Platform Feature Support Matrix

SAA (OOB & In-Band) Solution Feature [Group] Command	HW & FW Compatibility													
	Without BMC	With 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	X12/X13 Intel® Core™/Pentium® /Celeron® and Intel ® Xeon® W Processors	X13 4th/5th Generation Intel® Xeon® Scalable processors	H12 AMD EPYC™ H12/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	X14 Intel® Core™ Ultra and Intel® Xeon® W Processors	H14 AMD EPYC™	NVIDIA GB200/GB300
[License Management]														
ActivateProductKey	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
QueryProductKey	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CpuOnDemand	No	No	No	No	Yes	No	No	No	No	No	Yes	No	No	No
[Health Management]														
CheckOOBSupport	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No
CheckAssetInfo	No	Yes	Yes	Yes	Yes	Yes in RoT	Yes	Yes	Yes	No	Yes	Yes	Yes	No
CheckSystemUtilization	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	No
CheckSensorData	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No
ServiceCalls	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No
SystemPFA	No	No	No	No	Yes	No	No	No	No	No	Yes	No	No	No
MemoryHealthCheck	No	No	No	No	Yes	No	No	No	No	No	Yes	No	No	No
ChassisIntrusion	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No
AlertManage	No	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	No
SuperDiag	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No
SendDiagInterrupt	No	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes	No	No	No
TasManage	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	No
CheckSelfTest	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
HDTService	No	No	No	No	No	No	Yes	No	No	No	No	No	Yes	No
[System Management]														
GetFruInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No
RestoreFruInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No
ChangeFruInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No
GetSystemInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
GetSystemCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No
ChangeSystemCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No
GetFanMode	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
SetFanMode	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
LocateServerUid	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
GetFirmwareInventoryInfo	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	No
ClearCMOS	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	No
[BIOS Management]														
GetBiosInfo	Yes for in-band No for OOB	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes

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	Without BMC	With BMC												
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UpdateBios	Yes for in-band No for OOB	Yes	Yes	Yes for in-band Yes for OOB on X13SAW No for OOB on others	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
GetDefaultBiosCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No
GetCurrentBiosCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No
ChangeBiosCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No
LoadDefaultBiosCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No
SetBiosPassword	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No
GetDmiInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No
ChangeDmiInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No
EditDmiInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No
EraseOAKey	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	No
GetScpInfo	No	No	No	No	No	No	No	Yes for R12	No	No	No	No	No	No
UpdateScp	No	No	No	No	No	No	No	Yes for R12	No	No	No	No	No	No
GetFixedBootCfg	No	No	No	No	Yes	No	Yes	No	Yes	No	Yes	Yes	Yes	No
ChangeFixedBootCfg	No	No	No	No	Yes	No	Yes	No	Yes	No	Yes	Yes	Yes	No
GetBootOption	No	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	No	No
SetBootOption	No	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	No	No
SetHttpBoot	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No
GetBiosPostCode	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No
GetPostCodeLog	No	No	No	No	Yes	No	No	Yes	Yes	No	Yes	Yes	No	No
ClearPostCodeLog	No	No	No	No	Yes	No	No	Yes	Yes	No	Yes	Yes	No	No
SetBiosAction	No	No	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	Yes	Yes
GetBmcInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
GetBmcCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No
ChangeBmcCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No
DownloadBmcCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No
UploadBmcCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No
SetBmcPassword	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No
GetKcsPriv	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No
SetKcsPriv	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No
LoadDefaultBmcCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No

