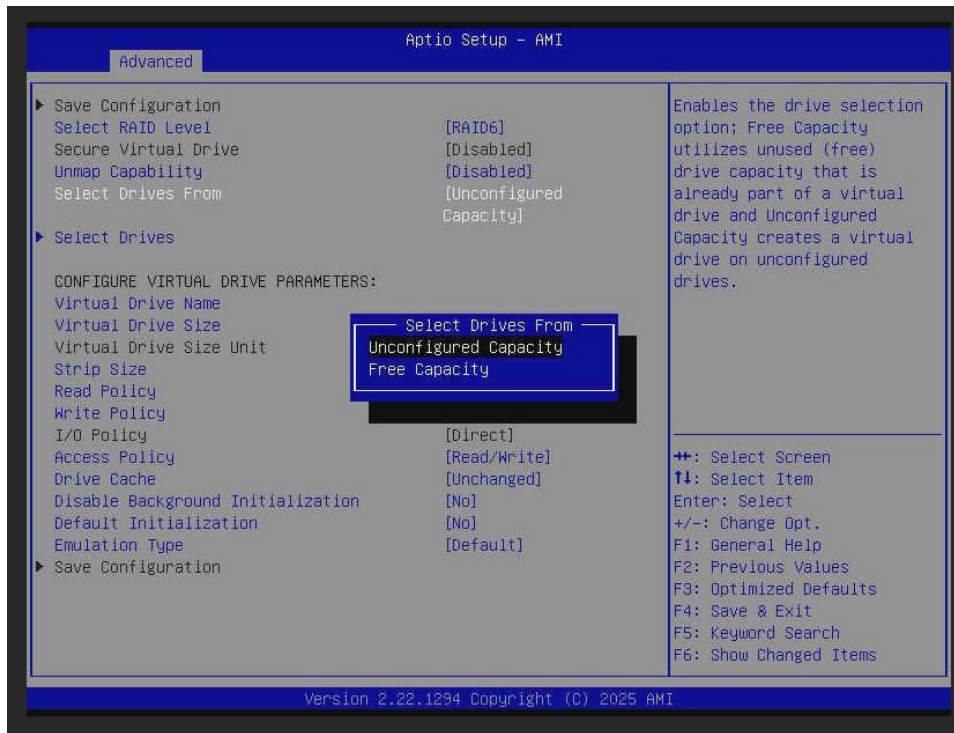


Figure 48

2.35 Then click on SELECT DRIVES (Imagen 33) and click in the CHECK ALL option (Imagen 34).

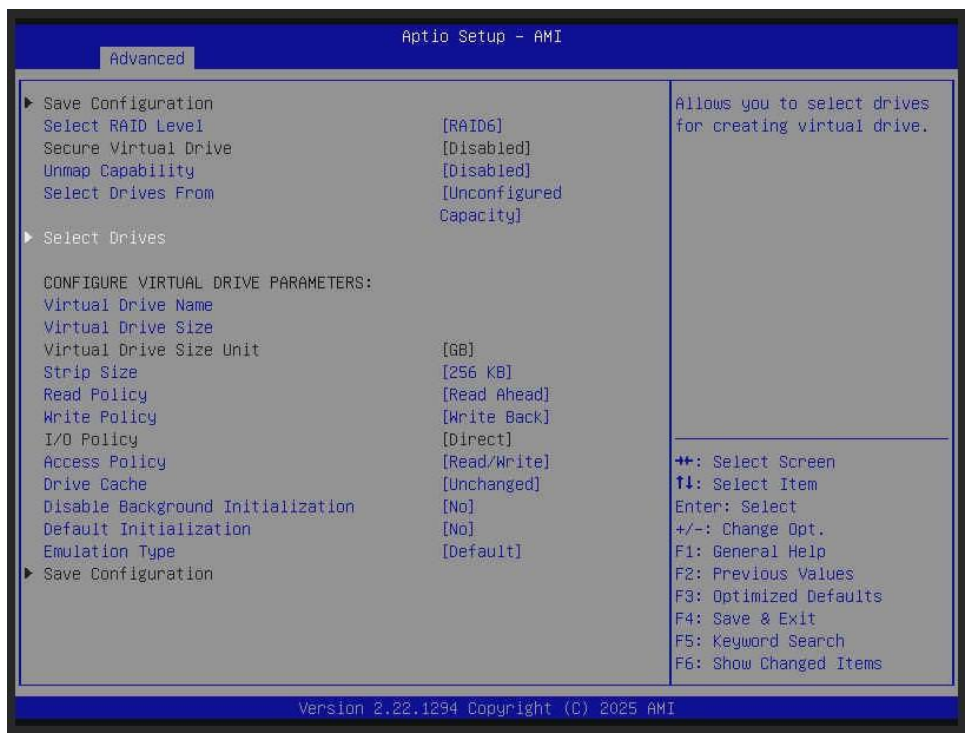


Figure 49

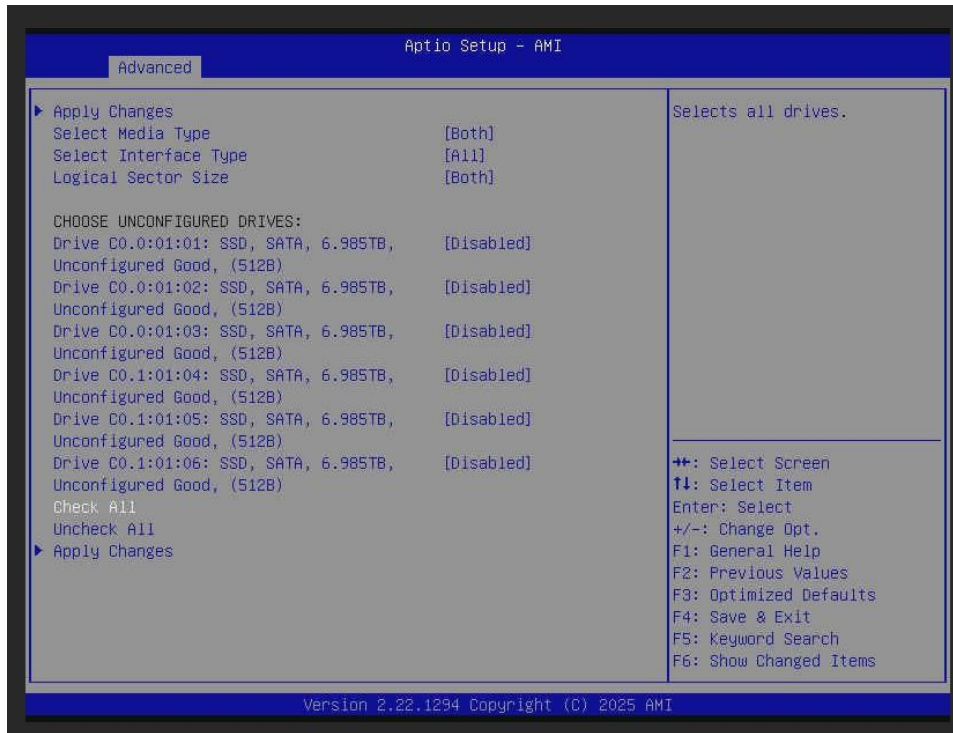


Figure 50

2.36 Then click in APPLY CHANGES (Imagen 35), and then in the OK option (Imagen 36).

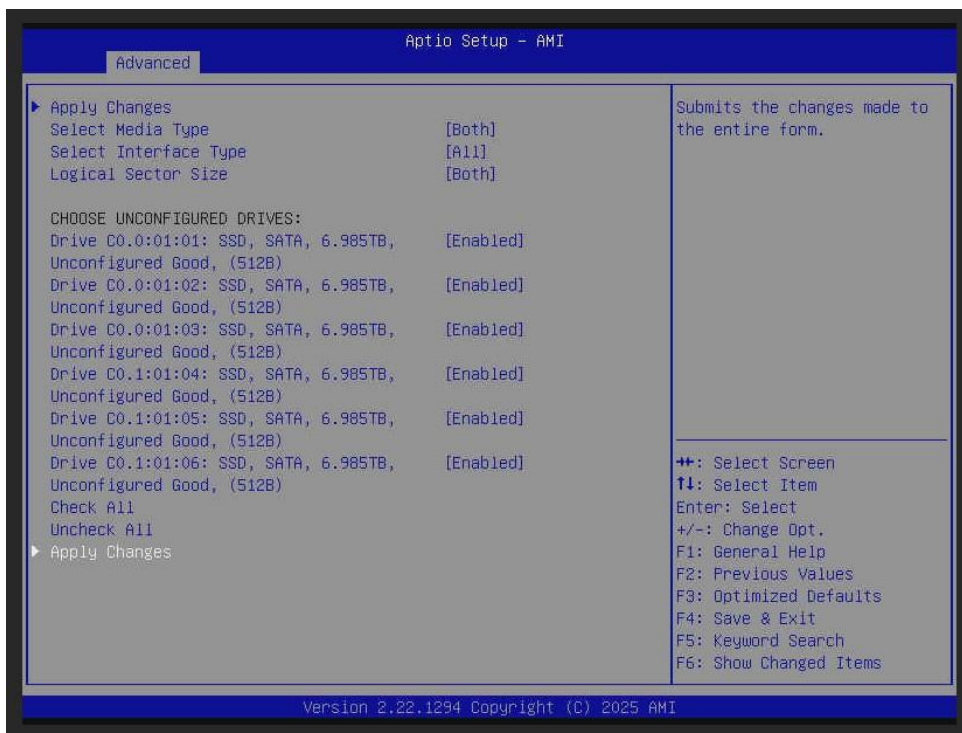


Figure 51

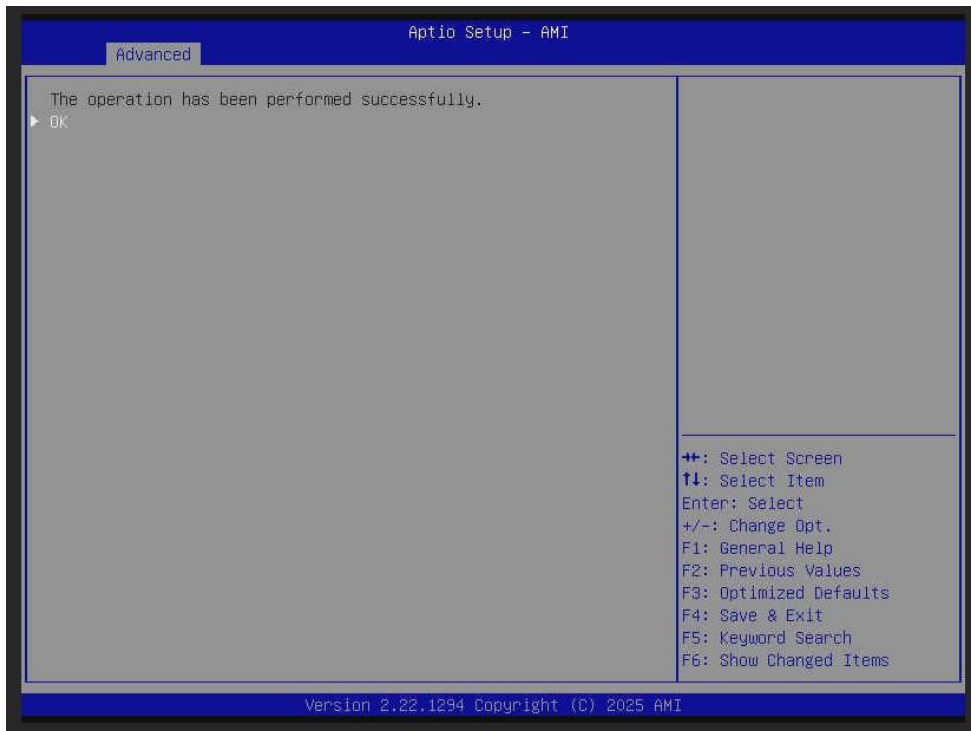


Figure 52

2.37 Now scroll down to the VIRTUAL DRIVE NAME option (Imagen 37) and type a name. Example: REPOSITORY (Imagen 38).

