

Platform Feature Support Matrix											
SAA (OOB & In-Band) Solution Feature  [ Group ] Command	HW & FW Compatibility										
	Without BMC										
	All platform listed in the "With BMC columns"	X12 3rd Generation Intel® Xeon® Scalable processors with Intel® C620 Series Chipsets	X12 Intel® Xeon® E-2300 Series	X13 4th/5th Generation Intel® Xeon® Scalable processors	H12 AMD EPYC	M12 AMD Ryzen™	H13 AMD EPYC H13 AMD Ryzen™	R12/R13 Ampere® Altra®	G1 CG1/C2 NVIDIA MGX™	Habana carrier board with Gaudi AI processors	X14 6th Generation Intel® Xeon® Scalable processors
[License Management ]											
ActivateProductKey	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
QueryProductKey	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CpuOnDemand	No	No	No	Yes	No	No	No	No	No	No	Yes
[ Health Management ]											
CheckOOBSupport	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
CheckAssetInfo	No	Yes	Yes	Yes	Yes in RoT	Yes in RoT	Yes	Yes	Yes	No	Yes
CheckSystemUtilization	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes
CheckSensorData	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
ServiceCalls	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes
SystemPFA	No	No	No	Yes	No	No	No	No	No	No	Yes
MemoryHealthCheck	No	No	No	Yes	No	No	No	No	No	No	Yes
ChassisIntrusion	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
AlertManage	No	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
SuperDiag	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
SendDiagInterrupt	No	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes
MonitorCDUStatus	Yes	No	No	No	No	No	No	No	No	No	No
TasManage	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes
[ System Management ]											
GetFruInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
RestoreFruInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
ChangeFruInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
GetSystemInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
GetSystemCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes

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ChangeSystemCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes
GetFanMode	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SetFanMode	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
LocateServerUid	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
[ BIOS Management ]											
GetBiosInfo	Yes for in-band No for OOB	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
UpdateBios	Yes for in-band No for OOB	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
GetDefaultBiosCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
GetCurrentBiosCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
ChangeBiosCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
LoadDefaultBiosCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
SetBiosPassword	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
GetDmiInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
ChangeDmiInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
EditDmiInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
EraseOAKey	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes
GetScpInfo	No	No	No	No	No	No	No	Yes for R12	No	No	No
UpdateScp	No	No	No	No	No	No	No	Yes for R12	No	No	No
GetFixedBootCfg	No	No	No	Yes	No	No	Yes	No	Yes	No	Yes
ChangeFixedBootCfg	No	No	No	Yes	No	No	Yes	No	Yes	No	Yes
GetBootOption	No	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes
SetBootOption	No	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes
SetHttpBoot	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes

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	Without BMC										
	All platform listed in the "With BMC columns"	X12 3rd Generation Intel® Xeon® Scalable processors with Intel® C620 Series Chipsets	X12 Intel® Xeon® E-2300 Series	X13 4th/5th Generation Intel® Xeon® Scalable processors	H12 AMD EPYC	M12 AMD Ryzen™	H13 AMD EPYC H13 AMD Ryzen™	R12/R13 Ampere® Altra®	G1 CG1/C2 NVIDIA MGX™	Habana carrier board with Gaudi AI processors	X14 6th Generation Intel® Xeon® Scalable processors
GetBiosPostCode	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
SetBiosAction	No	No	No	No	No	No	No	No	No	No	No
[ BMC Management ]											
UpdateBmc	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
GetBmcInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
GetBmcCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
ChangeBmcCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
DownloadBmcCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
UploadBmcCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
SetBmcPassword	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
GetKcsPriv	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes
SetKcsPriv	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes
LoadDefaultBmcCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
TimedBmcReset	No	No	Yes	Yes	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT	Yes	No	Yes	No	Yes
GetBmcUserList	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
SetBmcUserList	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
GetBmcLANCf	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
ChangeBmcLANCf	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
RmcpManage	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes
BootStrappingAccount	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes
GetSessionInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
BmcHostName	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ManageRHI	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes

Platform Feature Support Matrix									
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[illegible]

## Platform Feature Support Matrix

SAA (OOB & In-Band) Solution Feature  [ Group ] Command	HW & FW Compatibility										
	Without BMC										
	All platform listed in the "With BMC columns"	X12 3rd Generation Intel® Xeon® Scalable processors with Intel® C620 Series Chipsets	X12 Intel® Xeon® E-2300 Series	X13 4th/5th Generation Intel® Xeon® Scalable processors	H12 AMD EPYC	M12 AMD Ryzen™	H13 AMD EPYC H13 AMD Ryzen™	R12/R13 Ampere® Altra®	G1 CG1/C2 NVIDIA MGX™	Habana carrier board with Gaudi AI processors	X14 6th Generation Intel® Xeon® Scalable processors
UpdatePsu	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes
UpdatePsu with LCMC	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes
GetPowerStatus	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
SetPowerAction	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
DcmiManage	No	Yes	Yes	Yes	Yes (Support --type STD_DCMI only)	Yes (Support --type STD_DCMI only)	Yes (Support --type STD_DCMI only)	No	Yes (Support --type STD_DCMI only)	Yes	No
PowerPolicy	No	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes
GetAcpiPowerStatus	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
[PCIeSwitch Management]											
GetPCleSwitchInfo	No	Yes(Support X12DSC-6 only)	No	Yes (Support system with PCIe switch chipset only)	Yes(Support H12DGQ-NT6 only)	No	No	No	No	No	No
UpdatePCleSwitch	No	Yes(Support X12DSC-6 only)	No	Yes (Support system with PCIe switch chipset only)	Yes(Support H12DGQ-NT6 only)	No	No	No	No	No	No
[ Application ]											
RawCommand	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
GetUsbAccessMode	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes
SetUsbAccessMode	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes
KmsManage	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes
RedfishAPI	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
RemoteConsole	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes
Sol	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
RemoteExec	Yes for supported remote OS installed										
[ GPU Management ]											
GetGpuInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes

