

DESCRIPTION PAPER

Details of ServerView Configuration Space Values

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Details of ServerView Configuration Space Values

by Fujitsu Technology Solutions

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Chapter 1. Description of commands and events

The "Type" field describes, what the same OpCode can be used for: *Commands*, *Command replies* (responds to commands) or unsolicited *Events*.

1.1. Power ON/OFF

1.1.1. SystemUpTime (0x011E)

Name: SystemUpTime
OpCode: 0x011E
Type: Command
Description: Reads the system up time in seconds.

Reply Data	
Unsigned integer (32 Bit)	System up time (seconds)

1.2. Uninterruptable Power Supply

This section describes features and status for an Uninterruptable Power Supply hardware connected to the SM controller. This can be an external UPS or an internal BBU (Battery Buffering Unit) installed in the specified cabinet.

1.2.1. BatteryStatus (0x1130)

Name: BatteryStatus
OpCode: 0x1130
Type: Command / Event
Description: Status of a system backup battery.

Reply Data	
DT BYTE	Battery status

Battery status:

- 0: The battery state could not be determined
- 1: The system does not have a backup battery
- 2: The battery capacity is in normal range (above 33 percent)
- 3: The battery capacity is low. (less than 33 percent)
- 4: The battery capacity is critical. (less than 5 percent)

Backup battery status.

1.2.2. BatteryChargePercent (0x1131)

Name: BatteryChargePercent
OpCode: 0x1131
Type: Command

Name: **BatteryChargePercent**

Description: The percentage of full battery charge remaining. This member can be a value in the range 0 to 100, or 255 if status is unknown. .

Reply Data	
percentage (0..100)	percentage (0..100)

Percentage of full battery charge remaining.

1.2.3. BatteryLifeTime (0x1132)

Name: **BatteryLifeTime**

OpCode: **0x1132**

Type: Command

Description: The full and the remaining battery life time. .

Reply Data: struct	
Double Word (32 Bit)	The full battery life time in seconds, (0xFFFFFFFF if unknown)
Double Word (32 Bit)	The remaining battery life time in seconds, (0xFFFFFFFF if unknown)

Full and remaining battery life time in seconds.

1.2.4. BatteryLineStatus (0x1133)

Name: **BatteryLineStatus**

OpCode: **0x1133**

Type: Command / Event

Description: The state of the AC line. .

Reply Data	
DT BYTE	Battery Line Status

Battery Line Status:

0: The battery line state could not be determined

1: AC power is available

2: AC power is not available

System AC line state.

1.3. System Status

System status commands:

1.3.1. StatusTreeSystemStatus (0x230F)

Name: **StatusTreeSystemStatus**

OpCode: **0x230F**

Name:	StatusTreeSystemStatus
Type:	Command / Event
Description:	The system's overall health status (over all subsystems and their components). This command is also fired as an event whenever the overall status changes.

Reply Data	
DT BYTE	Overall system status

Overall system status:

- 0: Unknown
- 1: OK
- 2: Warning
- 3: Error

1.4. Configuration Space

This chapter handles commands that deal with the server management configuration space. This space is some non-volatile memory stored in and handled by the SM controller. Each object in this space is identified by a *Value ID* (specified in the *Opcode extension* field of the command header). The length is defined by the *Data Length* field of the command header. The objects can also have an *ObjectIndex* (taken from the command header).

The SM firmware stores all these data objects just as they are sent to it. **No direct actions** are executed on these commands (except storing, of course). Some of these values are also needed by the SM controller, and some are only needed by the agent and/or BIOS. See also table of predefined values.

A write to an object that is already existing replaces the existing object. A write to an object without data deletes the object.

A read from a deleted / non-existing object returns an empty data field.

The *reply* to the read/write commands additionally has to provide the requested *value ID* - together with the command status. If data cannot be read from or written to the configuration space, following command status codes will be replied:

Command / request successful	Data read successfully
No data	Data for this value ID not supported / command failed
Object not available	The object is not available (invalid ObjectIndex)
Checksum error	Checksum error was detected, configuration space cleared
Write on read-only object	The object cannot be written; constant value
Write on write-protected object	The object is write-protected (e.g. setup password existing)
Out of memory	No more memory available to store object
Illegal number of arguments	Value ID, length or data missing

Following Value ID ranges are defined:

0x0000 - 0x1FFF	Predefined configuration values, described below
0x2000 - 0x2FFF	Reserved for SM controller's internal use
0x3000 - 0x3FFF	Values for SNMP agent, value ID's handled by the agent

0x4000 - 0x4FFF	Values for Server Start product, value ID's handled by the Server Start
0x5000 - 0xEFFF	Reserved for future applications
0xF000 - 0xFFFF	Reserved for debugging purpose

See table at appendix for the predefined configuration space values.