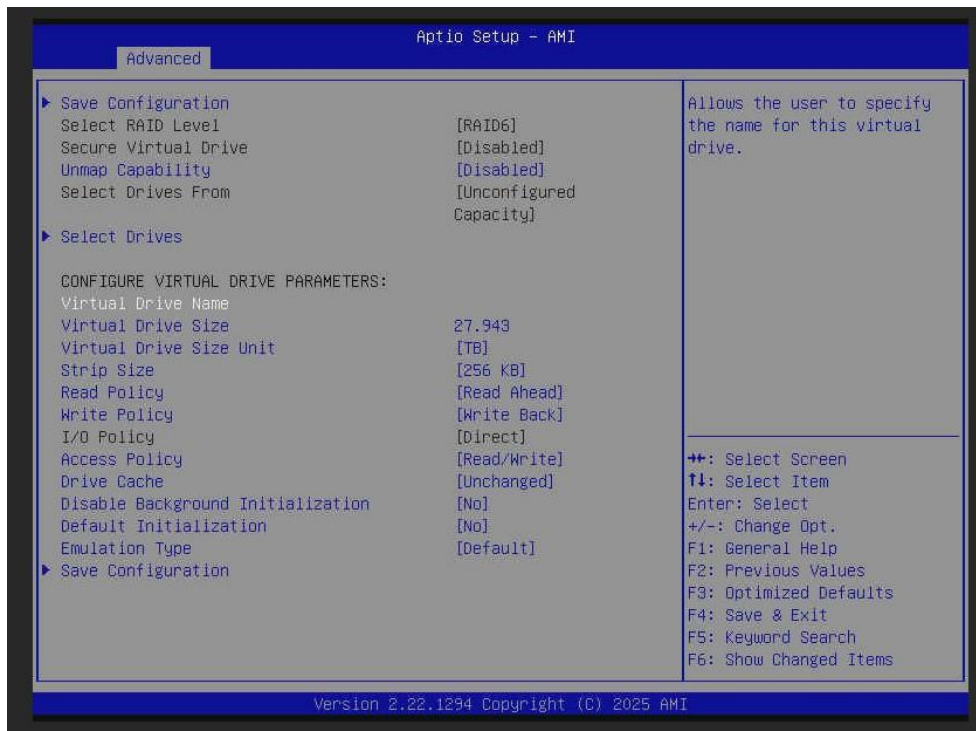


Figure 53

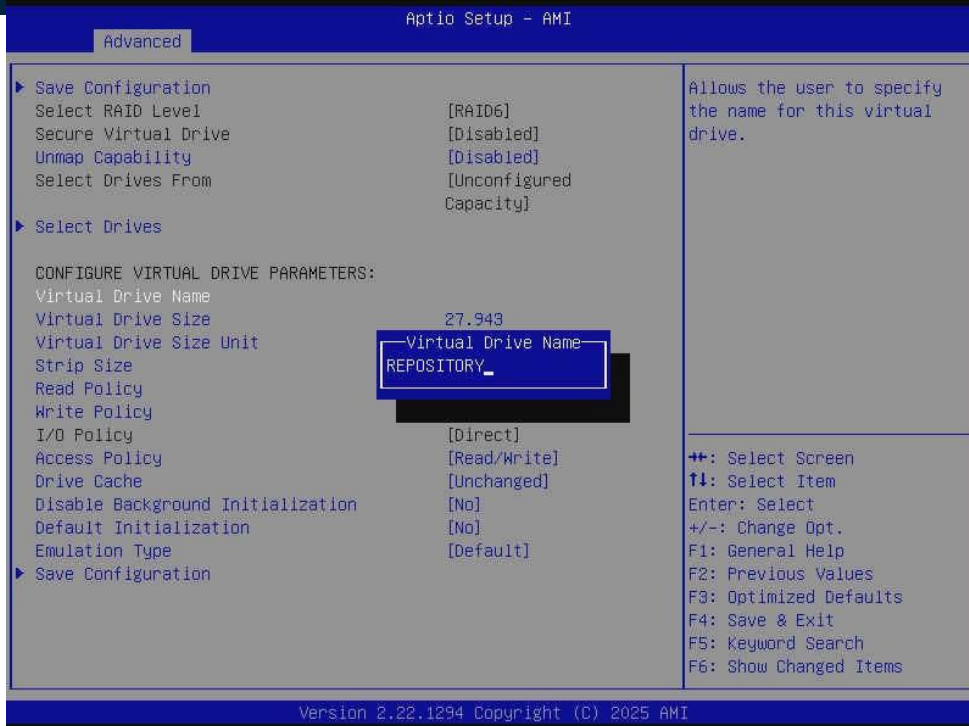


Figure 54

2.38 Verify that the STRIP SIZE is at 256 KB.

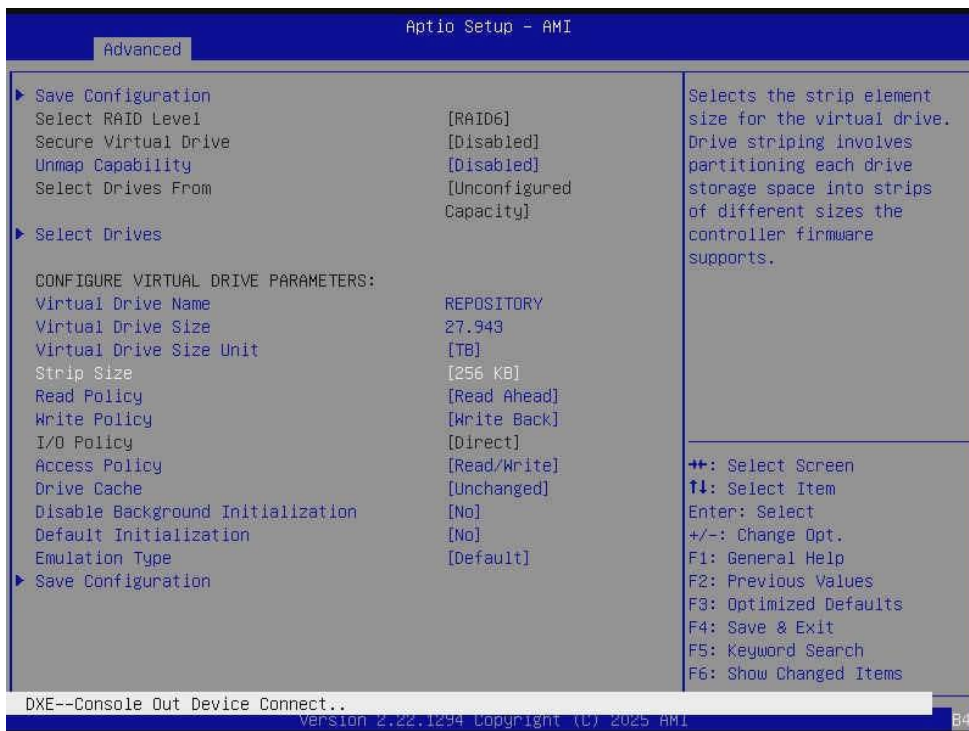


Figure 55

2.39 Now scroll down and click in the SAVE CONFIGURATION option.

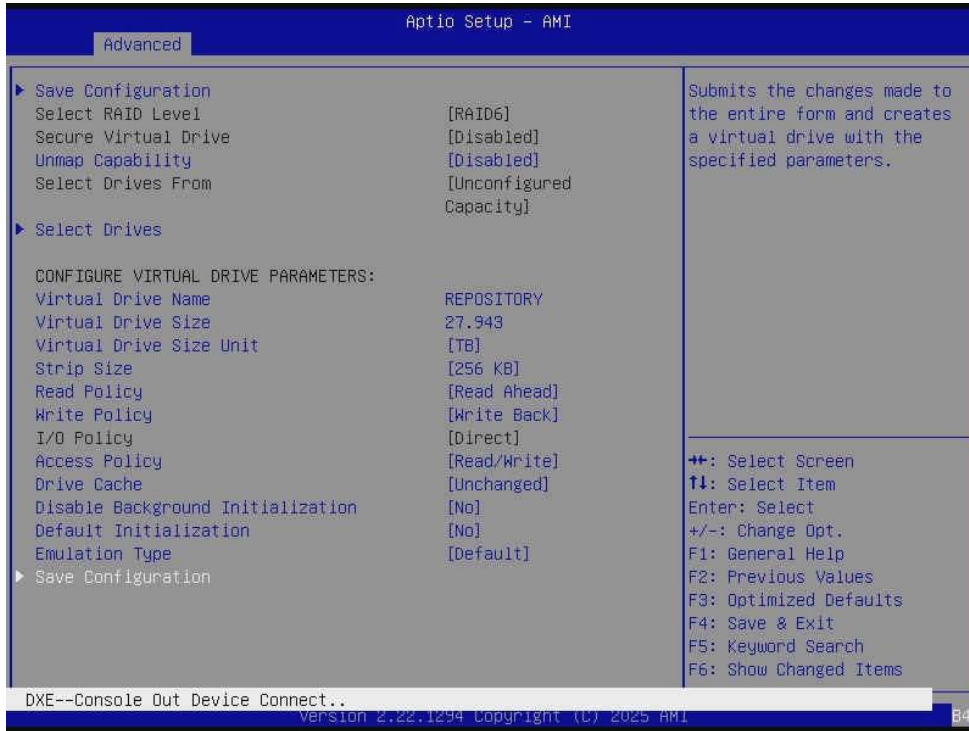


Figure 56

2.40 Click in the ENABLE option. Scroll down and click in the YES option.

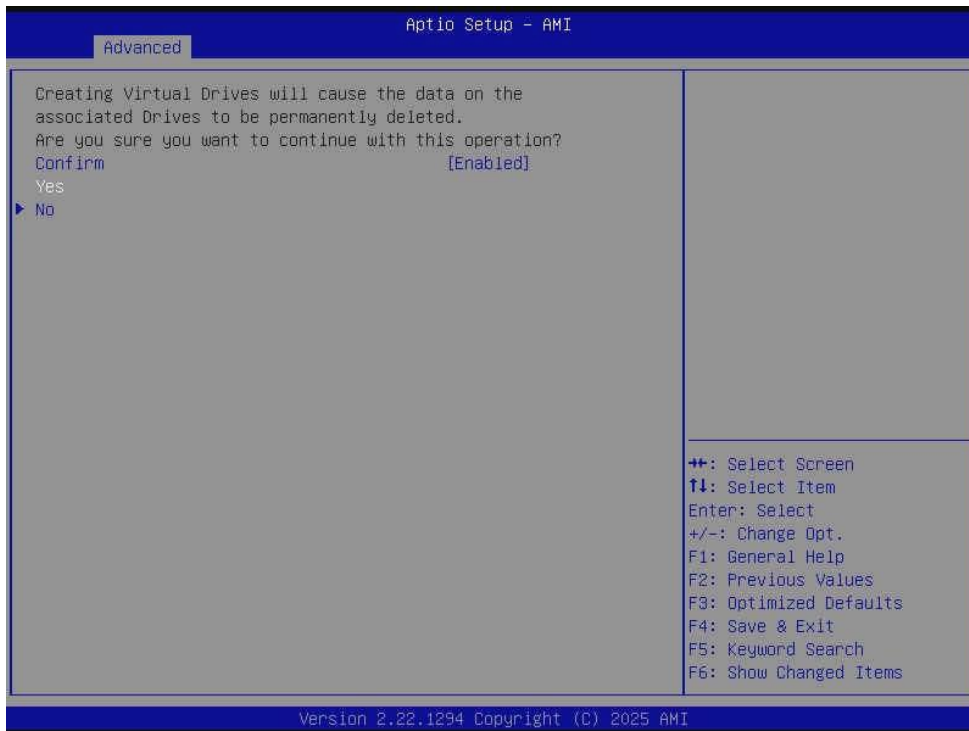


Figure 57

3 BIOS UEFI settings

Here is the configuration required by Veem.