Platform Feature Support Matrix									
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UpdateGpu	No	Yes	Yes	Yes	Yes (Support BMC AST2600 only)	Yes	Yes	No	No	No	Yes
[ CPLD Management ]											
GetCpldInfo	No	Yes for RoT No for non-RoT	No	Yes	Yes for RoT No for non-RoT	No	Yes	No	No	Yes	Yes
UpdateCpld	No	Yes for RoT No for non-RoT	No	Yes	Yes for RoT No for non-RoT	No	Yes	No	No	Yes	Yes
GetSwitchboardCpldInfo	No	No	No	Yes for RoT No for non-RoT	No	No	Yes for RoT No for non-RoT	No	No	No	Yes for RoT No for non-RoT
UpdateSwitchboardCpld	No	No	No	Yes for RoT No for non-RoT	No	No	Yes for RoT No for non-RoT	No	No	No	Yes for RoT No for non-RoT
GetFanboardCpldInfo	No	No	No	Yes for RoT No for non-RoT	No	No	Yes for RoT No for non-RoT	No	No	No	Yes for RoT No for non-RoT
UpdateFanboardCpld	No	No	No	Yes for RoT No for non-RoT	No	No	Yes for RoT No for non-RoT	No	No	No	Yes for RoT No for non-RoT
GetBackplaneCpldInfo	No	Yes	No	Yes	Yes	No	Yes	No	No	No	Yes
UpdateBackplaneCpld	No	Yes	No	Yes	Yes	No	Yes	No	No	No	Yes
GetAipCpldInfo	No	No	No	No	No	No	No	No	No	Yes	No
UpdateAipCpld	No	No	No	No	No	No	No	No	No	Yes	No
GetAomboardCpldInfo	No	No	No	No	No	No	No	No	Yes	Yes	No
UpdateAomboardCpld	No	No	No	No	No	No	No	No	Yes	Yes	No
GetMiscCpldInfo	No	No	No	No	No	No	No	No	Yes	Yes	No
UpdateMiscCpld	No	No	No	No	No	No	No	No	Yes	Yes	No
[ NIC Management ]											
GetAocNICInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes
UpdateAocNIC <sup>1</sup>	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes
[Multi-Node Management ]											

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GetTplnfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes
ChangeTplnfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes
GetMultinodeEcInfo	No	Yes	No	Yes	No	No	No	No	No	No	Yes
UpdateMultinodeEc	No	Yes	No	Yes	No	No	No	No	No	No	Yes
[VM Management ]											
MountIsoImage	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes
UnMountIsoImage	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes
MountFloppyImage	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes
UnMountFloppyImage	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes
GetVmInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes
VmManage	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes
[NM Management ]											
NmMeManage	No	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes
GeneralNmManage	No	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes
NmCpuManage	No	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes
NmCupsManage	No	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes
[Security Management ]											
BiosRotManage	No	Yes for RoT No for non-RoT	No	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT	No	Yes	No	Yes for RoT No for non-RoT
SecureBootManage	No	No	No	Yes	No	No	Yes	No	No	No	Yes
GetLockdownMode	No	Yes	Yes	Yes	Yes (Support BMC AST2600 only)	Yes	Yes	Yes	Yes	Yes	Yes
SetLockdownMode	No	Yes	Yes	Yes	Yes (Support BMC AST2600 only)	Yes	Yes	No	Yes	Yes	Yes