Platform Feature Support Matrix

SAA (OOB & In-Band) Solution Feature [Group] Command	HW & FW Compatibility													
	Without BMC	With 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	X12/X13 Intel® Core™/Pentium® /Celeron® and Intel ® Xeon® W Processors	X13 4th/5th Generation Intel® Xeon® Scalable processors	H12 AMD EPYC™ H12/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	X14 Intel® Core™ Ultra and Intel® Xeon® W Processors	H14 AMD EPYC™	NVIDIA GB200/GB300
TimedBmcReset/BmcReset	No	No	Yes	Yes	Yes	Yes for RoT No for non-RoT	Yes	No	Yes	No	Yes	Yes	Yes	No
GetBmcUserList	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
SetBmcUserList	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
GetBmcLANCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No
ChangeBmcLANCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No
RmcpManage	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No
BootStrappingAccount	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No
GetSessionInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No
SessionManage	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
BmcHostName	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
ManageRHI	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No
SnmpManage	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No
BmcWatchDog	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
BmcIPv6StaticRouteManage	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
AccountServiceDiag	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No
CompareXmlCfg	No	Yes	Yes	Yes No for TPInfo	Yes	Yes No for VROC	Yes No for VROC	No for BMC type No for RAID type No for VROC type Yes for BIOS type No for VROC type	Yes for BMC type No for RAID type No for VROC type Yes for BIOS type No for TPInfo type	Yes for BMC type No for RAID type No for VROC type No for BIOS type No for TPInfo type	Yes	Yes No for TPInfo type	Yes No for VROC type	No
[System Event Log]														
GetEventLog	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
ClearEventLog	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No
GetMaintenEventLog	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No
ClearMaintenEventLog	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No
GetHostDump	No	Yes	Yes (Support BMC AST2600 only)	Yes (Support BMC AST2600 only)	Yes	Yes for RoT No for non-RoT	Yes	No	No	No	Yes	Yes	Yes	No
SetSELTimeMode	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
[Storage Management]														
GetRaidControllerInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	No
UpdateRaidController	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	No
GetRaidCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	No
ChangeRaidCfg	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	No
GetSataInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	No
GetNvmeInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	No

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	Without BMC	With BMC												
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ControlNVMe	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	No
GetPMemInfo	No	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	No	No
UpdatePMem	No	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	No	No
GetVROCCfg	No	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	No	No
ChangeVROCCfg	No	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	No	No
GetSmartData	No	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	No	No
GetSasExpanderInfo	No	No	No	No	Yes	No	Yes	No	No	No	Yes	Yes	Yes	No
UpdateSasExpander	No	No	No	No	Yes	No	Yes	No	No	No	Yes	Yes	Yes	No
[Power Management]														
GetPsuInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No
UpdatePsu	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No
UpdatePsu with LCMC	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No
GetPowerStatus	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
SetPowerAction	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
DcmiManage	No	Yes	Yes	Yes	Yes	Yes (Support --type STD_DCMI only)	Yes (Support --type STD_DCMI only)	No	Yes (Support --type STD_DCMI only)	Yes	No	No	No	No
PowerPolicy	No	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	No	No
GetAcpiPowerStatus	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No
GetPsFruInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	No
GetAiomStandbyPower	No	No	No	No	No	No	No	No	No	No	Yes	Yes	No	No
SetAiomStandbyPower	No	No	No	No	No	No	No	No	No	No	Yes	Yes	No	No
[PCIeSwitch Management]														
GetPCIeSwitchInfo	No	Yes(Support X12DSC-6 only)	No	No	Yes (Support system with PCIe switch chipset only)	Yes(Support H12DGQ-NT6 only)	No	No	No	No	No	No	No	No
UpdatePCIeSwitch	No	Yes(Support X12DSC-6 only)	No	No	Yes (Support system with PCIe switch chipset only)	Yes(Support H12DGQ-NT6 only)	No	No	No	No	No	No	No	No
[Application]														
RawCommand	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
GetUsbAccessMode	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	No
SetUsbAccessMode	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	No
KmsManage	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No
RedfishAPI	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
RemoteConsole	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No
Sol	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No