2.20 Click DEL to enter the BIOS SETUP menu.



Figure 58

2.21 in the menu ADVANCED option scroll down/up to the BOOT FEATURE option and click on it.

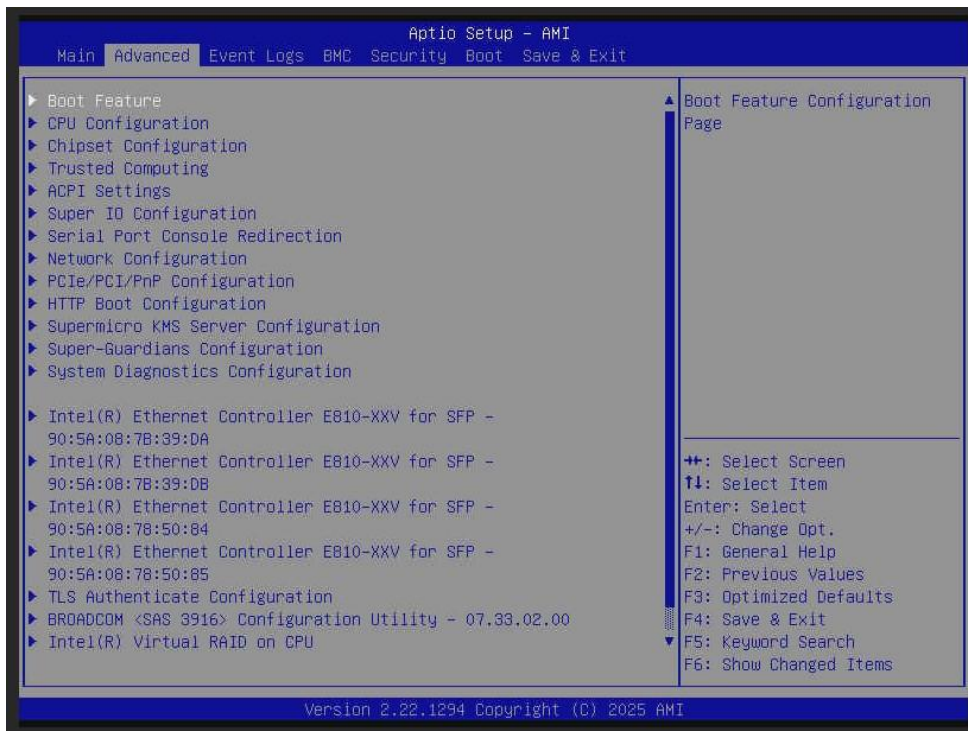


Figure 59

2.22 Then scroll down to the option RESTORE ON AC POWER LOSS (Imagen 43). And select the option POWER ON (Imagen 44).



Figure 60

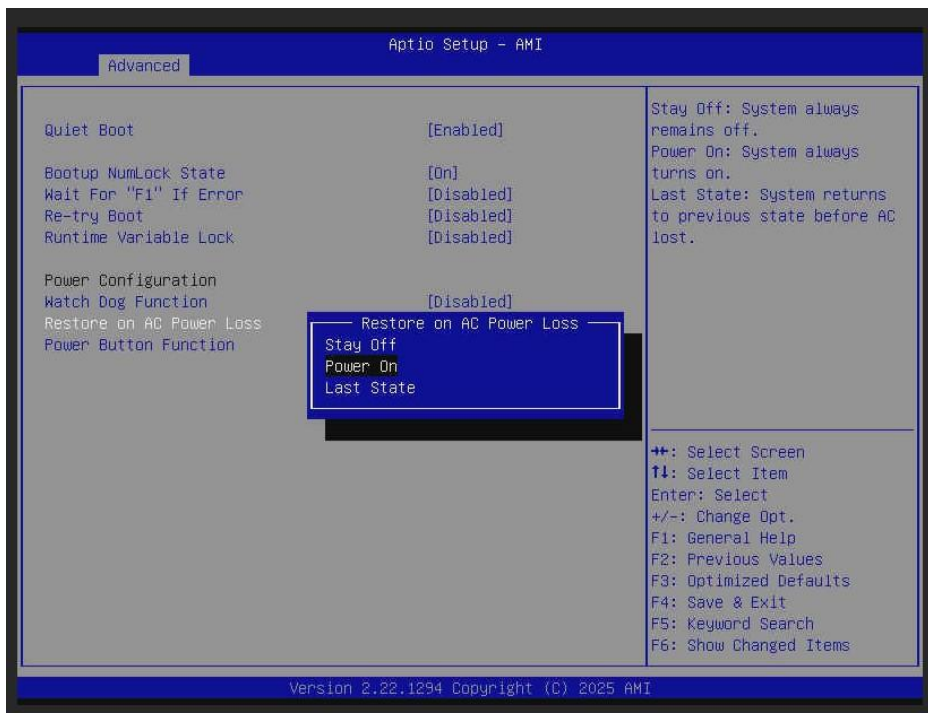


Figure 61

2.23 Click scape to exit the ADVANCE menu and move to the BOOT option menu. And scroll down to the option DELETE BOOT OPTION.