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BmcRotManage	No	Yes for RoT No for non-RoT	No	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT	No	Yes	Yes	Yes for RoT No for non-RoT
Attestation	No	Yes for RoT2.0 No for others	No	Yes for RoT No for non-RoT	No	No	Yes for RoT No for non-RoT	No	Yes	No	Yes for RoT No for non-RoT
SecureEraseDisk	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes
SecureEraseRaidHdd	No	Yes	Yes	Yes	No	No	No	No	No	No	Yes
TpmProvision	No	No	No	No	No	No	No	No	No	No	No
GetTpmInfo (SMCI OTA)	No	Yes	Yes	Yes	No	No	No	No	No	No	Yes
GetTpmInfo (Intel OTA)	No	Yes	Yes	Yes	No	No	No	No	No	No	Yes
GetTpmInfo (AMD)	No	No	No	No	Yes	Yes	Yes	No	No	No	No
TpmManage (SMCI OTA)	No	Yes	Yes	Yes	No	No	No	No	No	No	Yes
TpmManage (Intel OTA)	No	Yes	Yes	Yes	No	No	No	No	No	No	Yes
CpldRotManage	No	No	No	Yes for RoT No for non-RoT	No	No	Yes for RoT No for non-RoT	No	No	No	Yes for RoT No for non-RoT
GetCpuERoTInfo	No	No	No	No	No	No	No	No	Yes	No	No
UpdateCpuERoT	No	No	No	No	No	No	No	No	Yes	No	No
CpuERoTManage	No	No	No	No	No	No	No	No	Yes	No	No
FpgaRotManage	No	No	No	No	No	No	No	No	Yes	No	No
[FPGA Management ]											
GetMotherboardFpgaInfo	No	No	No	No	No	No	No	No	Yes	No	No
UpdateMotherboardFpga	No	No	No	No	No	No	No	No	Yes	No	No

NOTE	
1	Please refer to Tab "NIC Chipset"



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[License Management ]												
ActivateProductKey	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
QueryProductKey	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CpuOnDemand	No	No	No	Yes	No	No	No	No	No	No	Yes	No
[ Health Management ]												
CheckOOBSupport	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
CheckAssetInfo	No	Yes	Yes	Yes	Yes in RoT	Yes in RoT	Yes	Yes	Yes	No	Yes	Yes
CheckSystemUtilization	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
CheckSensorData	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
ServiceCalls	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes
SystemPFA	No	No	No	Yes	No	No	No	No	No	No	Yes	No
MemoryHealthCheck	No	No	No	Yes	No	No	No	No	No	No	Yes	No
ChassisIntrusion	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
AlertManage	No	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes
SuperDiag	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
SendDiagInterrupt	No	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes	No
MonitorCDUStatus	Yes	No	No	No	No	No	No	No	No	No	No	No
TasManage	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes
[ System Management ]												
GetFruInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
RestoreFruInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
ChangeFruInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
GetSystemInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
GetSystemCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes

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ChangeSystemCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes
GetFanMode	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SetFanMode	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
LocateServerUid	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
[ BIOS Management ]												
GetBiosInfo	Yes for in-band No for OOB	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
UpdateBios	Yes for in-band No for OOB	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
GetDefaultBiosCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
GetCurrentBiosCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
ChangeBiosCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
LoadDefaultBiosCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
SetBiosPassword	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
GetDmiInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
ChangeDmiInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
EditDmiInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
EraseOAKey	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
GetScpInfo	No	No	No	No	No	No	No	Yes for R12	No	No	No	No
UpdateScp	No	No	No	No	No	No	No	Yes for R12	No	No	No	No
GetFixedBootCfg	No	No	No	Yes	No	No	Yes	No	Yes	No	Yes	Yes
ChangeFixedBootCfg	No	No	No	Yes	No	No	Yes	No	Yes	No	Yes	Yes
GetBootOption	No	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes	No
SetBootOption	No	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes	No
SetHttpBoot	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes

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GetBiosPostCode	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
SetBiosAction	No	No	No	No	No	No	No	No	No	No	No	No
[ BMC Management ]												
UpdateBmc	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
GetBmcInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
GetBmcCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
ChangeBmcCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
DownloadBmcCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
UploadBmcCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
SetBmcPassword	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
GetKcsPriv	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes
SetKcsPriv	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes
LoadDefaultBmcCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
TimedBmcReset	No	No	Yes	Yes	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT	Yes	No	Yes	No	Yes	Yes
GetBmcUserList	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
SetBmcUserList	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
GetBmcLANCfG	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
ChangeBmcLANCfG	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
RmcpManage	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes
BootStrappingAccount	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes
GetSessionInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
BmcHostName	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ManageRHI	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes

Platform Feature Support Matrix												
SAA (OOB & In-Band) Solution Feature  [ Group ] Command	HW & FW Compatibility											
	Without BMC											
	All platform listed in the "With BMC columns"	X12 3rd Generation Intel® Xeon® Scalable processors with Intel® C620 Series Chipsets	X12 Intel® Xeon® E-2300 Series	X13 4th/5th Generation Intel® Xeon® Scalable processors	H12 AMD EPYC	M12 AMD Ryzen™	H13 AMD EPYC H13 AMD Ryzen™	R12/R13 Ampere® Altra®	G1 CG1/C2 NVIDIA MGX™	Habana carrier board with Gaudi AI processors	X14 6th Generation Intel® Xeon® Scalable processors	H14 AMD EPYC
SnmpManage	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
BmcWatchDog	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
[ System Event Log ]												
GetEventLog	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
ClearEventLog	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
GetMaintenEventLog	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
ClearMaintenEventLog	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
GetHostDump	No	Yes	Yes (Support BMC AST2600 only)	Yes	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT	Yes	No	No	No	Yes	Yes
[ Storage Management ]												
GetRaidControllerInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
UpdateRaidController	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
GetRaidCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
ChangeRaidCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
GetSataInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
GetNvmeInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
ControlNVMe	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
GetPMemInfo	No	Yes	Yes	Yes	No	No	No	No	No	No	Yes	No
UpdatePMem	No	Yes	Yes	Yes	No	No	No	No	No	No	Yes	No
GetVROCCfg	No	Yes	Yes	Yes	No	No	No	No	No	No	Yes	No
ChangeVROCCfg	No	Yes	Yes	Yes	No	No	No	No	No	No	Yes	No
GetSmartData	No	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes	No
[ Power Management ]												
GetPsalInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes

