
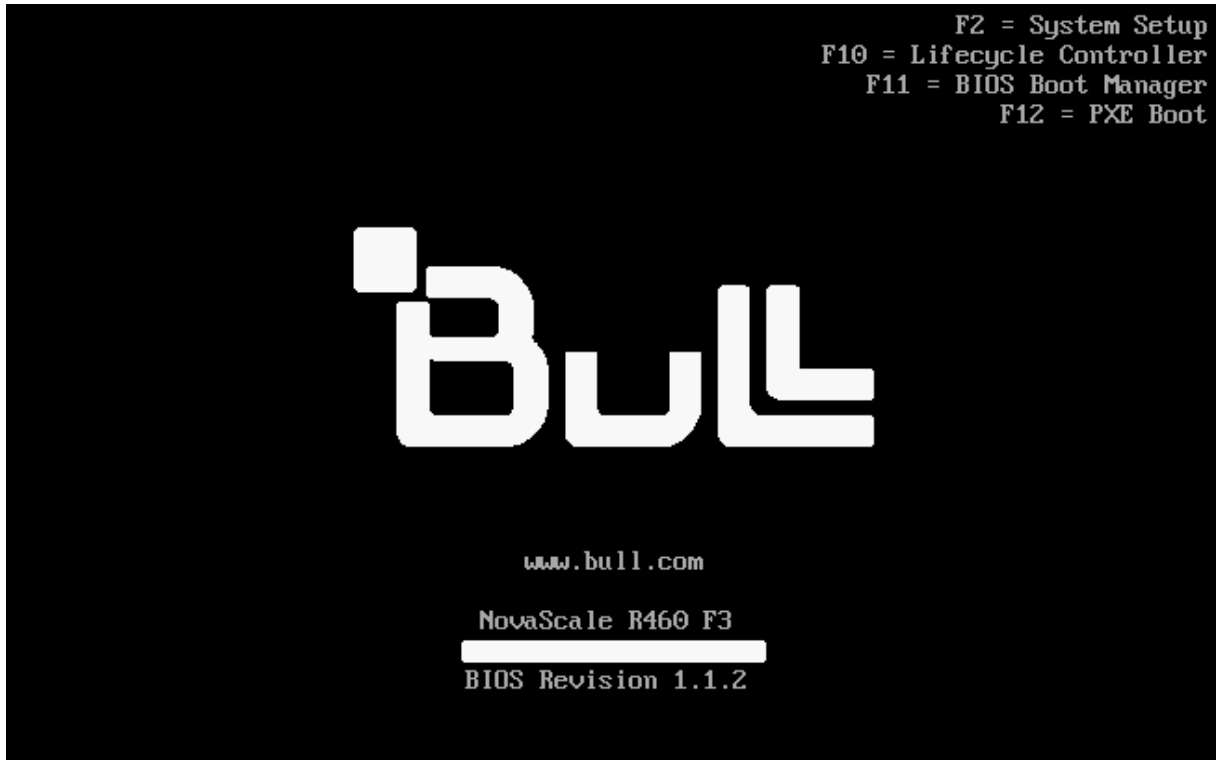


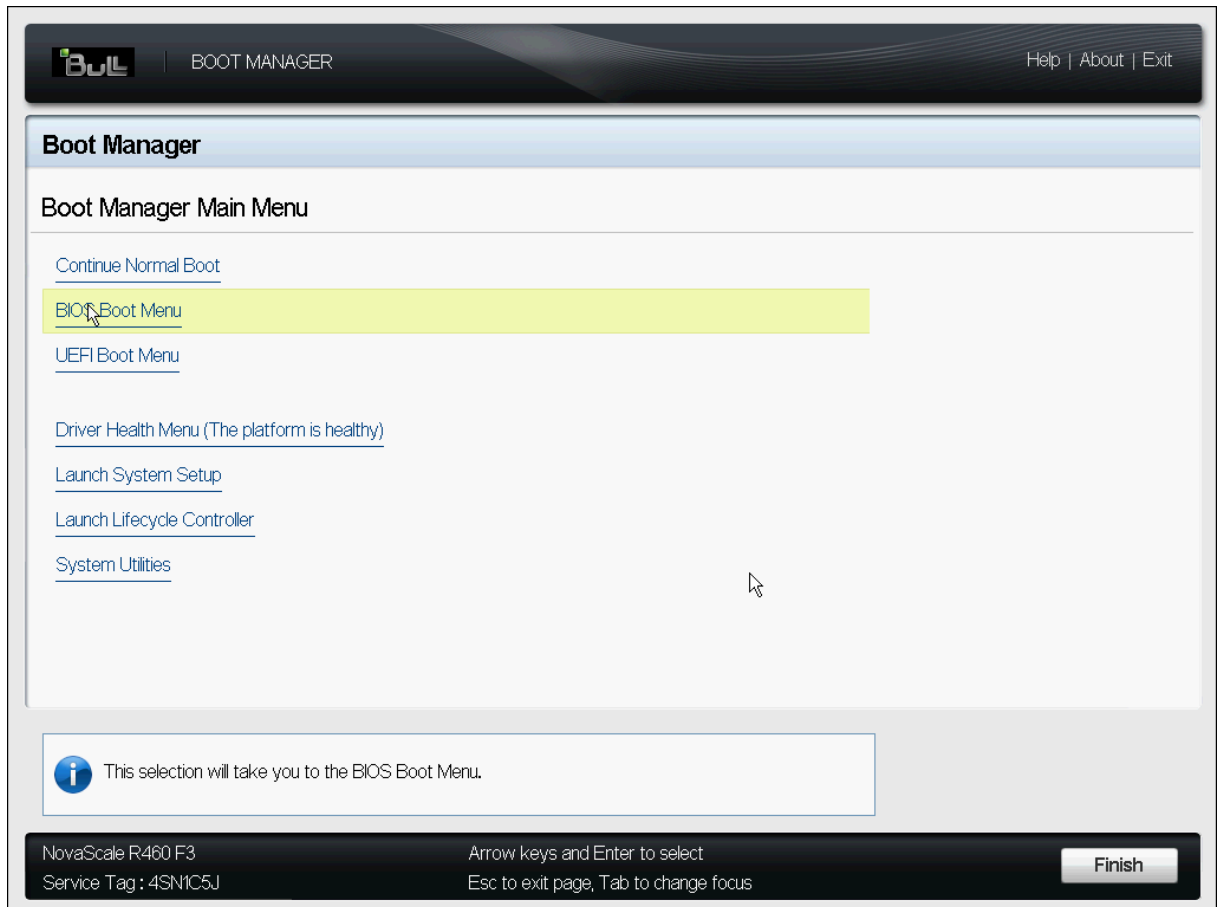
Doc. Reference : CL-BS-01-1-EN	NovaScale F3 Series How To	
Product :	NovaScale F3 Series	Issued : June 27, 2012
Subject :	BIOS update using an USB stick.	
Abstract :	This note explains all the steps to update the servers BIOS using a bootable USB stick.	