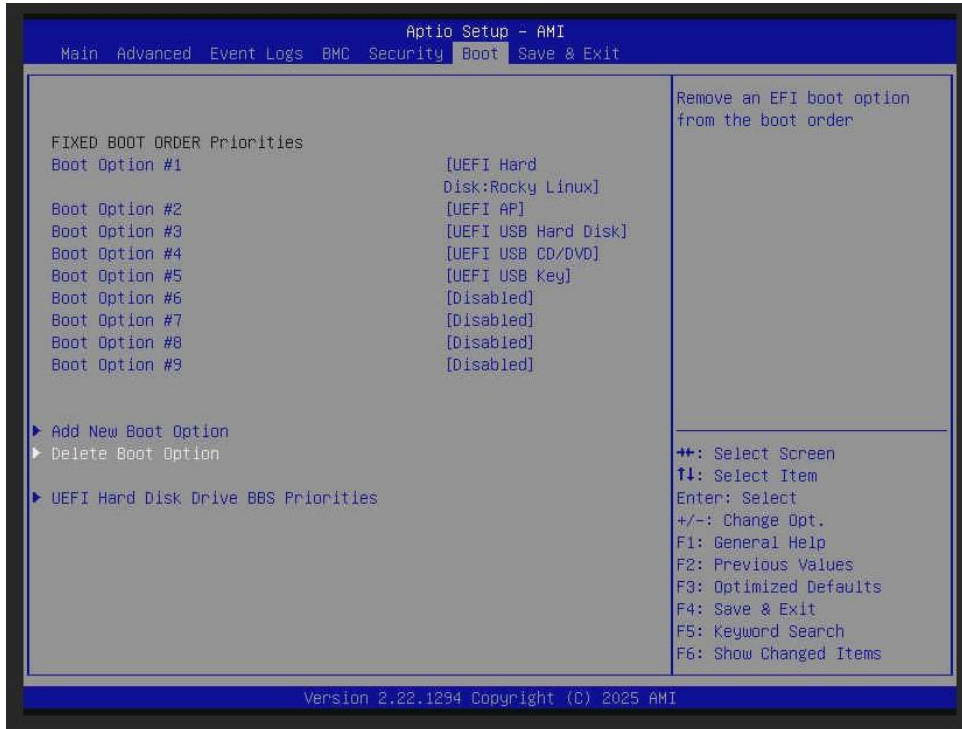


Figure 62

3.5 At this step you much select every single option that you observed that reference USB. All of the USB option MUST be DISABLE.