## Platform Feature Support Matrix

SAA (OOB & In-Band) Solution Feature  [ Group ] Command	HW & FW Compatibility											
	Without BMC											
	All platform listed in the "With BMC columns"	X12 3rd Generation Intel® Xeon® Scalable processors with Intel® C620 Series Chipsets	X12 Intel® Xeon® E-2300 Series	X13 4th/5th Generation Intel® Xeon® Scalable processors	H12 AMD EPYC	M12 AMD Ryzen™	H13 AMD EPYC H13 AMD Ryzen™	R12/R13 Ampere® Altra®	G1 CG1/C2 NVIDIA MGX™	Habana carrier board with Gaudi AI processors	X14 6th Generation Intel® Xeon® Scalable processors	H14 AMD EPYC
UpdatePsu	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes
UpdatePsu with LCMC	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes
GetPowerStatus	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
SetPowerAction	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
DcmiManage	No	Yes	Yes	Yes	Yes (Support --type STD_DCMI only)	Yes (Support --type STD_DCMI only)	Yes (Support --type STD_DCMI only)	No	Yes (Support --type STD_DCMI only)	Yes	No	No
PowerPolicy	No	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	No
GetAcpiPowerStatus	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
[PCIeSwitch Management]												
GetPCleSwitchInfo	No	Yes(Support X12DSC-6 only)	No	Yes (Support system with PCIe switch chipset only)	Yes(Support H12DGQ-NT6 only)	No	No	No	No	No	No	No
UpdatePCleSwitch	No	Yes(Support X12DSC-6 only)	No	Yes (Support system with PCIe switch chipset only)	Yes(Support H12DGQ-NT6 only)	No	No	No	No	No	No	No
[ Application ]												
RawCommand	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
GetUsbAccessMode	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
SetUsbAccessMode	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
KmsManage	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes
RedfishAPI	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
RemoteConsole	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes
Sol	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
RemoteExec	Yes for supported remote OS installed											
[ GPU Management ]												
GetGpuInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes

## Platform Feature Support Matrix

SAA (OOB & In-Band) Solution Feature  [ Group ] Command	HW & FW Compatibility											
	Without BMC											
	All platform listed in the “With BMC columns”	X12 3rd Generation Intel® Xeon® Scalable processors with Intel® C620 Series Chipsets	X12 Intel® Xeon® E-2300 Series	X13 4th/5th Generation Intel® Xeon® Scalable processors	H12 AMD EPYC	M12 AMD Ryzen™	H13 AMD EPYC H13 AMD Ryzen™	R12/R13 Ampere® Altra®	G1 CG1/C2 NVIDIA MGX™	Habana carrier board with Gaudi AI processors	X14 6th Generation Intel® Xeon® Scalable processors	H14 AMD EPYC
UpdateGpu	No	Yes	Yes	Yes	Yes (Support BMC AST2600 only)	Yes	Yes	No	No	No	Yes	Yes
[ CPLD Management ]												
GetCpldInfo	No	Yes for RoT No for non-RoT	No	Yes	Yes for RoT No for non-RoT	No	Yes	No	No	Yes	Yes	Yes
UpdateCpld	No	Yes for RoT No for non-RoT	No	Yes	Yes for RoT No for non-RoT	No	Yes	No	No	Yes	Yes	Yes
GetSwitchboardCpldInfo	No	No	No	Yes for RoT No for non-RoT	No	No	Yes for RoT No for non-RoT	No	No	No	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT
UpdateSwitchboardCpld	No	No	No	Yes for RoT No for non-RoT	No	No	Yes for RoT No for non-RoT	No	No	No	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT
GetFanboardCpldInfo	No	No	No	Yes for RoT No for non-RoT	No	No	Yes for RoT No for non-RoT	No	No	No	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT
UpdateFanboardCpld	No	No	No	Yes for RoT No for non-RoT	No	No	Yes for RoT No for non-RoT	No	No	No	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT
GetBackplaneCpldInfo	No	Yes	No	Yes	Yes	No	Yes	No	No	No	Yes	Yes
UpdateBackplaneCpld	No	Yes	No	Yes	Yes	No	Yes	No	No	No	Yes	Yes
GetAipCpldInfo	No	No	No	No	No	No	No	No	No	Yes	No	No
UpdateAipCpld	No	No	No	No	No	No	No	No	No	Yes	No	No
GetAomboardCpldInfo	No	No	No	No	No	No	No	No	Yes	Yes	No	No
UpdateAomboardCpld	No	No	No	No	No	No	No	No	Yes	Yes	No	No
GetMiscCpldInfo	No	No	No	No	No	No	No	No	Yes	Yes	No	No
UpdateMiscCpld	No	No	No	No	No	No	No	No	Yes	Yes	No	No
[ NIC Management ]												
GetAocNICInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
UpdateAocNIC <sup>1</sup>	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
[Multi-Node Management ]												

