



Table of Common Commands

Capability	Redfish	IPMItool	Supported in NIC Mode? [Y/N]
Changing the default BMC password	Changing default password using Redfish	N/A	Yes
Changing the default UEFI password	Changing UEFI Password	N/A	Yes
Enabling/disabling secure boot	Setting Secure Boot State	N/A	N/A
Updating BMC firmware	BMC and CEC firmware update	N/A	Yes
Updating BlueField BFB	Pushing BFB from BMC to BlueField Arm	N/A	Yes
Configuring BlueField to network boot from the out-of-band interface first	Boot Config Using Redfish	Boot Config Using IPMI	N/A
Resetting BlueField	Reset control	Reset control	Partial
Resetting BlueField BMC	Reset control using Redfish	Reset control using IPMI	Yes
Factory reset	Factory Reset Redfish Command	Factory Reset IPMI Command	Yes
Getting BlueField versions	System inventory	N/A	No
Getting BlueField BMC versions	Retrieving BMC version using Redfish	Retrieving BMC version using IPMI command	Yes
Getting high-speed ports MAC addresses for mapping BlueField's Ethernet devices	Chassis Card 1 NetworkAdapters	List of IPMI Supported FRUs	No
BlueField monitoring (SEL, FRU, etc.)	Monitoring	Monitoring	No

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

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