



## **Table of Common Redfish Commands**

Capability	Redfish	IPMItool	Supported in NIC Mode? [Y/N]
Changing the default BMC password	<a href="#">Changing default password using Redfish</a>	N/A	Yes
Changing the default UEFI password	<a href="#">Changing UEFI Password</a>	N/A	Yes
Enabling/disabling secure boot	<a href="#">Setting Secure Boot State</a>	N/A	N/A
Updating BMC firmware	<a href="#">BMC and CEC firmware update</a>	N/A	Yes
Updating BlueField BFB	<a href="#">Pushing BFB from BMC to BlueField Arm</a>	N/A	Yes
Configuring BlueField to network boot from the out-of-band interface first	<a href="#">Boot Config Using Redfish</a>	<a href="#">Boot Config Using IPMI</a>	N/A
Resetting BlueField	<a href="#">Reset control</a>	<a href="#">Reset control</a>	Partial
Resetting BlueField BMC	<a href="#">Reset control using Redfish</a>	<a href="#">Reset control using IPMI</a>	Yes
Factory reset	<a href="#">Factory Reset Redfish Command</a>	<a href="#">Factory Reset IPMI Command</a>	Yes
Getting BlueField versions	<a href="#">System inventory</a>	N/A	No
Getting BlueField BMC versions	<a href="#">Retrieving BMC version using Redfish</a>	<a href="#">Retrieving BMC version using IPMI command</a>	Yes
Getting high-speed ports MAC addresses for mapping BlueField's Ethernet devices	<a href="#">Chassis Card1 NetworkAdapters</a>	<a href="#">List of IPMI Supported FRUs</a>	No
BlueField monitoring (SEL, FRU, etc.)	<a href="#">Monitoring</a>	<a href="#">Monitoring</a>	No
User management	<a href="#">User management Redfish commands</a>	<a href="#">User management IPMI commands</a>	Yes

<b>Capability</b>	<b>Redfish</b>	<b>IPMItool</b>	<b>Supported in NIC Mode? [Y/N]</b>
Enabling secure boot with customer keys	<a href="#"><u>BIOS secure boot configuration</u></a>	N/A	N/A
Enabling/disabling zero-trust mode	<a href="#"><u>Disable host RShim</u></a>	<a href="#"><u>Enable/disable RShim from Host</u></a>	Yes – BlueField-3 only
Enabling RShim from BlueField BMC	<a href="#"><u>Enable RShim on BlueField BMC</u></a>	<a href="#"><u>Enable RShim</u></a>	Yes
Changing BlueField mode	<a href="#"><u>Redfish NIC Subsystem Management</u></a>	<a href="#"><u>Setting operation mode</u></a>	Yes – BlueField-3 only
Partial BFB update (ATF/UEFI)	<a href="#"><u>Deploying Software Using BFB</u></a>	NA	Yes

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