## Platform Feature Support Matrix

SAA (OOB & In-Band) Solution Feature  [ Group ] Command	HW & FW Compatibility											
	Without BMC											
	All platform listed in the "With BMC columns"	X12 3rd Generation Intel® Xeon® Scalable processors with Intel® C620 Series Chipsets	X12 Intel® Xeon® E-2300 Series	X13 4th/5th Generation Intel® Xeon® Scalable processors	H12 AMD EPYC	M12 AMD Ryzen™	H13 AMD EPYC H13 AMD Ryzen™	R12/R13 Ampere® Altra®	G1 CG1/C2 NVIDIA MGX™	Habana carrier board with Gaudi AI processors	X14 6th Generation Intel® Xeon® Scalable processors	H14 AMD EPYC
GetTplnfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
ChangeTplnfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
GetMultinodeEcInfo	No	Yes	No	Yes	No	No	No	No	No	No	Yes	No
UpdateMultinodeEc	No	Yes	No	Yes	No	No	No	No	No	No	Yes	No
[VM Management ]												
MountIsoImage	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes
UnMountIsoImage	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes
MountFloppyImage	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes
UnMountFloppyImage	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes
GetVmInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes
VmManage	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes
[NM Management ]												
NmMeManage	No	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	No
GeneralNmManage	No	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	No
NmCpuManage	No	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	No
NmCupsManage	No	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	No
[Security Management ]												
BiosRotManage	No	Yes for RoT No for non-RoT	No	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT	No	Yes	No	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT
SecureBootManage	No	No	No	Yes	No	No	Yes	No	No	No	Yes	Yes
GetLockdownMode	No	Yes	Yes	Yes	Yes (Support BMC AST2600 only)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SetLockdownMode	No	Yes	Yes	Yes	Yes (Support BMC AST2600 only)	Yes	Yes	No	Yes	Yes	Yes	Yes

Platform Feature Support Matrix												
SAA (OOB & In-Band) Solution Feature  [ Group ] Command	HW & FW Compatibility											
	Without BMC											
	All platform listed in the "With BMC columns"	X12 3rd Generation Intel® Xeon® Scalable processors with Intel® C620 Series Chipsets	X12 Intel® Xeon® E-2300 Series	X13 4th/5th Generation Intel® Xeon® Scalable processors	H12 AMD EPYC	M12 AMD Ryzen™	H13 AMD EPYC H13 AMD Ryzen™	R12/R13 Ampere® Altra®	G1 CG1/C2 NVIDIA MGX™	Habana carrier board with Gaudi AI processors	X14 6th Generation Intel® Xeon® Scalable processors	H14 AMD EPYC
BmcRotManage	No	Yes for RoT No for non-RoT	No	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT	No	Yes	Yes	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT
Attestation	No	Yes for RoT2.0 No for others	No	Yes for RoT No for non-RoT	No	No	Yes for RoT No for non-RoT	No	Yes	No	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT
SecureEraseDisk	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes
SecureEraseRaidHdd	No	Yes	Yes	Yes	No	No	No	No	No	No	Yes	No
TpmProvision	No	No	No	No	No	No	No	No	No	No	No	No
GetTpmInfo (SMCI OTA)	No	Yes	Yes	Yes	No	No	No	No	No	No	Yes	No
GetTpmInfo (Intel OTA)	No	Yes	Yes	Yes	No	No	No	No	No	No	Yes	No
GetTpmInfo (AMD)	No	No	No	No	Yes	Yes	Yes	No	No	No	No	Yes
TpmManage (SMCI OTA)	No	Yes	Yes	Yes	No	No	No	No	No	No	Yes	No
TpmManage (Intel OTA)	No	Yes	Yes	Yes	No	No	No	No	No	No	Yes	No
CpldRotManage	No	No	No	Yes for RoT No for non-RoT	No	No	Yes for RoT No for non-RoT	No	No	No	Yes for RoT No for non-RoT	Yes for RoT No for non-RoT
GetCpuERoTInfo	No	No	No	No	No	No	No	No	Yes	No	No	No
UpdateCpuERoT	No	No	No	No	No	No	No	No	Yes	No	No	No
CpuERoTManage	No	No	No	No	No	No	No	No	Yes	No	No	No
FpgaRotManage	No	No	No	No	No	No	No	No	Yes	No	No	No
[FPGA Management ]												
GetMotherboardFpgaInfo	No	No	No	No	No	No	No	No	Yes	No	No	No
UpdateMotherboardFpga	No	No	No	No	No	No	No	No	Yes	No	No	No

NOTE	
1	Please refer to Tab "NIC Chipset"