1. Download the BIOS bootable USB stick maker tool from the Bull Support Web site, and run it to create BIOS bootable USB stick, be careful, all the data contained in the USB stick will be deleted due the fact that the stick have to be formatted .
2. Power off the system.
3. Insert the BIOS bootable USB stick in an server USB connector.
4. Power on the system.
5. When the following screen is displayed, press the “F11” key.



- Wait until the following window appears, then click on “**BIOS Boot Menu**”.



7. Then, the “[BIOS Boot Manager](#)” is displayed, go to “[Hard drive C:](#)” using the “[Down Arrow](#)” key and select the USB stick, as shown below.

```
===== BIOS Boot Manager =====
* Normal
* Integrated NIC 1 IBA GE Slot 0100 v1376
* Hard drive C:
* TSSTc
* Virtu
  * Integrated RAID PERC H710 Mini(bus 02 dev 00)
  * SD Card: Internal Dual SD
  * Virtual Floppy
Use Up/Do
Use Enter
```

8. The “[BIOS flash update utility](#)” is automatically loaded.

```
Loading BIOS flash update utility. This may take a few minutes. Please wait...
66% loaded...
```

9. As is requested, press any key to continue.

```
Flash BIOS Update Program - Version 1.1.2

Verifying system configuration.
ROM file digital signature is valid.
Checking ROM file...
ROM file CRC-32 is correct.
Press any key to continue.
```

10. Press the "Y" key to continue.

```
Flash BIOS Update Program - Version 1.1.2

Verifying system configuration.
ROM file digital signature is valid.
Checking ROM file...
ROM file CRC-32 is correct.
Press any key to continue.

About to replace Bull SAS - NovaScale R460 F3 BIOS.
Press 'Y' to replace "1.1.2" BIOS with "1.1.2" BIOS. █
```

11. In the case where the BIOS version installed in the system is equal to the one contained in the bootable USB stick, the following screen is displayed, press the "C" key to continue.

```
Flash BIOS Update Program - Version 1.1.2

Verifying system configuration.
ROM file digital signature is valid.
Checking ROM file...
ROM file CRC-32 is correct.
Press any key to continue.

About to replace Bull SAS - NovaScale R460 F3 BIOS.
Press 'Y' to replace "1.1.2" BIOS with "1.1.2" BIOS.

Flash contents already the same.
Upgrade will have no effect.
Press 'C' to continue anyway. █
```

12. The BIOS flash starts.

```
Flash BIOS Update Program - Version 1.1.2

Verifying system configuration.
ROM file digital signature is valid.
Checking ROM file...
ROM file CRC-32 is correct.
Press any key to continue.

About to replace Bull SAS - NovaScale R460 F3 BIOS.
Press 'Y' to replace "1.1.2" BIOS with "1.1.2" BIOS.

Flash contents already the same.
Upgrade will have no effect.
Press 'C' to continue anyway.

Update will take several minutes. Please wait...
```

13. Wait until BIOS flash finishes.

```
Flash BIOS Update Program - Version 1.1.2

Verifying system configuration.
ROM file digital signature is valid.
Checking ROM file...
ROM file CRC-32 is correct.
Press any key to continue.

About to replace Bull SAS - NovaScale R460 F3 BIOS.
Press 'Y' to replace "1.1.2" BIOS with "1.1.2" BIOS.

Flash contents already the same.
Upgrade will have no effect.
Press 'C' to continue anyway.

Update will take several minutes. Please wait...

Comparing Flash..... 100%
```

14. The BIOS flash is finished, to load the new BIOS the system needs to be restarted, press any key for that.

```
Flash BIOS Update Program - Version 1.1.2

Verifying system configuration.
ROM file digital signature is valid.
Checking ROM file...
ROM file CRC-32 is correct.
Press any key to continue.

About to replace Bull SAS - NovaScale R460 F3 BIOS.
Press 'Y' to replace "1.1.2" BIOS with "1.1.2" BIOS.

Flash contents already the same.
Upgrade will have no effect.
Press 'C' to continue anyway.

Update will take several minutes. Please wait...

Comparing Flash..... 100%

Done! -- Press any key to reboot.
Note : System will power off for a few seconds and then restart. █
```

15. Verify if the BIOS version is the good one in the following screen.



End Procedure.