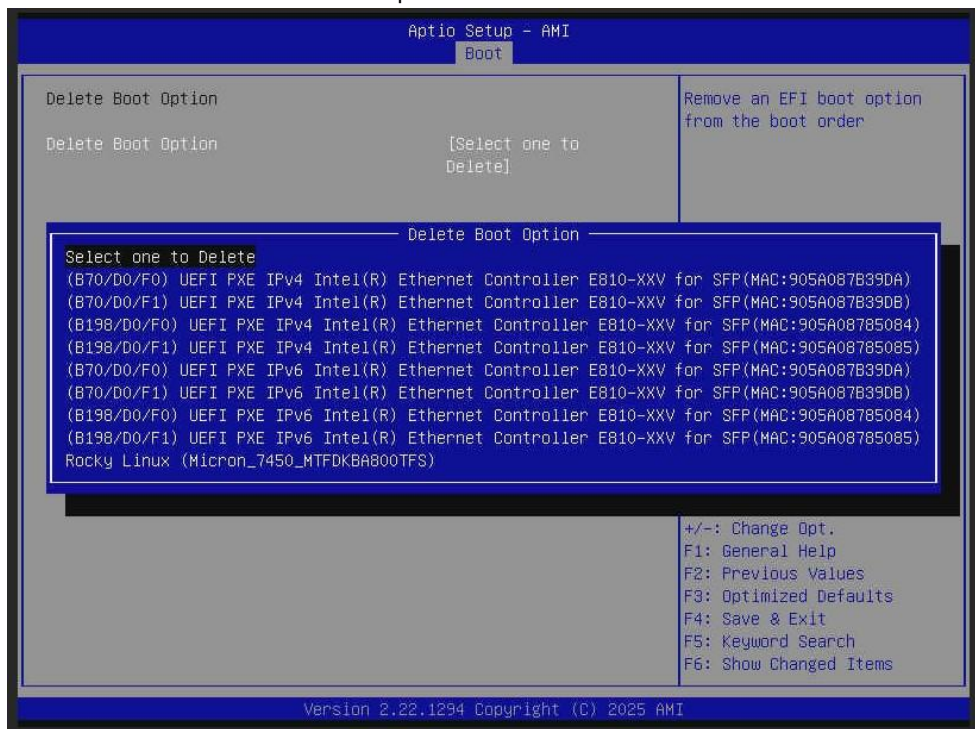


Figure 63

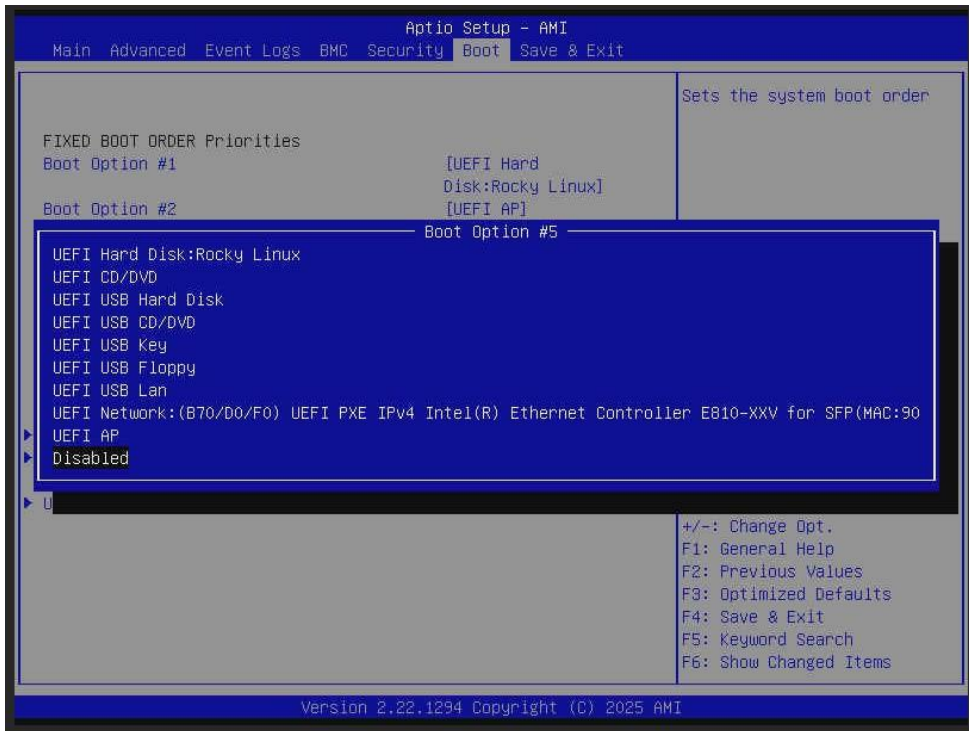


Figure 64

3.6 Once all the USB option has been disble. You can click ESC and exit to the BOOT menu.

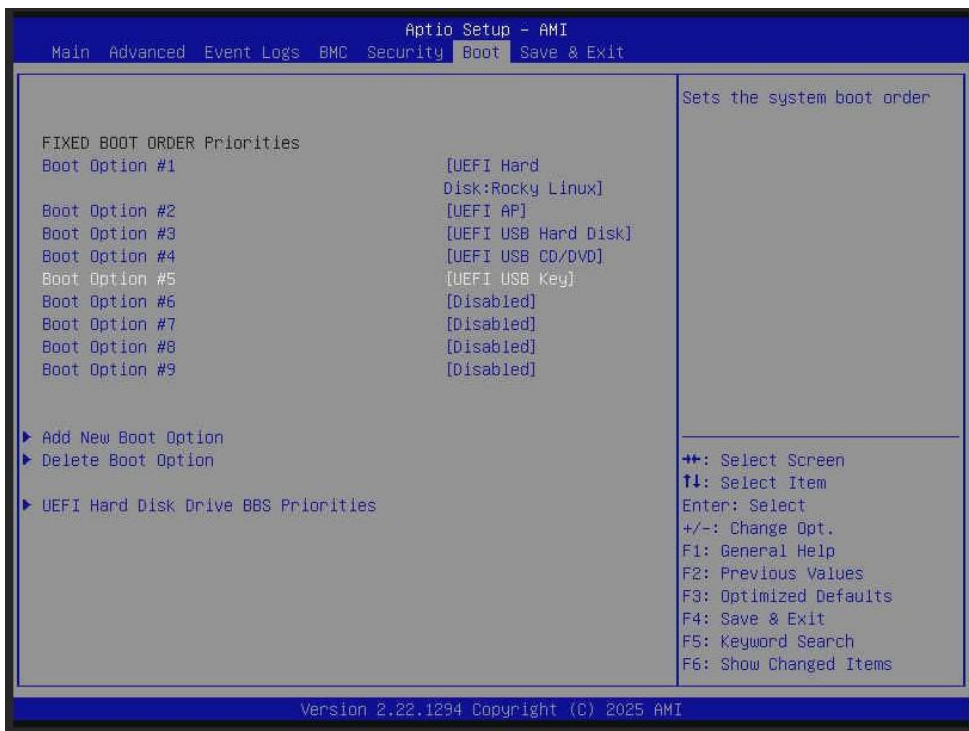


Figure 65

3.7 Then go to the SECURITY MENU and scroll down to set up the ADMINISTRATOR PASSWORD.

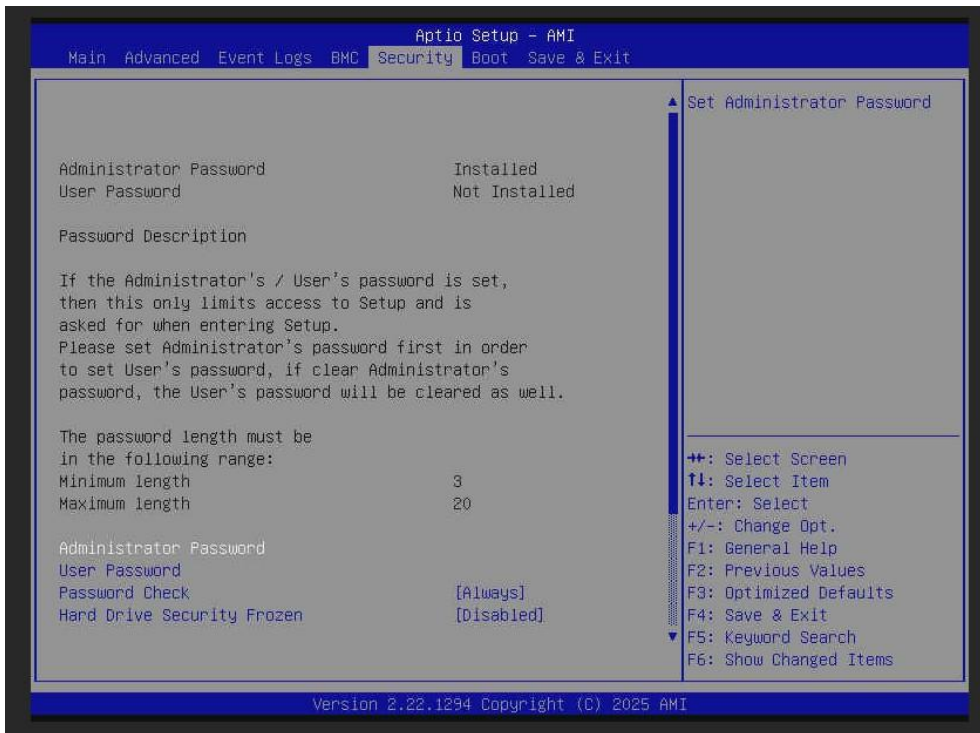


Figure 66

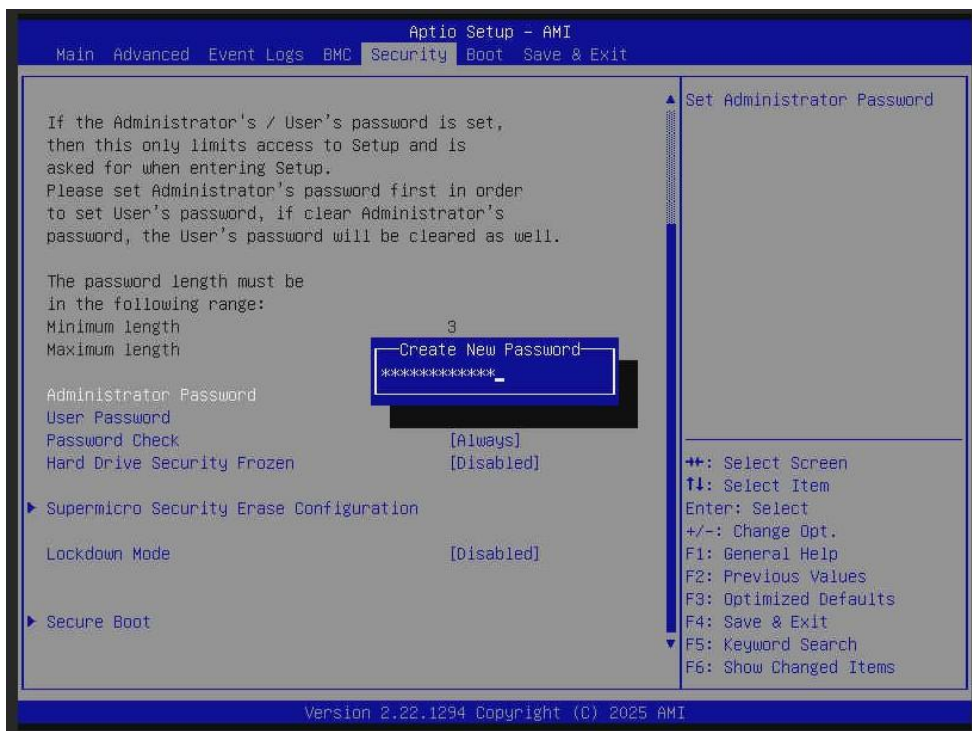


Figure 67

3.8 After setting the ADMINISTRATOR PASSWORD, scroll down to the SECURE BOOT option.

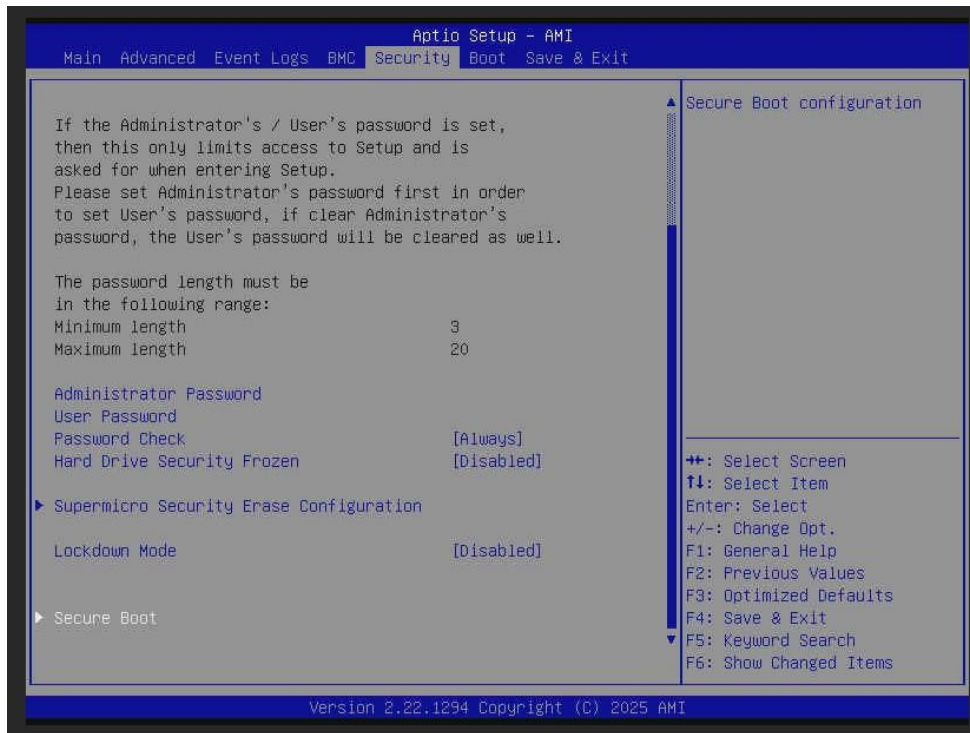


Figure 68

3.9 In the PASSWORD CHECK option click and select ALWAYS.