# Platform Feature Support Matrix

SAA CMM OOB Commands Solution Feature	HW & FW Compatibility			
	Without CMM			
	All platforms	B12	MicroBlade	SuperBlade
[ CMM Management ]				
UpdateCmm	No	Yes	Yes	Yes
GetCmmInfo	No	Yes	Yes	Yes
GetCmmCfg	No	Yes	Yes	Yes
ChangeCmmCfg	No	Yes	Yes	Yes
SetCmmPassword	No	Yes	Yes	Yes
LoadDefaultCmmCfg	No	Yes	Yes	Yes
GetBbplInfo	No	Yes	Yes	Yes
UpdateBbp	No	Yes	Yes	Yes
GetBladePowerStatus	No	Yes	Yes	Yes
SetBladePowerAction	No	Yes	Yes	Yes
ProfileManage	No	No	Yes (Support CMM_AST2400_64MB and CMM AST2600)	Yes (Support CMM_AST2400_64MB and CMM AST2600)
GetSystemCfg	No	Yes (For B12SPE, B12DPT, BH12SSi B13SEE, B13DEE, B13DET, and B3ST1 only)	Yes (Support CMM_AST2400_64MB, CMM AST2600 and blade for B3ST1 under the system only)	Yes (Support CMM_AST2400_64MB, CMM AST2600 and blades for B12SPE, B12DPT, BH12SSi and B13SEE, B13DEE, B13DET only)
ChangeSystemCfg	No	Yes (For B12SPE, B12DPT, BH12SSi B13SEE, B13DEE, B13DET, and B3ST1 only)	Yes (Support CMM_AST2400_64MB, CMM AST2600 and blade for B3ST1 under the system only)	Yes (Support CMM_AST2400_64MB, CMM AST2600 and blades for B12SPE, B12DPT, BH12SSi and B13SEE, B13DEE, B13DET only)
GetBladeSwitchInfo	No	No	Yes	Yes
UpdateBladeSwitch	No	No	Yes	Yes
RebooBladetSwitch	No	No	Yes	Yes
BladePsuManage	No	No	Yes	Yes
GetSystemInfo	No	Yes	Yes	Yes
BladeSummary	No	No	Yes	Yes

# Platform Feature Support Matrix

SAA Switch OOB Commands Solution Feature	HW & FW Compatibility
	SBM-25G-P10/BMB-25G-P10 MBM-XEM-002/SBM-25G-100/MBM-GEM-004
[ CMM Management ]	
UpdateSwitch	Yes
RebootSwitch	Yes

# Platform Feature Support Matrix

SAA (OOB & In-Band) Solution Feature  [ Group ] Command	OS & Architecture Compatibility				
	x86_64				ARM64
	Linux	Windows	FreeBSD	VMware ESXi	Linux
[License Management ]					
ActivateProductKey	Yes	Yes	Yes	Yes	Yes
QueryProductKey	Yes	Yes	Yes	Yes	Yes
CpuOnDemand	Yes	Yes	No	No	Yes for OOB No for In-Band
[ Health Management ]					
CheckOOBSupport	Yes	Yes	Yes	Yes	Yes
CheckAssetInfo	Yes	Yes	Yes	Yes	Yes
CheckSystemUtilization	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
CheckSensorData	Yes	Yes	Yes	Yes	Yes
ServiceCalls	Yes	Yes	Yes	Yes	Yes
SystemPFA	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
MemoryHealthCheck	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
ChassisIntrusion	Yes	Yes	Yes	No	Yes
AlertManage	Yes	Yes	Yes	No	Yes for OOB No for In-Band
SuperDiag	Yes	Yes	Yes	No	Yes
SendDiagInterrupt	Yes	Yes	Yes	No	Yes for OOB No for In-Band
MonitorCDUStatus	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
TasManage	Yes	Yes	Yes	No	Yes for OOB No for In-Band
[ System Management ]					
GetFruInfo	Yes	Yes	Yes	Yes	Yes
RestoreFruInfo	Yes	Yes	Yes	Yes	Yes
ChangeFruInfo	Yes	Yes	Yes	No	Yes
GetSystemInfo	Yes	Yes	Yes	Yes	Yes
GetSystemCfg	Yes	Yes	Yes	Yes	Yes
ChangeSystemCfg	Yes	Yes	Yes	Yes	Yes
GetFanMode	Yes	Yes	Yes	No	Yes
SetFanMode	Yes	Yes	Yes	No	Yes
LocateServerUid	Yes	Yes	Yes	Yes	Yes
[ BIOS Management ]					
GetBiosInfo	Yes	Yes	Yes	Yes	Yes
UpdateBios	Yes	Yes	Yes	Yes	Yes