The length of the configuration space data is limited to a **maximum of 64 bytes!**

If the config space data is a string, it can be either an ASCII or a **multibyte** string (for international strings). Strings have to be stored **null-terminated!**

1.4.1. ConfigurationSpaceStatus (0xE000)

Name:	ConfigurationSpaceStatus
OpCode:	0xE000
Type:	Command / Event
Description:	Reads status of the SM controller's configuration space.

Reply Data	
DT BYTE	Status

Status:

- 0: Configuration space available, checksum OK
- 1: Configuration space not available
- 2: Checksum error, configuration space cleared



If checksum error occurs in the configuration space, the status 2 (Checksum error, configuration space cleared) persists until the first new value is written into the configuration space.

1.4.2. ReadConfigurationSpace (0xE001)

Name:	ReadConfigurationSpace
OpCode:	0xE001
Type:	Command
ObjectIndex:	ObjectIndex of the specified object, 0x0000 if not needed
Description:	Reads an object from the SM controller's configuration space specified by Value ID and ObjectIndex. If the requested object is deleted / not existing, the command returns an empty data field with status "Command / request successful" !

Reply Data: struct	
Byte (8 Bit) array	Values

if reply data not available: none (status only)

if reply data available: Value data byte 1, Value data byte 2,... Value data byte n.

1.4.3. WriteConfigurationSpace (0xE002)

Name:	WriteConfigurationSpace
OpCode:	0xE002
Type:	Command / Event
ObjectIndex:	ObjectIndex of the specified object, 0x0000 if not needed
Description:	Writes an object to the SM controller's configuration space specified by Value ID and ObjectIndex. If data length is set to zero (no data), the object will be cleared from the configuration space. As an event, it informs all higher-level modules about changes in configuration data (useful e.g. if changes are done over the secondary channel). The written value is returned with the reply data message for the agent's internal data update. If the write operation fails, the current data are replied, not the written data!

Command Data: struct	
Byte (8 Bit) array	Values

if clear object: none, otherwise: Value data byte 1, Value data byte 2,... Value data byte n.

Reply Data: struct	
Byte (8 Bit) array	Values

Value data byte 1, Value data byte 2,... Value data byte n. If there is no more memory to store this value in the config space, the error status 0x11 (Out of memory) is replied!

1.4.4. ExportConfigurationSpace (0xE004)

Name:	ExportConfigurationSpace
OpCode:	0xE004
Type:	Command
Description:	Dumps the complete SM controller's configuration space (all existing values) in order to save it to a file or to copy it into another controller. The ImportConfigurationSpace command (see below) can directly use the data stream of this command.

Reply Data: struct	
Config space value ID	ValueId
Word (16 Bit)	Len
Byte (8 Bit) array	Data

The replied data is a stream of config space value packets, all concatenated to an SCCI data message. The controller can split the stream into smaller messages (if it does not fit into the communication queues), each with the command status More replies following; the last one gets status Command / request successful or No more replies. Value 1, Value 2, Value 3 Each value packet looks as follows: Value Id, Data Length, Data byte 1, Data byte 2, Data byte 3 Data byte n

1.4.5. ImportConfigurationSpace (0xE005)

Name:	ImportConfigurationSpace
OpCode:	0xE005

Name: **ImportConfigurationSpace**
Type: Command
Description: Imports a configuration space value stream (dumped by previous command ExportConfigurationSpace) in order to restore it from a file or to copy from another controller.

Reply / Event data

none

1.4.6. ConfigurationSpaceChanged (0xE006)

Name: **ConfigurationSpaceChanged**
OpCode: **0xE006**
Type: Event
Description: Event that is fired by a BMC or hardware module when one or more configuration space values have been changed. Optional list of the changed configuration space values tell about the value IDs that have been changed.