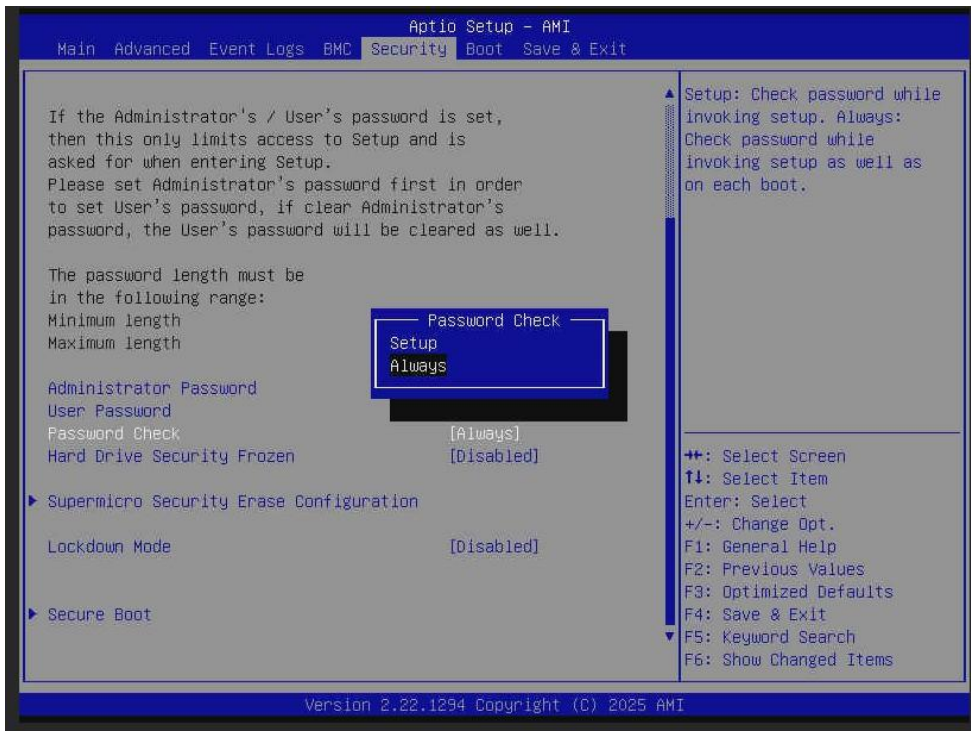


Figure 69

3.10 In the SECURE BOOT option enable SECURE BOOT.

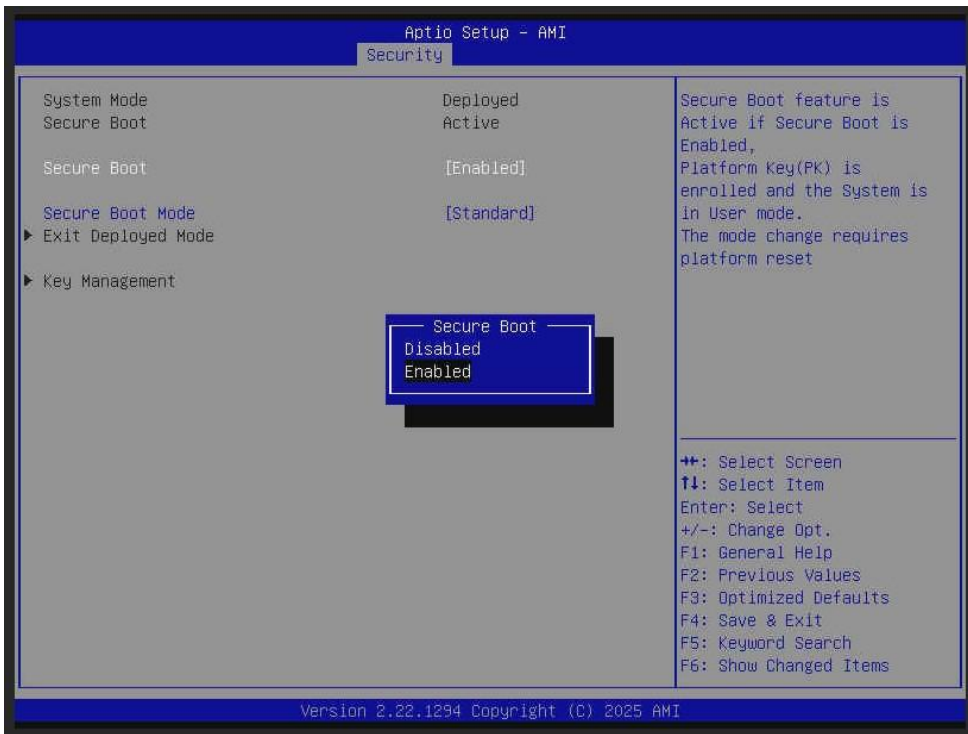


Figure 70

3.11 For the SECURE BOOT MODE select the STANDARD option.

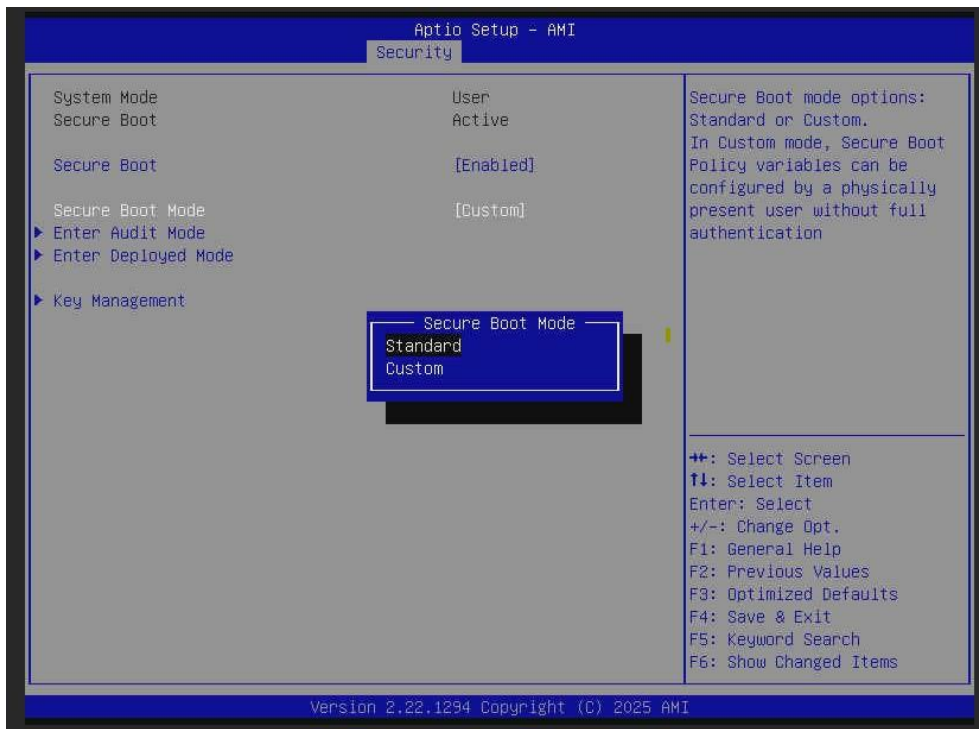


Figure 71

3.12 After completing all the configuration click in the SAVE & EXIT. Then scroll down to SAVE CHANGES AND RESET.

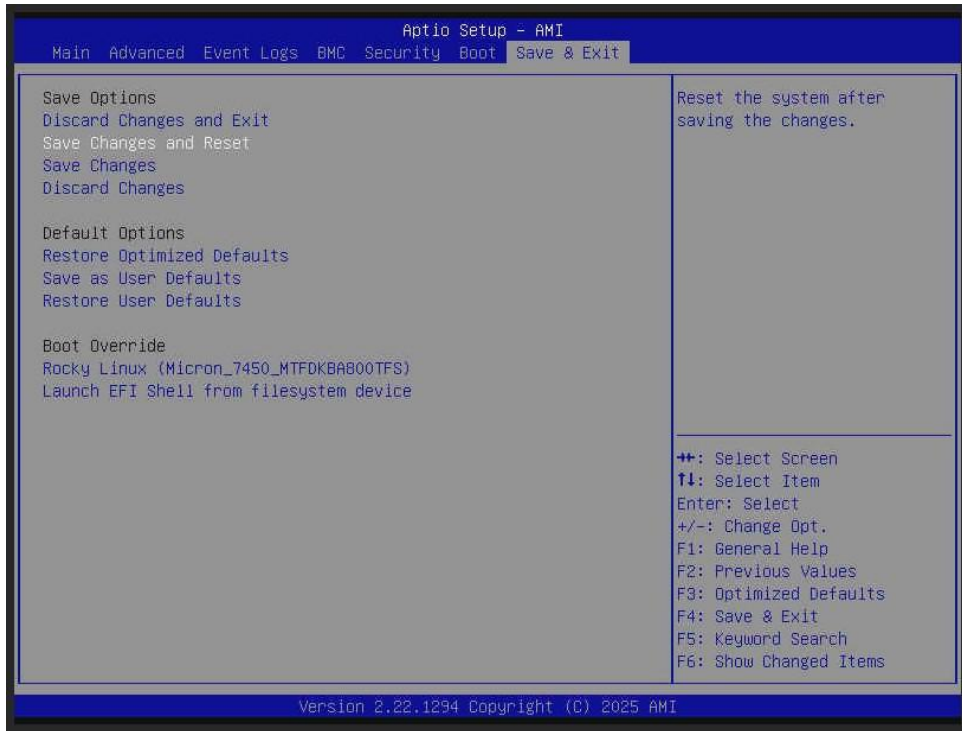


Figure 72

4. How to configure BMC remote access.

4.1 In the BIOS menu (Image 56). With the use of the arrow keys go to the BMC option (¡Error! No se encuentra el origen de la referencia.).