# Platform Feature Support Matrix

SAA (OOB & In-Band) Solution Feature  [ Group ] Command	OS & Architecture Compatibility				
	x86_64				ARM64
	Linux	Windows	FreeBSD	VMware ESXi	Linux
GetDefaultBiosCfg	Yes	Yes	Yes	Yes	Yes
GetCurrentBiosCfg	Yes	Yes	Yes	Yes	Yes
ChangeBiosCfg	Yes	Yes	Yes	Yes	Yes
LoadDefaultBiosCfg	Yes	Yes	Yes	Yes	Yes
SetBiosPassword	Yes	Yes	Yes	Yes	Yes
GetDmiInfo	Yes	Yes	Yes	Yes	Yes
ChangeDmiInfo	Yes	Yes	Yes	Yes	Yes
EditDmiInfo	Yes	Yes	Yes	Yes	Yes
EraseOAKey	Yes	Yes	Yes	Yes	No
GetScpInfo	Yes for OOB No for In-Band	Yes for OOB No for In-Band	Yes for OOB No for In-Band	Yes for OOB No for In-Band	Yes
UpdateScp	Yes for OOB No for In-Band	Yes for OOB No for In-Band	Yes for OOB No for In-Band	Yes for OOB No for In-Band	Yes
GetFixedBootCfg	Yes	Yes	Yes	Yes	Yes
ChangeFixedBootCfg	Yes	Yes	Yes	Yes	Yes
GetBootOption	Yes	Yes	Yes	No	Yes for OOB No for In-Band
SetBootOption	Yes	Yes	Yes	No	Yes for OOB No for In-Band
SetHttpBoot	Yes	Yes	Yes	Yes	Yes
GetBiosPostCode	Yes	Yes	Yes	No	Yes
SetBiosAction	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
[ BMC Management ]					
UpdateBmc	Yes	Yes	Yes	Yes	Yes
GetBmcInfo	Yes	Yes	Yes	Yes	Yes
GetBmcCfg	Yes	Yes	Yes	Yes	Yes
ChangeBmcCfg	Yes	Yes	Yes	Yes	Yes
DownloadBmcCfg	Yes	Yes	Yes	Yes	Yes
UploadBmcCfg	Yes	Yes	Yes	Yes	Yes
SetBmcPassword	Yes	Yes	Yes	Yes	Yes
GetKcsPriv	Yes	Yes	Yes	Yes	Yes
SetKcsPriv	Yes	Yes	Yes	Yes	Yes
LoadDefaultBmcCfg	Yes	Yes	Yes	Yes	Yes
TimedBmcReset	Yes	Yes	Yes	Yes	Yes
GetBmcUserList	Yes	Yes	Yes	Yes	Yes

# Platform Feature Support Matrix

SAA (OOB & In-Band) Solution Feature  [ Group ] Command	OS & Architecture Compatibility				
	x86_64				ARM64
	Linux	Windows	FreeBSD	VMware ESXi	Linux
SetBmcUserList	Yes	Yes	Yes	Yes	Yes
GetBmcLANCfg	Yes	Yes	Yes	Yes	Yes
ChangeBmcLANCfg	Yes	Yes	Yes	Yes	Yes
RmcpManage	Yes	Yes	Yes	Yes	Yes
BootStrappingAccount	Yes	Yes	Yes	No	Yes
GetSessionInfo	Yes	Yes	Yes	No	Yes
BmcHostName	Yes	Yes	Yes	No	Yes
ManageRHI	Yes	Yes	Yes	No	Yes
SnmpManage	Yes	Yes	Yes	No	Yes
BmcWatchDog	Yes	Yes	Yes	No	Yes
[ System Event Log ]					
GetEventLog	Yes	Yes	Yes	Yes	Yes
ClearEventLog	Yes	Yes	Yes	Yes	Yes
GetMaintenEventLog	Yes	Yes	Yes	Yes	Yes
ClearMaintenEventLog	Yes	Yes	Yes	Yes	Yes
GetHostDump	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
[ Storage Management ]					
GetRaidControllerInfo	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
UpdateRaidController	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
GetRaidCfg	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
ChangeRaidCfg	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
GetSataInfo	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
GetNvmeInfo	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
ControlNVMe	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
GetPMemInfo	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
UpdatePMem	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
GetVROCCfg	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
ChangeVROCCfg	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
GetSmartData	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
[ Power Management ]					
GetPsuInfo	Yes	Yes	Yes	Yes	Yes