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RemoteExec	Yes for supported remote OS installed													
RemoteScreenshot	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No
RemoteKeyboard	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No
Shell	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Prompt	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No
FindBmcDevices	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
FoundBmcDevices	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
GetUSBHostControllerInfo	No	No	No	No	No	No	No	No	No	No	Yes(Support system with ASMedia and Renesas chipset only)	Yes(Support system with ASMedia and Renesas chipset only)	No	No
UpdateUSBHostController	No	No	No	No	No	No	No	No	No	No	Yes(Support system with ASMedia and Renesas chipset only)	Yes(Support system with ASMedia and Renesas chipset only)	No	No
Ch	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
[GPU Management]														
GetGpuInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes
UpdateGpu	No	Yes	Yes	Yes (Support BMC AST2600 only)	Yes	Yes (Support BMC AST2600 only)	Yes	No	No	No	Yes	Yes	Yes	Yes
DiagGpuStatus	No	No	No	No	No	Yes	Yes	No	No	No	No	No	Yes	No
GetGpuLog	No	No	No	No	Yes	No	Yes	No	No	No	Yes	Yes	Yes	No
GpuPowerManage	No	No	No	No	Yes	No	Yes	No	No	No	Yes	Yes	Yes	No
[CPLD Management]														
GetCpldInfo	No	Yes for RoT No for non-RoT	No	Yes for X13SAW No for others	Yes	Yes for RoT No for non-RoT	Yes	No	No	Yes	Yes	Yes	Yes	Yes
UpdateCpld	No	Yes for RoT No for non-RoT	No	Yes for X13SAW No for others	Yes	Yes for RoT No for non-RoT	Yes	No	No	Yes	Yes	Yes	Yes	Yes
GetSwitchboardCpldInfo	No	No	No	No	Yes for RoT No for non-RoT	No	Yes for RoT No for non-RoT	No	No	No	Yes for RoT No for non-RoT	No	Yes for RoT No for non-RoT	No
UpdateSwitchboardCpld	No	No	No	No	Yes for RoT No for non-RoT	No	Yes for RoT No for non-RoT	No	No	No	Yes for RoT No for non-RoT	No	Yes for RoT No for non-RoT	No
GetFanboardCpldInfo	No	No	No	No	Yes for RoT No for non-RoT	No	Yes for RoT No for non-RoT	No	No	No	Yes for RoT No for non-RoT	No	Yes for RoT No for non-RoT	No
UpdateFanboardCpld	No	No	No	No	Yes for RoT No for non-RoT	No	Yes for RoT No for non-RoT	No	No	No	Yes for RoT No for non-RoT	No	Yes for RoT No for non-RoT	No
GetBackplaneCpldInfo	No	Yes	No	No	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes
UpdateBackplaneCpld	No	Yes	No	No	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes

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GetAipCpldInfo	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No
UpdateAipCpld	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No
GetAomboardCpldInfo	No	No	No	No	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
UpdateAomboardCpld	No	No	No	No	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
GetMiscCpldInfo	No	No	No	No	No	No	No	No	Yes	Yes	No	No	No	No
UpdateMiscCpld	No	No	No	No	No	No	No	No	Yes	Yes	No	No	No	No
GetTransitionboardCpldInfo	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No
UpdateTransitionboardCpld	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No
GetNicCpldInfo	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	No
UpdateNicCpld	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	No
GetMidplaneSbbCpldInfo	No	No	No	No	Yes	No	Yes	No	No	No	Yes	No	Yes	No
UpdateMidplaneSbbCpld	No	No	No	No	Yes	No	Yes	No	No	No	Yes	No	Yes	No
[NIC Management]														
GetAocNICInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	No
UpdateAocNIC[1]	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	No
[Multi-Node Management]														
GetTpInfo	No	Yes	Yes	No	Yes	Yes	Yes	No	No	No	Yes	No	Yes	No
ChangeTpInfo	No	Yes	Yes	No	Yes	Yes	Yes	No	No	No	Yes	No	Yes	No
GetMultinodeEcInfo	No	Yes	No	No	Yes	No	No	No	No	No	Yes	No	No	No
UpdateMultinodeEc	No	Yes	No	No	Yes	No	No	No	No	No	Yes	No	No	No
GetMultinodeLcmcInfo	No	No	No	No	Yes	No	Yes	No	No	No	Yes	No	Yes	No
UpdateMultinodeLcmc	No	No	No	No	Yes	No	Yes	No	No	No	Yes	No	Yes	No
[VM Management]														
MountIsoImage	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No
UnMountIsoImage	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No
MountFloppyImage	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No
UnMountFloppyImage	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No
GetVmInfo	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No
VmManage	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No
VMShell	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	No
[NM Management]														
NmMeManage	No	Yes	Yes	No	Yes	No	No	No	No	Yes	Yes	No	No	No
GeneralNmManage	No	Yes	Yes	No	Yes	No	No	No	No	Yes	Yes	No	No	No