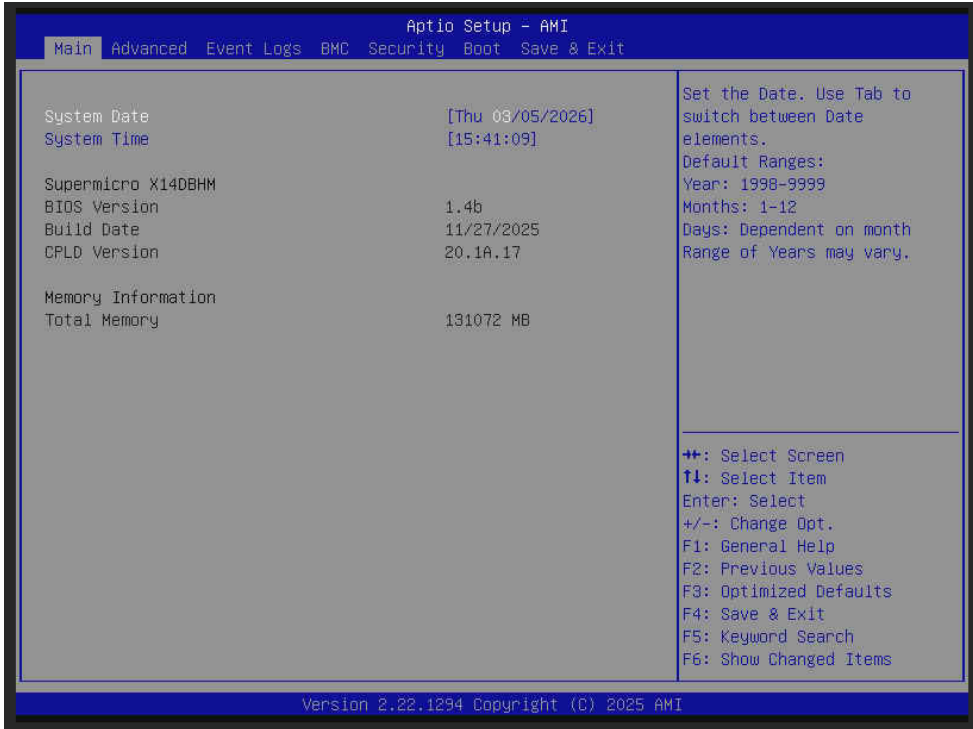


Figure 73

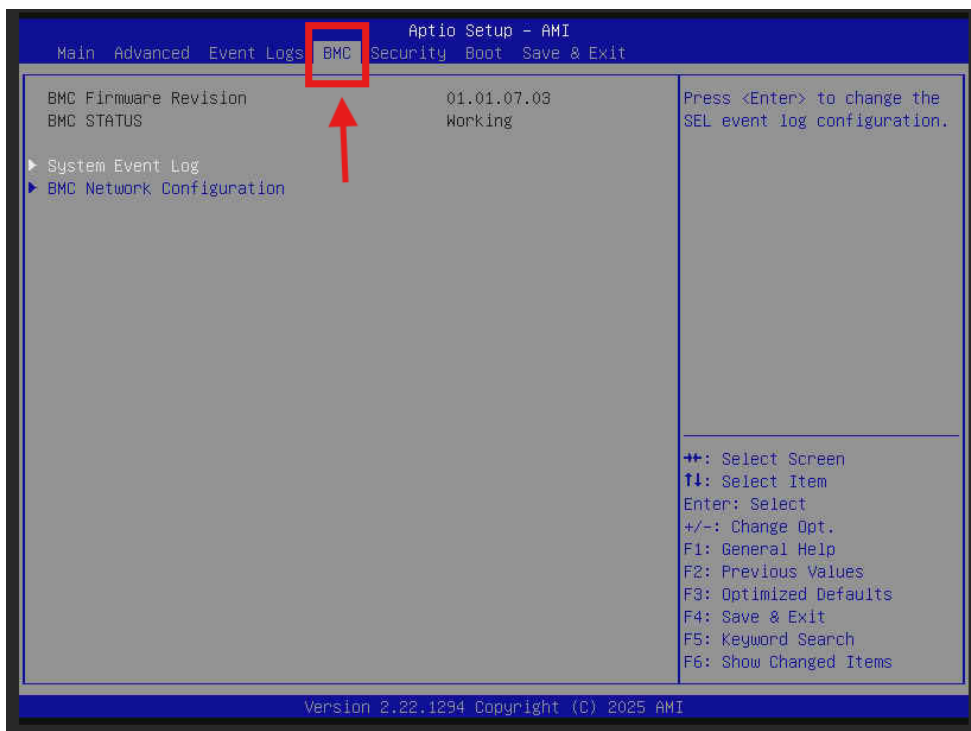


Figure 74

4.2 Go down to the BMC NETWORK CONFIGURATION and press the key **ENTER**

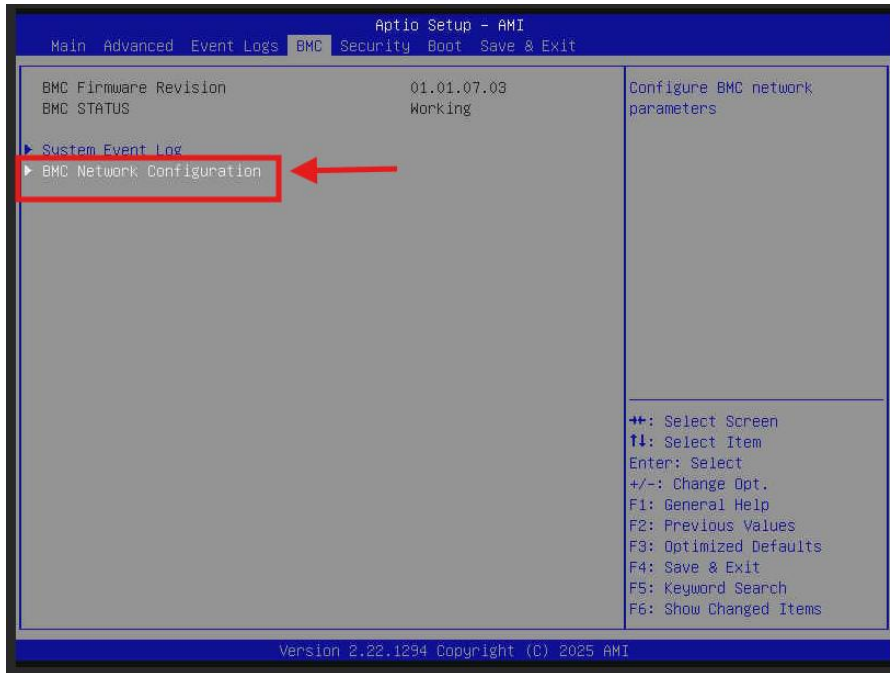


Figure 75

4.3 In the page for the BMC Network (Image 60). Press enter **ENTER** and in the window to UPDATE BMC LAN CONFIGURATION la opcion de YES (¡Error! No se encuentra el origen de la referencia.1).