Reply Data: struct

Config space value ID array	Config space value IDs
-----------------------------	------------------------

Optional list of configuration space value IDs that were changed since agents start or last event. When this list is empty, the value IDs could not be determined.

Chapter 2. Configuration Space Values

2.1. Configuration space values

All strings can have a maximum length of 64 bytes (including the terminating '\0' character)!

2.1.1. Cabinet configuration

Command	Value ID	Data length	Values	Description
C o n f M e s - sageLogNoWrap	0x0007	Disable / Enable inverted	0 : False 1 : True	Disables wrap-around of message logs (False=wrap-around, True=linear); if log goes full, an event "LogFull" is sent.
ConfIELNoWrap	0x0009	Disable / Enable inverted	0 : False 1 : True	Disables wrap-around of internal event log (iEL; False=wrap-around, True=linear).

2.1.2. Watchdogs

Command	Value ID	Data length	Values	Description
ConfBootWatchdogEnable	0x0040	TRUE / FALSE	0 : False 1 : True	Enables / disables the boot watchdog.
ConfBootWatchdogTime	0x0041	Word (16 Bit)	1..7200	Time (seconds) (7200 = 2 hours) after that the boot watchdog will be executed if not retriggered.
ConfSoftWatchdogEnable	0x0042	TRUE / FALSE	0 : False 1 : True	Enables / disables the software watchdog.
ConfSoftWatchdogTime	0x0043	Word (16 Bit)	1..7200	Time (seconds) (7200 = 2 hours) after that the software watchdog will be executed if not retriggered.

2.1.3. Pager / Alarm Settings (old settings)

Command	Value ID	Data length	Values	Description
ConfPagerEnable	0x0050	Disable / Enable	0 : disable 1 : enable	(P/S/R) Enables / disables the pager / SMS / remote access interface.
ConfPagerType	0x0051	C S _ C o n - fPagerType	0 : signal 1 : numeric 2 : alphanumeric 3 : SMS 4 : NTT Docomo 5 : eMail (SMTP)	(P/S) Type of the alarm service
ConfPagerPort	0x0053	C S _ C o n - fPagerPort	0 : COM1 1 : COM2 2 : COM3 3 : COM4	(P) Pager modem COM port (if connected to the system board). If connected to the SM controller, port is always 0

Command	Value ID	Data length	Values	Description
ConfPagerPortBaudRate	0x0055	C S _ C o n - fPagerPort-BaudRate	0 : 1200 1 : 2400 2 : 4800 3 : 9600 4 : 19200 5 : 38400 6 : 57600 7 : 115200	(P/S/R) Baud rate the pager / SMS modem interface works with (bits / second).
ConfPagerModemInit-String	0x0056	STRING	"ATZ 1234..."	(P/S/R) Modem init string, sent at init time; max. length 16 chars.
ConfPagerDialPrefix	0x0057	STRING	"ATDT 0,"	(P/S) Modem dial-up prefix string (without phone number); max. length 16 chars.
ConfPagerDialNumber	0x0058	STRING	"0123456789"	(P/S) Pager / SMS service provider phone number); max. length 16 chars.
ConfPagerUserNumber	0x0059	STRING	"987654321"	(P/S) Pager / SMS user number (subscription number) to identify the pager / mobile phone at the service provider); max. length 16 chars.
ConfPagerMessage	0x005A	STRING	"Error reboot at server XXX"	(P) Message sent to the pager together with the error data (only for alpha-numeric pagers) - not used for SMS!
ConfPagerServerNumber	0x005B	Word (16 Bit)	0..65535	(P) Server identification number for numeric pager messages or remote manager (should be unique for all servers using this pager) - not used for SMS!
ConfPagerUserName	0x005C	STRING	"Mr. Smith"	(P/S) Pager / SMS user name (just for administration)
ConfPagerUserDescription	0x005D	STRING	"Administration Guru"	(P/S) Pager / SMS user description (just for administration)

Also note the extended alarm setting IDs **0x0150 .. 0x016F** !



2.1.4. VT100 remote diagnostic port

Command	Value ID	Data length	Values	Description
ConfVT100Enable	0x0060	Disable / Enable	0 : disable 1 : enable	Enables / disables the VT100 remote terminal port in the SM controller.
ConfVT100Connection-Type	0x0061	C S _ C o n - fVT100ConnectionType	0 : direct 1 : dial-out 2 : dial-in 3 : dial-in/out 4 : dial-in/out with extension	Connection type of VT100 remote port. Can be direct (null modem), dial-in and out.