Platform Feature Support Matrix

SAA (OOB & In-Band) Solution Feature [Group] Command	HW & FW Compatibility													
	Without BMC	With 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	X12/X13 Intel® Core™/Pentium® /Celeron® and Intel ® Xeon® W Processors	X13 4th/5th Generation Intel® Xeon® Scalable processors	H12 AMD EPYC™ H12/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	X14 Intel® Core™ Ultra and Intel® Xeon® W Processors	H14 AMD EPYC™	NVIDIA GB200/GB300
NmCpuManage	No	Yes	Yes	No	Yes	No	No	No	No	Yes	Yes	No	No	No
NmCupsManage	No	Yes	Yes	No	Yes	No	No	No	No	Yes	Yes	No	No	No
BmcNmManage	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No
[Security Management]														
BiosRotManage	No	Yes for RoT No for non-RoT	No	No	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	No	Yes for RoT No for non-RoT	No
SecureBootManage	No	No	No	No	Yes	No	Yes	No	No	No	Yes	Yes	Yes	No
GetLockdownMode	No	Yes	Yes	Yes (Support BMC AST2600 only)	Yes	Yes (Support BMC AST2600 only)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
SetLockdownMode	No	Yes	Yes	Yes (Support BMC AST2600 only)	Yes	Yes (Support BMC AST2600 only)	Yes	No	Yes	Yes	Yes	Yes	Yes	No
BmcRotManage	No	Yes for RoT No for non-RoT	No	No	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	No	Yes for RoT No for non-RoT	No
Attestation	No	Yes for RoT2.0 No for others	No	No	Yes for RoT No for non-RoT	No	Yes for RoT No for non-RoT	No	Yes	No	Yes for RoT No for non-RoT	No	Yes for RoT No for non-RoT	No
SecureEraseDisk	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No
SecureEraseRaidHdd	No	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	No	No
TpmProvision	No	No	No	No	No	No	No	No	No	No	No	No	No	No
GetTpmInfo (SMCI OTA)	No	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	No	No
GetTpmInfo (Intel OTA)	No	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	No	No
GetTpmInfo (AMD)	No	No	No	No	No	Yes	Yes	No	No	No	No	No	Yes	No
TpmManage (SMCI OTA)	No	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	No	No
TpmManage (Intel OTA)	No	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	No	No
CmmRotManage	No	No	No	No	No	No	No	No	No	No	No	No	No	No
CpldRotManage	No	No	No	No	Yes for RoT No for non-RoT	No	Yes for RoT No for non-RoT	No	No	No	Yes for RoT No for non-RoT	No	Yes for RoT No for non-RoT	No
GetCpuERoTInfo	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No
UpdateCpuERoT	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No
CpuERoTManage	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No
FpgaRotManage	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No
GetGpuERotInfo	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No
GetSpdmInfo	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No
CertManage	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
[FPGA Management]														
GetMotherboardFpgaInfo	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No