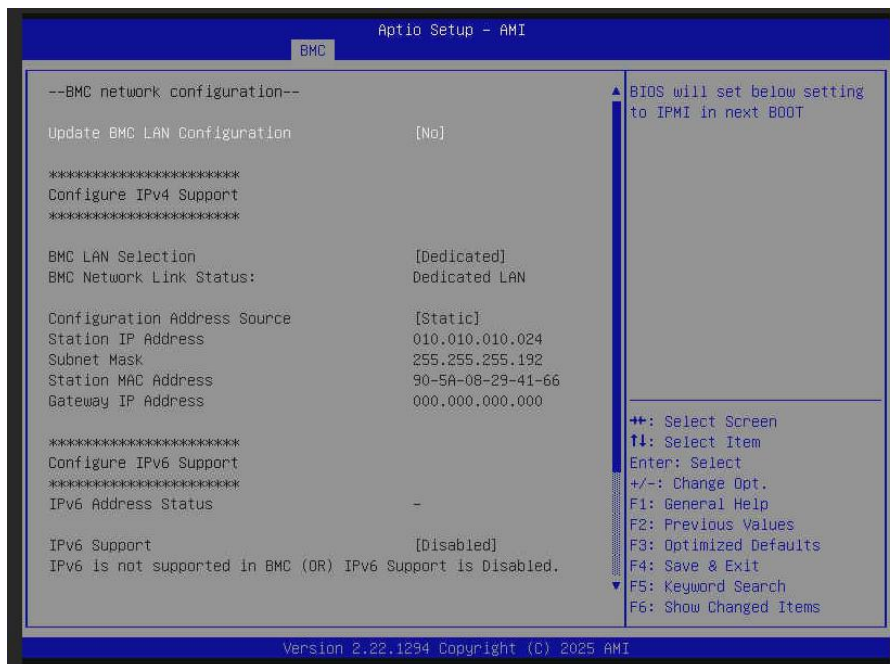


Figure 76

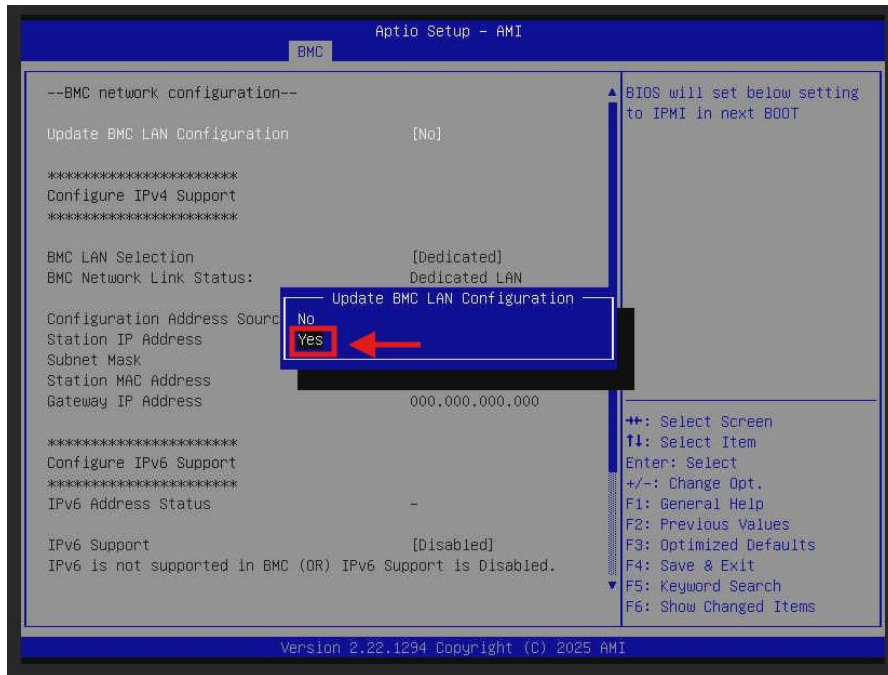


Figure 77

4.4 Go down to the menú option CONFIGURATION ADDRESS SOURCE and press ENTER.

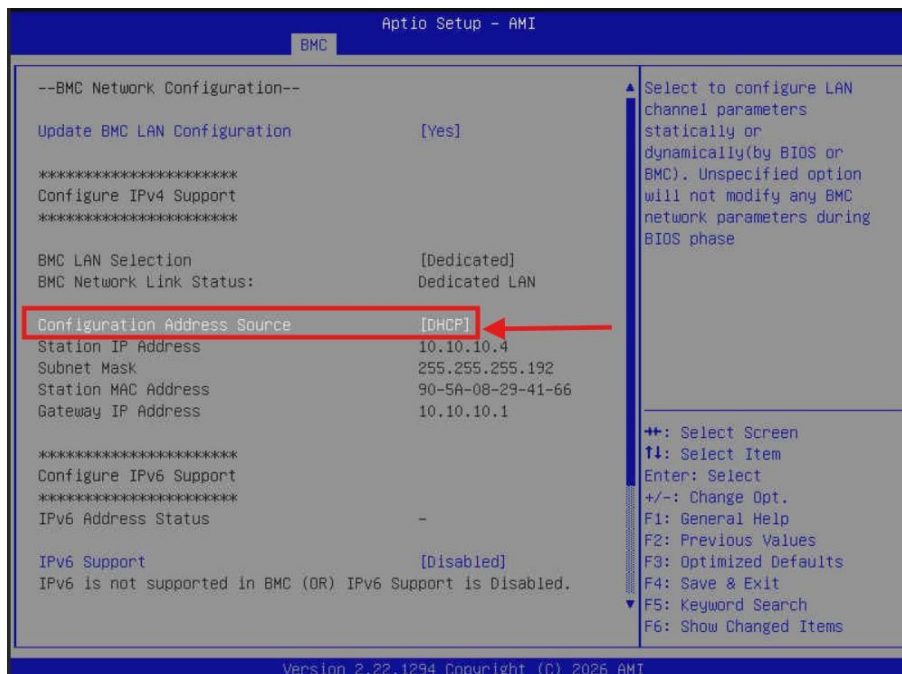


Figure 78

4.5 When the option window opens select the **STATIC** options and press **ENTER**.

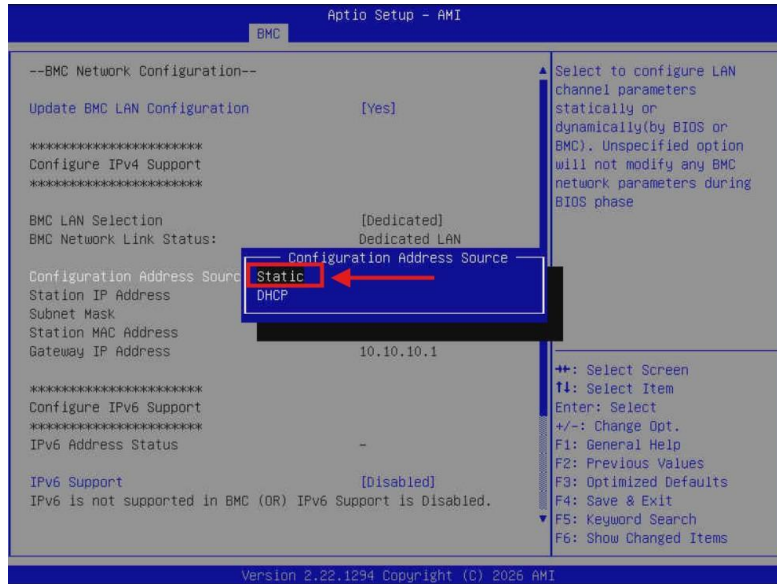


Figure 79

4.6 Go down to the option **STATIC IP ADDRESS** and press **ENTER**. Type the ip address to be assign and press **ENTER** again, then go down to the option **SUBNET MASK** and press **ENTER** and type the subnet mask assigned. Press **ENTER** again.

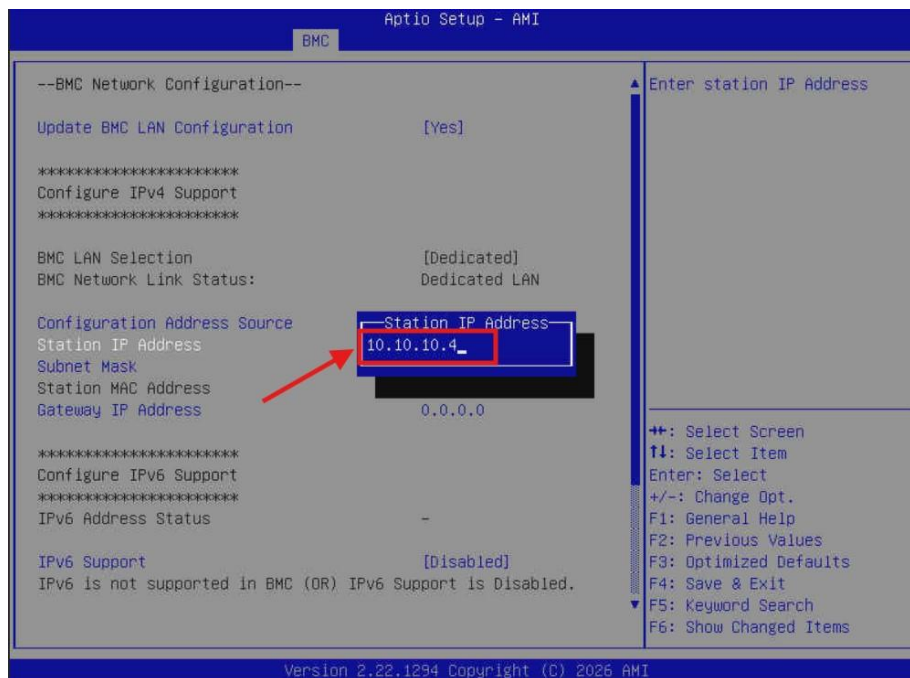


Figure 80

4.7 Now to save the configuration press the **F4** key and select the option YES.

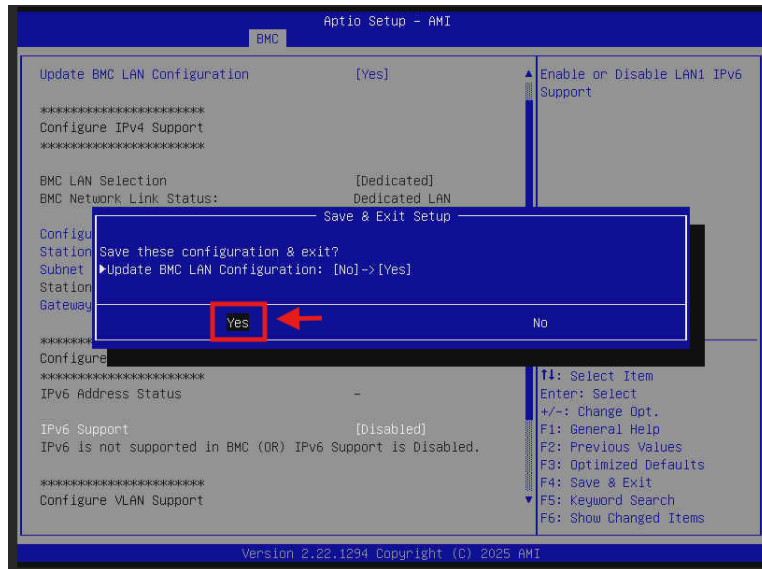


Figure 81