Command	Value ID	Data length	Values	Description
ConfVT100Enhanced-Mode	0x0062	CS_ConfVT100EnhancedMode	0 : standard 1 : enhanced	Enhanced mode for VT100 remote port. In this mode the modem connection will not be terminated on OS boot (but less conventional memory is available).
ConfVT100Port	0x0063	CS_ConfVT100Port	0 : COM1 1 : COM2 2 : COM3 3 : COM4	VT100 modem COM port (if connected to the system board). If connected to, port is always 0.
ConfVT100IRQ	0x0064	CS_ConfVT100IRQ	0 : IRQ 3 1 : IRQ 4 2 : IRQ 5 3 : IRQ 6 4 : IRQ 7	VT100 remote port IRQ. If connected to the SM controller, this value is not available.
ConfVT100BaudRate	0x0065	CS_ConfVT100BaudRate	0 : 1200 1 : 2400 2 : 4800 3 : 9600 4 : 19200 5 : 38400 6 : 57600 7 : 115200	Baud rate the VT100 remote port modem interface works with (bits / second).
ConfVT100InitString	0x0066	STRING	"ATZ 1234..."	VT100 remote modem init string, sent before dial-up (max. 16 bytes).
ConfVT100DialOutPrefix	0x0067	STRING	"ATDT 0,"	VT100 remote modem dial-up prefix string (without phone number; max. 16 bytes).
ConfVT100DialOutNumber	0x0068	STRING	"012345"	VT100 remote modem dial number (max. 16 bytes).
ConfVT100Password	0x0069	STRING	"tiger"	VT100 remote connection password. Requested at VT100 terminal after connection established.
ConfVT100PasswordEncrypt	0x006A	CS_ConfVT100PasswordEncrypt	0 : plain text 1 : encrypted	Enable VT100 remote port password encryption. A special program named "SMLogin", provided by FUJITSU, is required (see [3] for description).
ConfVT100CallbackDelay	0x006B	CS_ConfCallbackDelay	0 : 0 1 : 30 2 : 60 3 : 90 4 : 120 5 : 240 6 : 360	Time (seconds) the VT100 remote port firmware waits before a callback is started.
ConfVT100MediaType	0x006C	VT100 Media Type	Bit array: bit 0 : serial bit 1 : LAN 1 : Serial 2 : Lan	Selects the media that is used for console redirection (setting multiple bits is possible to allow multiple media being enabled)

Command	Value ID	Data length	Values	Description
ConfVT100Protocol	0x006D	CS_ConfVT100Protocol	0 : VT100 7bit 1 : VT100 8bit 2 : PC-ANSI 7bit 3 : PC-ANSI 8bit 4 : VT100+ 5 : VT-UTF8	Selects the terminal emulation protocol that is used for transmission
ConfVT100FlowControl	0x006E	CS_ConfVT100FlowControl	0 : none 1 : XON/XOFF 2 : CTS/RTS	Handshaking protocol used for the flow control (only for serial media type)

2.1.5. Component failure behavior

Command	Value ID	Data length	Values	Description
ConfBootWatchdogBehavior	0x0074	CS_ConfWatchdogBehavior	0 : continue 2 : reset 3 : NMI 4 : power cycle	Action on boot watchdog timeout. If set to continue, the timeout is logged only, no action.
ConfSoftWatchdogBehavior	0x0075	CS_ConfWatchdogBehavior	0 : continue 2 : reset 3 : NMI 4 : power cycle	Action on software watchdog timeout. If set to continue, the timeout is logged only; no action.
ConfPowerSafeGuardShutdown	0x007A	Power SafeGuard Action	0 : Continue 1 : Shutdown	Specifies whether a Power Safeguard event will shutdown the server node.
ConfPSUPowerInputLimit	0x007B	Word (16 Bit)		Specifies the maximum input power limit for each power supply unit - 0 = no power limit. If this limit is reached, the BMC will reduce the power consumption (i.e. by throttling the CPUs). There is only one single value for all power supply units.