Platform Feature Support Matrix

SAA (OOB & In-Band) Solution Feature [Group] Command	HW & FW Compatibility													
	Without BMC	With 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	X12/X13 Intel® Core™/Pentium® /Celeron® and Intel ® Xeon® W Processors	X13 4th/5th Generation Intel® Xeon® Scalable processors	H12 AMD EPYC™ H12/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	X14 Intel® Core™ Ultra and Intel® Xeon® W Processors	H14 AMD EPYC™	NVIDIA GB200/GB300
UpdateMotherboardFpga	No	No	No	No	No	No	No	No	**Yes**	No	No	No	No	No
[MCU Management]														
GetMotherboardMcuInfo	No	No	No	No	**Yes (Support X13SCW-F only)**	No	No	No	No	No	No	No	No	No
UpdateMotherboardMcu	No	No	No	No	**Yes (Support X13SCW-F only)**	No	No	No	No	No	No	No	No	No

NOTE	
1	Please refer to Tab "NIC Chipset"

PowerShelf Feature Support Matrix

SAA PowerShelf OOB Commands Solution Feature [Group] Command	NVIDIA GB200		NVIDIA GB300		
	LiteOn	Delta	Supermicro	LiteOn	Delta
[License Management]					
ActivateProductKey	No	No	**Yes**	No	No
[Health Management]					
CheckSensorData	No	No	**Yes**	No	No
[System Management]					
GetFruInfo	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**
ChangeFruInfo	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**
GetFirmwareInventoryInfo	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**
UpdateFirmware	No	No	**Yes**	No	No
[System Event Log]					
ClearEventLog	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**
GetBlackBox	**Yes**	No	**Yes**	**Yes**	No
[Power Management]					
GetPowerShelfInfo	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**
UpdatePowerShelf	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**
SetPsuCfg	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**
GetPowerShelfPowerStatus	**Yes**	**Yes**	No	**Yes**	**Yes**
SetPowerShelfPowerAction	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**
[Application]					
RedfishAPI	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**
[Security Management]					
CertManage	**Yes**	No	No	**Yes**	No
[MCU Management]					
GetMotherboardMcuInfo	**Yes**	No	**Yes**	**Yes**	No
UpdateMotherboardMcu	No	No	**Yes**	No	No
[PMC Management]					
GetPmcInfo	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**
UpdatePmc	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**
GetPmcCfg	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**
ChangePmcCfg	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**
LoadDefaultPmcCfg	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**
GetPmcUserList	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**
SetPmcUserList	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**
PmcIPv6StaticRouteManage	No	No	**Yes**	No	No
PmcReset	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**

Platform Feature Support Matrix

SAA CMM OOB Commands Solution Feature	HW & FW Compatibility		
	Without CMM		
	All platforms	MicroBlade	SuperBlade
[CMM Management]			
UpdateCmm	No	Yes	Yes
GetCmminfo	No	Yes	Yes
GetCmmCfg	No	Yes	Yes
ChangeCmmCfg	No	Yes	Yes
SetCmmPassword	No	Yes	Yes
LoadDefaultCmmCfg	No	Yes	Yes
GetBbpInfo	No	Yes	Yes
UpdateBbp	No	Yes	Yes
GetBladePowerStatus	No	Yes	Yes
SetBladePowerAction	No	Yes	Yes
ProfileManage	No	Yes (Support CMM AST2400)	Yes (Support CMM AST2400)
GetSystemCfg	Yes	Yes	Yes
ChangeSystemCfg	Yes	Yes	Yes
BladePsuManage	No	Yes	Yes
GetSystemInfo	No	Yes	Yes
BladeSummary	No	Yes	Yes
BladeConsole	No	Yes	Yes
CmmRotManage	No	Yes (Support CMM AST2600)	Yes (Support CMM AST2600)
BladeNodeManage	No	Yes	Yes

