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	No
QueryProductKey	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
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

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
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
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

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
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
[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
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

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
[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
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

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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
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

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	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
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
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

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
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
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"