2.1.6. Component settings

Command	Value ID	Data length	Values	Description
ConfBIOSExternalGraphicUsed	0x0083	Disable / Enable	0 : disable 1 : enable	External graphic adapter enable
ConfDisableFanTest	0x0084	Disable / Enable inverted	0 : False 1 : True	Disable all fan tests (at power-on and daily)
ConfSupprPonFanTest-In24Hours	0x0085	Disable / Enable	0 : disable 1 : enable	Enable suppression of power-on fan test if last fan test was already executed the last 24 hours.

Command	Value ID	Data length	Values	Description
C o n f E n f o r c e M a x - FanSpeed	0x0086	Disable / Enable	0 : disable 1 : enable	Fan speed control: Enhanced cooling or enforcement of maximum fan speed to support non-PRIMERGY hardware components – especially PCIe Cards – that require extra cooling.
ConfServerOnTime	0x00A0	CS_Conf-DailyOnOff-Time	Minutes since midnight 0xFFFF : Default	Time of the day when the server should switch on. If time is 0xFFFF, the server does not switch on at this day-of-week.
ConfServerOffTime	0x00A1	CS_Conf-DailyOnOff-Time	Minutes since midnight 0xFFFF : Default	Time of the day when the server should switch off. If time is 0xFFFF, the server does not switch off at this day-of-week.
ConfPowerOnTrapPremonitionTime	0x00A3	Byte (8 Bit)	unit = minutes, default 5 minutes, 0 = disabled	Variable to set a time in minutes at which a warning trap will be initiated prior to a scheduled Power On.
ConfPowerOffTrapPremonitionTime	0x00A4	Byte (8 Bit)	unit = minutes, default 5 minutes, 0 = disabled	Variable to set a time in minutes at which a warning trap will be initiated prior to a scheduled Power Off.
ConfEmergencySystemPowerDownMode	0x00A5	TRUE / FALSE	0 : False 1 : True	When set, the system is powered off immediately instead of a graceful shutdown (for emergency actions, like an immediate power-off request for switching off a broken cluster node as fast as possible).
ConfMemoryMirrorBehaviour	0x00BB	CS_ConfMemMirror-FailBehavior	0 : best performance 1 : always mirror	Defines memory mirror configuration if a memory module has failed and is therefore disabled.
ConfAllMemoryMirrorModeEnable	0x00BC	Disable / Enable	0 : disable 1 : enable	Sets the memory mirror mode.
C o n f A l l C p u H y p e r - ThreadingEnable	0x00BD	Disable / Enable	0 : disable 1 : enable	Enables / disables the hyper threading (SMT: Simultaneous Multi-Threading).
ConfAllMemorySpareModeEnable	0x00BE	Disable / Enable	0 : disable 1 : enable	Enables the memory spare mode.

2.1.7. UPS settings

Command	Value ID	Data length	Values	Description
ConfNumberUps	0x0100	Byte (8 Bit)	0x00..0xFF	Number of configured UPS's for this system (server and all SE).
ConfUpsMaxDischargeTime	0x0102	Byte (8 Bit)	0x00..99	minutes - Time until system shutdown is executed if remains being powered by UPS battery. UPS number specified by ObjectIndex.

Command	Value ID	Data length	Values	Description
ConfUpsAgentOid	0x0103	STRING	"1.3.6.1.4.1..."	OID string for the SNMP agent managing the specified UPS. UPS number specified by ObjectIndex.
ConfUpsAgentIpAddress	0x0104	STRING	"192.168.2.2"	IP address of the SNMP agent managing the specified UPS. UPS number specified by ObjectIndex.
ConfUpsVendor	0x0105	STRING		UPS vendor name. UPS number specified by ObjectIndex.
ConfUpsModel	0x0106	STRING	"Power UPS 7"	UPS model name. UPS number specified by ObjectIndex.
ConfUpsCabinets	0x0107		Cabinet numbers	List of cabinets the UPS is connected to. UPS number specified by ObjectIndex.
ConfNumberBbu	0x0110	C S _ C o n - fNumberBbu	0 : no BBU 1 : BBU avail.	BBU available for the specified cabinet. UPS number specified by ObjectIndex.