CompareXmlCfg	No for CMM	**Yes for CMM**	**Yes for CMM**

Blade Switch Feature Support Matrix

SAA CMM OOB Commands Solution Feature	HW & FW Compatibility			
	Without CMM			
	All platforms	SBM-25G-P10/BMB-25G-P10 MBM-XEM-002/SBM-25G-100/MBM-GEM-004	MicroBlade	SuperBlade
[Switch Management]				
GetBladeSwitchInfo	No	No	Yes	Yes
UpdateBladeSwitch	No	Yes	Yes (Support SBM-25G-P10/BMB-25G-P10MBM-XEM-002/SBM-25G-100/MBM-GEM-004)	Yes (Support SBM-25G-P10/BMB-25G-P10MBM-XEM-002/SBM-25G-100/MBM-GEM-004)
RebootBladeSwitch	No	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
[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
CheckSelfTest	Yes	Yes	Yes	Yes	Yes
HDTService	Yes	Yes	Yes	Yes	Yes
[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

Platform Feature Support Matrix

SAA (OOB & In-Band) Solution Feature [Group] Command	OS & Architecture Compatibility				
	x86_64				ARM64
	Linux	Windows	FreeBSD	VMware ESXi	Linux
GetFirmwareInventoryInfo	Yes	Yes	Yes	Yes	Yes
ClearCMOS	Yes	Yes	Yes	Yes	Yes
[BIOS Management]					
GetBiosInfo	Yes	Yes	Yes	Yes	Yes
UpdateBios	Yes	Yes	Yes	Yes	Yes
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
GetPostCodeLog	Yes	Yes	Yes	Yes	Yes
ClearPostCodeLog	Yes	Yes	Yes	Yes	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

Platform Feature Support Matrix

SAA (OOB & In-Band) Solution Feature [Group] Command	OS & Architecture Compatibility				
	x86_64				ARM64
	Linux	Windows	FreeBSD	VMware ESXi	Linux
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/BmcReset	Yes	Yes	Yes	Yes	Yes
GetBmcUserList	Yes	Yes	Yes	Yes	Yes
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
SessionManage	Yes	Yes	Yes	Yes	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
BmcIPv6StaticRouteManage	Yes	Yes	Yes	Yes	Yes
AccountServiceDiag	Yes	Yes	Yes	Yes	Yes
CompareXmlCfg	Yes	Yes	Yes No for VROC	Yes No for VROC	Yes No for VROC No for RAID In-Band
[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
SetSELTimeMode	Yes	Yes	Yes	Yes	No

Platform Feature Support Matrix

SAA (OOB & In-Band) Solution Feature [Group] Command	OS & Architecture Compatibility				
	x86_64				ARM64
	Linux	Windows	FreeBSD	VMware ESXi	Linux
[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
GetSasExpanderInfo	Yes	Yes	Yes	Yes	Yes
UpdateSasExpander	Yes	Yes	Yes	Yes	Yes
[Power Management]					
GetPsuInfo	Yes	Yes	Yes	Yes	Yes
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
GetPsFruInfo	Yes	Yes	Yes	Yes	Yes
GetAiomStandbyPower	Yes	Yes	Yes	Yes	Yes
SetAiomStandbyPower	Yes	Yes	Yes	Yes	Yes
[PCIeSwitch Management]					
GetPCIeSwitchInfo	Yes	Yes for OOB No for In-Band	Yes for OOB No for In-Band	No	Yes for OOB No for In-Band
UpdatePCIeSwitch	Yes	Yes for OOB No for In-Band	Yes for OOB No for In-Band	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
[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
RemoteScreenshot	Yes	Yes	Yes	Yes	Yes
RemoteKeyboard	Yes	Yes	No	No	No
Shell	Yes	Yes	Yes	Yes	Yes
Prompt	Yes	Yes	Yes	Yes	Yes
FindBmcDevices	Yes for In-Band No for OOB	Yes for In-Band No for OOB	Yes for In-Band No for OOB	Yes for In-Band No for OOB	Yes for In-Band No for OOB
FoundBmcDevices	Yes for In-Band No for OOB	Yes for In-Band No for OOB	Yes for In-Band No for OOB	Yes for In-Band No for OOB	Yes for In-Band No for OOB
GetUSBHostControllerInfo	Yes for In-Band No for OOB	Yes for In-Band No for OOB	No	No	No
UpdateUSBHostController	Yes for In-Band No for OOB	Yes for In-Band No for OOB	No	No	No
Ch	Yes	Yes	Yes	Yes	Yes
[GPU Management]					
GetGpuInfo	Yes	Yes	Yes	Yes	Yes
UpdateGpu	Yes	Yes	Yes	Yes	Yes
DiagGpuStatus	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
GetGpuLog	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
GpuPowerManage	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

