Upgrading BIOS on WRR servers

- 1. Create bootable USB flash drive
 - a. Insert USB to your computer, download and run rufus-3.5.exe software: http://65.51.147.178:5000/sharing/vugylYu7J
 - b. Download updated BIOS v2.3 by accessing following link: http://65.51.147.178:5000/sharing/0pnxEn6yO
 - c. Select your USB drive and under Boot selection choose Disk or ISO image
 - d. Click on SELECT and brows to previously downloaded BIOS iso (199464.iso) then click on start button

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- 2. Insert bootable USB to the WRR
- 3. Boot up your WRR server and keep pressing "Delete or F11" button to enter BIOS
 - a. In the BIOS navigate to Boot option and change "Boot Mode Select" to Legacy
 - b. Press F4 to save and exit
 - c. WRR should boot up to DOS prompt
 - d. NOTE: WRR will reboot and start updating BIOS please wait 5-8min until you see message: WARNING: System must power-off to have the changes take effect!

- e. Remove USB flash drive and power cycle WRR. Please note that unit may reboot twice during this process
- 4. If the unit doesn't boot up to Windows OS please access the BIOS again by pressing "Delete or F11" button. Enter Boot menu and set Boot Mode Select [UEFI]

Aptio Setup Utility – Copyright (C) 2017 American Megatrends, Inc. Main Advanced Event Logs Security <mark>Boot</mark> Save & Exit				
Boot Configuration		Select which boot device		
Boot Mode Select	[UEFI]	ORDER Priorities.		
FIXED BOOT ORDER Priorities				
UEFI Boot Order #1	[UEFI Hard Disk]			
UEFI Boot Order #2	[Disabled]			
UEFI Boot Order #3	[Disabled]			
UEFI Boot Order #4	[Disabled]			
UEFI Boot Order #5	[Disabled]			
UEFI Boot Order #6	[Disabled]			
UEFI Boot Order #7	[Disabled]			
UEFI Boot Order #8	[Disabled]			
▶ Add New Boot Option				
Delete Boot Option				
		↔: Select Screen		
UEFI Hard Disk Drive BBS Priorities		f↓: Select Item		
UEFI Application Boot Priorities		Enter: Select		
		+/-: Change Opt.		
		F1: General Help		
		F2: Previous Values		
		F3: Optimized Defaults		
		F4: Save & Exit		
		ESC: Exit		
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5. After you hit enter on UEFI Hard Disk Drive BBS Priorities, you'll see the option for Windows Boot Manager



6. Hit Esc and you'll notice that the UEFI Boot Order <u>#1</u> now says UEFI Hard Disk:Wi... indicating it recognizes the Windows boot drive

Aptio Setup Utility – Copyright (C) 2017 American Megatrends, Inc. Main Advanced Event Logs Security <mark>Boot</mark> Save & Exit				
Boot Configuration	a the second pro-	Specifies the Boot Device Priority sequence from		
Boot Mode Select	[UEFI]	available UEFI Hard Disk Drives.		
FIXED BOOT ORDER Priorities				
UEFI Boot Order #1	[UEFI Hard Disk:Wi]			
UEFI Boot Order #2	[Disabled]	and the second se		
UEFI Boot Order #3	[Disabled]			
UEFI Boot Order #4	[Disabled]			
UEFI Boot Order #5	[Disabled]			
UEFI Boot Order #6	[Disabled]			
UEFI Boot Order #7	[Disabled]			
UEFI Boot Order #8	[Disabled]			
▶ Add New Boot Option				
Delete Boot Option				
		↔: Select Screen		
UEFI Hard Disk Drive BBS Priorities		t↓: Select Item		
UEFI Application Boot Priorities		Enter: Select		
		+/-: Change Opt.		
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		F4: Save & Exit		
		ESC: EXIT		
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7. Press F4 and confirm. After WRR reboots Operating system should start and UEFI priority option will be saved in the BIOS