2.1.8. Extended alarm settings

Command	Value ID	Data length	Values	Description
ConfAlmModemDataBits	0x0150	C S _ C o n - fAlmModem- DataBits	3 : 7 bits 4 : 8 bits	(S/R) Data bits the alarm modem interface works with (depending on service provider).
ConfAlmModemParity	0x0151	C S _ C o n - fAlmModem- Parity	0 : Even 1 : Odd 2 : None	(S/R) Parity the alarm modem interface works with (depending on service provider).
ConfAlmModemStopBits	0x0152	C S _ C o n - fAlmModem- StopBits	0 : 1 1 : 1.5 (obsolete) 2 : 2	(S/R) Number of stop bits the alarm modem interface works with (depending on service provider).
ConfAlmSmsProtocol	0x0153	C S _ C o n - fAlmSmsPro- tocol	0 : TAP 1 : UCP	(S) SMS protocol used by the service provider. Example: France - Agcom : TAP Germany - D1 : TAP Germany - D2 : UCP
ConfAlmModemReset-String	0x0154	STRING	"AT ... " "ATZ" default value for Agcom	(S/R) Alarm modem reset string, sent before init and dial-up, max. length 16 chars.
ConfAlmPassword	0x0155	STRING	"PASSWORD"	(S/R) SMS password to identify the specific user at the service provider, max. length 16 chars. Empty value: no password; remote access: dial-in password
ConfAlmErrorLevel	0x0156	C S _ C o n - fAlarmError- Level	0 : informational 1 : minor 2 : major 3 : critical	(S) Error forwarding level: all errors with an error level above or equal this value are forwarded, provided in the ConfAlmError-GroupMask the bit with the respective error group is set.
ConfAlmErrorGroupMask	0x0157	C S _ C o n - fAlarmError- GroupMask	(Default 0xfffffff) 0 : Fans	(S) All errors belonging to an error group for which the respective bit position in this mask is set, are forwarded, provided the

Command	Value ID	Data length	Values	Description
			1 : Temperature 2 : Temp. sensor 4 : Voltages 5 : Power Supply 6 : Mains, AC 7 : UPS 8 : BBU 9 : Battery 10 : Cabinet, door 11 : Cpu speed 12 : Mem. module 13 : Shutdown 14 : Watchdog 15 : Internal Error 16 : Selftest 17 : Debug funct. 18 : Event log 19 : Servermgt.	error level is above or equal the ConfAlmErrorLevel value.
ConfAlmModemFlowCtrl	0x0158	C S _ C o n - fAlmModem-FlowCtrl	0 : Hardware 1 : Software	(S/R) Used flow control protocol by the Pager / SMS modem interface
ConfAlmSmsMsgLength	0x0159	C S _ C o n - fAlmSmsMsgLength	0 : 160 chars 1 : 80 chars	(S) Maximum number of characters of a SMS message
ConfAlmRetryInterval	0x015A	Word (16 Bit)	1..n (Default 1)	(S) Interval between alarm sending retries in minutes
ConfAlmRetryCount	0x015B	Word (16 Bit)	0..n (Default 5)	(S) How many times should alarm sending be retried
ConfAlmForwardOnTime	0x015C		Minutes since midnight	(S) Time of the day when the alarm forwarding service is switched on; if the value is 0xFFFF then there is no on time
ConfAlmForwardOffTime	0x015D		Minutes since midnight	(S) Time of the day when the alarm forwarding service is switched off; if the value is 0xFFFF then there is no off time (0 = Sunday, 1 = Monday...)
ConfAlmConnectionType	0x015E	C S _ C o n - fAlmConnectionType	0 : Direct 1 : Dial-in	(R) Remote access connection type (whether modem or direct access via null modem cable, 0 = Sunday, 1 = Monday...)

2.1.9. Product info data

Command	Value ID	Data length	Values	Description
ConfServerAssetTag	0x0210	STRING	Example: "ABG2400S"	Server asset tag string, to be set by the customer
ConfHelpdeskMessage	0x0211	STRING		String to define the helpdesk message in SEL resolutions
ConfBmcAvrTitle	0x0212	STRING	"length 64+NULL"	Caption (title) string for the Advanced Video Redirection (AVR) window. The administrat-