# Platform Feature Support Matrix

SAA (OOB & In-Band) Solution Feature  [ Group ] Command	OS & Architecture Compatibility				
	x86_64				ARM64
	Linux	Windows	FreeBSD	VMware ESXi	Linux
UpdatePsu	Yes	Yes	Yes	Yes	Yes
UpdatePsu with LCMC	Yes	Yes	Yes	Yes	Yes
GetPowerStatus	Yes	Yes	Yes	Yes	Yes
SetPowerAction	Yes	Yes	Yes	Yes	Yes
DcmiManage	Yes	Yes	Yes for OOB No for In-Band	No	Yes
PowerPolicy	Yes	Yes	Yes for OOB No for In-Band	No	Yes for OOB No for In-Band
GetAcpiPowerStatus	Yes	Yes	Yes	No	Yes
[PCleSwitch Management ]					
GetPCleSwitchInfo	No for OOB Yes for In-Band	No	No	No	Yes for OOB No for In-Band
UpdatePCleSwitch	No for OOB Yes for In-Band	No	No	No	Yes for OOB No for In-Band
[ Application ]					
RawCommand	Yes	Yes	Yes	Yes	Yes
GetUsbAccessMode	Yes	Yes	Yes	No	No
SetUsbAccessMode	Yes	Yes	Yes	No	No
KmsManage	Yes	Yes	Yes	Yes	Yes
RedfishAPI	Yes	Yes	Yes	Yes	Yes
RemoteConsole	Yes	Yes	No	No	Yes
Sol	Yes	Yes	Yes	No	Yes
RemoteExec	Yes	Yes	Yes	No	Yes
[ GPU Management ]					
GetGpuInfo	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
UpdateGpu	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
[ CPLD Management ]					
GetCpldInfo	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
UpdateCpld	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
GetSwitchboardCpldInfo	Yes	Yes	Yes	No	Yes for OOB No for In-Band
UpdateSwitchboardCpld	Yes	Yes	Yes	No	Yes for OOB No for In-Band
GetFanboardCpldInfo	Yes	Yes	Yes	No	Yes for OOB No for In-Band
UpdateFanboardCpld	Yes	Yes	Yes	No	Yes for OOB No for In-Band
GetBackplaneCpldInfo	Yes	Yes	Yes	No	Yes for OOB No for In-Band
UpdateBackplaneCpld	Yes	Yes	Yes	No	Yes for OOB No for In-Band

# Platform Feature Support Matrix

SAA (OOB & In-Band) Solution Feature  [ Group ] Command	OS & Architecture Compatibility				
	x86_64				ARM64
	Linux	Windows	FreeBSD	VMware ESXi	Linux
GetAipCpldInfo	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
UpdateAipCpld	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
GetAomboardCpldInfo	Yes	Yes	Yes	Yes	Yes
UpdateAomboardCpld	Yes	Yes	Yes	Yes	Yes
GetMiscCpldInfo	Yes	Yes	Yes	Yes	Yes
UpdateMiscCpld	Yes	Yes	Yes	Yes	Yes
[ NIC Management ]					
GetAocNICInfo	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
UpdateAocNIC <sup>1</sup>	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
[Multi-Node Management ]					
GetTpInfo	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
ChangeTpInfo	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
GetMultinodeEcInfo	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
UpdateMultinodeEc	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
[VM Management ]					
MountIsoImage	Yes	Yes	Yes	Yes	Yes
UnMountIsoImage	Yes	Yes	Yes	Yes	Yes
MountFloppyImage	Yes	Yes	Yes	Yes	Yes
UnMountFloppyImage	Yes	Yes	Yes	Yes	Yes
GetVmInfo	Yes	Yes	Yes	Yes	Yes
VmManage	Yes	Yes	Yes	Yes	Yes
[NM Management ]					
NmMeManage	Yes	Yes	Yes for OOB No for In-Band	No	Yes for OOB No for In-Band
GeneralNmManage	Yes	Yes	Yes for OOB No for In-Band	No	Yes for OOB No for In-Band
NmCpuManage	Yes	Yes	Yes for OOB No for In-Band	No	Yes for OOB No for In-Band
NmCupsManage	Yes	Yes	Yes for OOB No for In-Band	No	Yes for OOB No for In-Band
[Security Management ]					
BiosRotManage	Yes	Yes	Yes	Yes	Yes
SecureBootManage	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
GetLockdownMode	Yes	Yes	Yes	Yes	Yes
SetLockdownMode	Yes	Yes	Yes	Yes	Yes

# Platform Feature Support Matrix

SAA (OOB & In-Band) Solution Feature  [ Group ] Command	OS & Architecture Compatibility				
	x86_64				ARM64
	Linux	Windows	FreeBSD	VMware ESXi	Linux
BmcRotManage	Yes	Yes	Yes	Yes	Yes
Attestation	Yes	Yes	Yes	Yes	Yes
SecureEraseDisk	Yes	Yes	Yes	Yes	Yes
SecureEraseRaidHdd	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
TpmProvision	Yes	Yes	Yes	Yes	Yes
GetTpmInfo (SMCI OTA)	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
GetTpmInfo (Intel OTA)	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
GetTpmInfo (AMD)	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
TpmManage (SMCI OTA)	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
TpmManage (Intel OTA)	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
CpldRotManage	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
GetCpuERoTInfo	Yes	Yes	Yes	Yes	Yes
UpdateCpuERoT	Yes	Yes	Yes	Yes	Yes
CpuERoTManage	Yes	Yes	Yes	Yes	Yes
CpldRotManage	Yes	Yes	Yes	Yes	Yes
[FPGA Management ]					
GetMotherboardFpgaInfo	Yes	Yes	Yes	Yes	Yes
UpdateMotherboardFpga	Yes	Yes	Yes	Yes	Yes



# Platform Feature Support Matrix

SAA (OOB & In-Band) Solution Feature  [ Group ] Command	NIC Chipset							
	Intel®			Broadcom®			Mellanox®	
	X550	X710	E810	57414	57416	57508	ConnectX-6 DX	ConnectX-7
[ NIC Management ]								
GetAocNICInfo	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
UpdateAocNIC	No	No	Yes	Yes	Yes	Yes	Yes	Yes