Platform Feature Support Matrix

SAA (OOB & In-Band) Solution Feature [Group] Command	OS & Architecture Compatibility				
	x86_64				ARM64
	Linux	Windows	FreeBSD	VMware ESXi	Linux
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
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
GetTransitionboardCpldInfo	Yes	Yes	Yes	Yes	Yes
UpdateTransitionboardCpld	Yes	Yes	Yes	Yes	Yes
GetNicCpldInfo	Yes	Yes	Yes	Yes	Yes
UpdateNicCpld	Yes	Yes	Yes	Yes	Yes
GetMidplaneSbbCpldInfo	Yes	Yes	Yes	Yes	Yes
UpdateMidplaneSbbCpld	Yes	Yes	Yes	Yes	Yes
[NIC Management]					
GetAocNICInfo	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
UpdateAocNIC[1]	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
GetMultinodeLcmcInfo	Yes	Yes	Yes	Yes	Yes for OOB No for In-Band
UpdateMultinodeLcmc	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

Platform Feature Support Matrix

SAA (OOB & In-Band) Solution Feature [Group] Command	OS & Architecture Compatibility				
	x86_64				ARM64
	Linux	Windows	FreeBSD	VMware ESXi	Linux
GetVmInfo	Yes	Yes	Yes	Yes	Yes
VmManage	Yes	Yes	Yes	Yes	Yes
BmcNmManage	Yes	Yes	Yes	Yes	Yes
VMShell	Yes	Yes	No	No	No
[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
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
CmmRotManage	Yes	Yes	Yes	Yes	Yes
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

Platform Feature Support Matrix

SAA (OOB & In-Band) Solution Feature [Group] Command	OS & Architecture Compatibility				
	x86_64				ARM64
	Linux	Windows	FreeBSD	VMware ESXi	Linux
FpgaRotManage	Yes	Yes	Yes	Yes	Yes
GetGpuERotInfo	Yes	Yes	Yes	Yes	Yes
GetSpdmInfo	Yes	Yes	Yes	Yes	Yes
CertManage	Yes	Yes	Yes	Yes	Yes
[FPGA Management]					
GetMotherboardFpgaInfo	Yes	Yes	Yes	Yes	Yes
UpdateMotherboardFpga	Yes	Yes	Yes	Yes	Yes
[MCU Management]					
GetMotherboardMcuInfo	Yes	Yes	Yes	Yes	Yes
UpdateMotherboardMcu	Yes	Yes	Yes	Yes	Yes

Platform Feature Support Matrix

SAA (OOB & In-Band) Solution Feature [Group] Command	NIC Chipset									
	Intel®			Broadcom®				NVIDIA®		
	X550	X710	E810	57414	57416	57508	57608	ConnectX-6 DX	ConnectX-7	BlueField-3
[NIC Management]										
GetAocNICInfo	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
UpdateAocNIC	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Rack Component Support Matrix

SAA (OOB & In-Band) Solution Feature [Group] Command	HW Compatibility	HW Compatibility
	NVIDIA GB200	NVIDIA GB300
[Liquid Cooling Management]		
MonitorCDUStatus	**Yes**	**Yes**
UpdateCDU	**Yes**	**Yes**
[Power Management]		
GetPowerShelfInfo	**Yes**	**Yes**
UpdatePowerShelf	**Yes**	**Yes**
[Switch Management]		
NvSwitchManage	**Yes**	**Yes**

JBOF Component Support Matrix

SAA (OOB) Solution Feature [Group] Command	HW Compatibility
	Gen 5 JBOF System
[License Management]	
ActivateProductKey	**Yes**
QueryProductKey	**Yes**
[System Management]	
GetFruInfo	**Yes**
RestoreFruInfo	**Yes**
ChangeFruInfo	**Yes**
GetSystemInfo	**Yes**
GetFanMode	**Yes**
SetFanMode	**Yes**
LocateServerUid	**Yes**
GetFirmwareInventoryInfo	**Yes**
[BMC Management]	
UpdateBmc	**Yes**
GetBmcInfo	**Yes**
GetBmcCfg	**Yes**
ChangeBmcCfg	**Yes**
DownloadBmcCfg	**Yes**
UploadBmcCfg	**Yes**
SetBmcPassword	**Yes**
LoadDefaultBmcCfg	**Yes**
TimedBmcReset/BmcReset	**Yes**
GetBmcUserList	**Yes**
SetBmcUserList	**Yes**
GetBmcLANCfg	**Yes**
ChangeBmcLANCfg	**Yes**
RmcpManage	**Yes**
GetSessionInfo	**Yes**
SessionManage	**Yes**
BmcHostName	**Yes**
SnmpManage	**Yes**
BmcWatchDog	**Yes**
BmcIPv6StaticRouteManage	**Yes**
[System Event Log]	
GetEventLog	**Yes**
ClearEventLog	**Yes**
GetMaintenEventLog	**Yes**

JBOF Component Support Matrix

SAA (OOB) Solution Feature [Group] Command	HW Compatibility
	Gen 5 JBOF System
ClearMaintenEventLog	**Yes**
SetSELTimeMode	**Yes**
[Storage Management]	
GetNvmeInfo	**Yes**
ControlNVMe	**Yes**
[Application]	
RawCommand	**Yes**
RedfishAPI	**Yes**
Shell	**Yes**
Ch	**Yes**
[CPLD Management]	
GetCpldInfo	**Yes**
UpdateCpld	**Yes**
GetBackplaneCpldInfo	**Yes**
UpdateBackplaneCpld	**Yes**
GetMidplaneSbbCpldInfo	**Yes**
UpdateMidplaneSbbCpld	**Yes**
[Security Management]	
GetLockdownMode	**Yes**
SetLockdownMode	**Yes**
BmcRotManage	**Yes**

Network Swtich Support Matrix

SAA (OOB) Solution Feature [Group] Command	HW Compatibility	
	Without BMC	
	All	T81xx Series
[License Management]		
ActivateProductKey	No	**Yes**
QueryProductKey	No	**Yes**
[BIOS Management]		
UpdateBios	No	**Yes**
GetBiosInfo	No	**Yes**
[BMC Management]		
UpdateBmc	No	**Yes**
GetBmcInfo	No	**Yes**
[Power Management]		
GetPowerStatus	No	**Yes**
SetPowerAction	No	**Yes**
[Application]		
RawCommand	No	**Yes**
RedfishAPI	No	**Yes**
[CPLD Management]		
GetCpldInfo	No	**Yes**
UpdateCpld	No	**Yes**
GetSwitchboardCpldInfo	No	**Yes**
UpdateSwitchboardCpld	No	**Yes**

Platform Feature Support Matrix

SAA (OOB) Solution Feature [Group] Command	HW Compatibility			
	InRackCDU	InRowCDU	Sidecar	RDHx
[Liquid Cooling Management]				
GetCDUInfo	Yes	Yes	Yes	Yes
UpdateCDU	Yes	Yes	Yes	Yes
FanControl	Yes	Yes	Yes	Yes
GetCduUserList	Yes	Yes	Yes	Yes
SetCduUserList	Yes	Yes	Yes	Yes
GetCDULANCfg	No	No	No	Yes
ChangeCDULANCfg	No	No	No	Yes
GetCDUCfg	Yes	Yes	Yes	Yes
ChangeCDUCfg	Yes	Yes	Yes	Yes
MonitorCDUStatus	Yes	Yes	Yes	Yes