Command	Value ID	Data length	Values	Description
				or can define how the AVR window title is set to distinguish between different AVR windows. Several predefined variables (like %USER% may be used within this text.
ConfMgmtServiceVersion	0x0213	STRING	Example: "6.20.03.06"	Version number of the installed server management base service (ServerControl Service or Agentless Service). The first three fields are the version number; the fourth is the build number.
ConfHasEncryptedPartitions	0x0214	TRUE / FALSE	0 : False 1 : True	Describes whether the installed Windows operating system used any encrypted partitions. This value is mainly intended for use in the Update Manager Express in offline mode (where there is no way to detect BitLocker encrypted Windows partitions). The information is updated during stop of agents or agentless services.
ConfRackName	0x0215	STRING		The name of rack which the chassis mounted on.
ConfChassisHostname	0x0216	STRING		The hostname of the chassis (for blade and multi-node servers with classic management interface).

2.1.10. Alerter global configuration values

Command	Value ID	Data length	Values	Description
ConfAlerterBeepEnable	0x0400	Disable / Enable	0 : disable 1 : enable	Enables or disables the beep alert
ConfAlerterBeepWarningSequence	0x0401		Beep tone sequence of three DWORDs: Frequency in Hz Duration in msec Silence in msec	Tone sequence used to indicate a warning status.
ConfAlerterBeepErrorSequence	0x0402		Beep tone sequence of three DWORDs: Frequency in Hz Duration in msec Silence in msec	Tone sequence used to indicate an error status.
ConfAlerterSMTPConfigNumber	0x0430	Byte (8 Bit)		Number of available SMTP configurations

Command	Value ID	Data length	Values	Description
ConfAlerterSMTPServer	0x0431	STRING	"mail.domain.com"	Domain name of the mail server to be used.
ConfAlerterSMTPPort	0x0432	Word (16 Bit)	0x0000..n (Default 25)	The port number that should be used for accessing a SMTP server
ConfAlerterSMTPResponseTimeout	0x0433	Double Word (32 Bit)		Timeout for SMTP response in seconds
ConfAlerterSMTPRetries	0x0434	Byte (8 Bit)		Number of SMTP retries
ConfAlerterSMTPRetryDelay	0x0435	Double Word (32 Bit)		Delay of SMTP retry in seconds
ConfAlerterSMTPAuthType	0x0436	C S _ C o n - fAlarmSMTPAuthType	0 : None 1 : SMTP 2 : POP	SMTP authentication type, Objectid 0 = primary server Objectid 1 = secondary server
ConfAlerterSMTPAuthPort	0x0437	Word (16 Bit)		SMTP authentication port (only for type POP), Objectid 0 = primary server, Objectid 1 = secondary server
ConfAlerterSMTPAuthUserName	0x0438	STRING		SMTP server authentication user name, Objectid 0 = primary server, Objectid 1 = secondary server
ConfAlerterSMTPAuthPassword	0x0439	Password		SMTP server authentication password, Objectid 0 = primary server, Objectid 1 = secondary server
ConfAlerterSMTPUseTLS	0x043A	TRUE / FALSE	Off 0 : False 1 : True	Switches usage of SMTPS (TLS) for the SMTP server port on or off

2.1.11. System display storage

Command	Value ID	Data length	Values	Description
StorStaticDisplayStrings	0x1100	STRING	Static text line to be shown on LCD display	Static strings for LCD display. The line number is specified by ObjectIndex. The contents of the strings can be defined by the user / administrator. There is a maximum of 16 lines that can be stored. The number of lines to be actually shown on the LCD display is defined by <i>StorStaticNrDisplayStrings</i> .
StorStaticNrDisplayStrings	0x1101	Word (16 Bit)		Number of LCD text lines to be shown
ConfDisplaySysInfoValues	0x1110		Array of config space value WORDs	List of config space values displayed on the LCD system display in "System Information Mode". These are usually values from the "Product info data" section, but can be any string values. A value of 0xFFFF defines an empty display line.

Command	Value ID	Data length	Values	Description
ConfDisplaySeverityFilter	0x1120	SEL / iEL severity filters	Supported values: Informational, Minor, Major, Critical, CSSOnly 0 : Critical 1 : Major 2 : Minor 3 : Informational 4 : CSSOnly 5 : ShowActionAfterError	Mask to filter SEL entries in LCD panel based on the severity.
ConfDisplaySeverityFilterWeb	0x1121	SEL / iEL severity filters	Supported values: Informational, