



Bug Fixes History

Ref #	Issue
3906500	<p>Description: Using the header <code>connection: close</code> in a Redfish request terminates the <code>x-auth-token</code> session</p> <p>Fixed in version: 24.07</p>
3875280	<p>Description: UUID and SKU properties are intermittently unavailable after BlueField BMC reboot.</p> <p>Fixed in version: 24.07</p>
3888140	<p>Description: When warm rebooting the BlueField OS, the IPMB channel between the BlueField and BlueField BMC may fail to function due to underlying I2C channel issues. If this occurs, all functionality relying on this channel are affected, including:</p> <ul style="list-style-type: none"> • IPMI commands from the BlueField OS to the BlueField BMC and vice versa • Redfish BlueField inventory schema • Redfish network schema of the BlueField OOB and network interfaces • BlueField sensor information <p>Fixed in version: 24.07</p>
3878990	<p>Description: The BMC may provide incorrect bootstrap credentials to the UEFI. This results in the failure of any BIOS configurations.</p> <p>Fixed in version: 24.07</p>
3855648	<p>Description: The manager factory reset action is named <code>ResetToDefaults</code> instead of <code>ResetType</code> as per the Redfish Data Model specification.</p> <p>Fixed in version: 24.07</p>
3599016	<p>Description: After a BFB update, it takes the BMC ~30 seconds to sync with the true values from the DPU reflected in the command <code>ipmitool sensor list</code>.</p> <p>Fixed in version: 24.04</p>
3837485	<p>Description: In some instances, consecutive core dumps occur, and since extracting the NIC debug log is a lengthy operation, this could result in log mismatch and inaccurate information.</p> <p>Fixed in version: 24.04</p>
3780	<p>Description: Add bad syndrome pipe also in dynamic mode.</p>

Ref #	Issue
188	Fixed in version: 24.04
363470	Description: In the Redfish <code>Systems/Bluefield</code> schema, the <code>Description</code> attribute is of a generic type and does not specify the DPU system.
1	Fixed in version: 24.04
366241	Description: The BMC may provide incorrect bootstrap credentials to the UEFI. This would result in the failure of any BIOS configurations.
7	Fixed in version: 24.01
371552	Description: The <code>TransferProtocol@Redfish.AllowableValues</code> under the <code>simpleUpdate</code> service is held in a double list, deviating from the DMTF definition.
8	Fixed in version: 24.01
356167	Description: It is not possible to modify the values of the <code>BootOrder</code> , <code>BootOverride</code> , and <code>Secure Boot</code> attributes from the UEFI menu because they are set by default to be configured from Redfish interface.
7	Fixed in version: 23.09
3566036	Description: After performing BF BMC factory reset, the <code>/home/root/.ssh</code> directory is deleted which causes the first attempt to confirm the host identity and initiate a BFB update procedure to fail while displaying the error message: <div style="border: 1px solid gray; padding: 5px; margin-top: 10px;"> <p>"Host is unknown"</p> </div>
	Fixed in version: 23.09
3587968	Description: VLAN 4040 serves as a dedicated VLAN for facilitating Redfish communication between UEFI and DPU BMC. However, if the OOB RJ45 port is connected to an unmanaged switch or hub, the VLAN traffic from VLAN 4040 may spill over into the broader LAN network which may lead the local UEFI to unintentionally communicate with a remote BMC instead of the intended local BMC.
	Fixed in version: 23.09
347879	Description: Rarely, it is possible for the BMC to exceed the boot timeout set by the root of trust. In such case, the RoT initiates a second reboot of the BMC, which is expected to result in a successful boot.
6	Fixed in version: 23.09

Ref #	Issue
3604148	<p>Description: In the uncommon scenario where, following a system power cycle, the DPU fails to boot successfully, the BMC would be unable to retrieve network data from the DPU's operating system. This leads to an absence of information in the Redfish chassis schema, which is responsible for describing the network adapters.</p> <p>Fixed in version: 23.09</p>
360004	<p>Description: Description: In dual-port DPU, the DPU's Redfish schema, specifically the "chassis NetworkAdapters", will replicate the data from port 1 into port 2.</p> <p>Fixed in version: 23.09</p>
3560559	<p>Description: If the DPU OS's OOB interface is disabled, it may lead to an issue that results in the DPU BMC losing network connectivity. This problem arises when the UEFI enables the OOB port (e.g., PXE, Redfish), but the OS does not load the necessary services and OOB kernel driver. In this scenario, the physical link remains active despite the OS driver not functioning, causing the hardware queue to become filled. Consequently, flow control pause packets are sent to the onboard 3-port switch, which may eventually lead to the DPU BMC losing its network connectivity.</p> <p>Fixed in version: 23.09</p>
N/A	<p>Description: If the NIC BMC boots with non-default network configuration under <code>/run/initramfs/rw/cow/etc/systemd/network/*</code>, then the dedicated VLAN 4040 which supports the Redfish host interface with the UEFI BIOS device is not created.</p> <p>Fixed in version: 23.09</p>
3554128	<p>Description: <code>dmidecode</code> output does not match "<code>ipmitool fru print</code>" output.</p> <p>Fixed in version: 23.07</p>
2930671	<p>Description: A power cycle of the system might result in BMC MAC change.</p> <p>Fixed in version: 2.8.2-34</p>
3444360	<p>Description: IPMI LAN print does not work in stateful DHCPv6.</p> <p>Fixed in version: 2.8.2</p>

Ref #	Issue
200767989	Description: SOL console receives a garbage message when it is connected. Fixed in version: 2.8.2
200748177	Description: PXE boot via OOB interface enters grub mode when cold rebooting the x86 host against BFB version 3.7.0. Fixed in version: 2.8.2

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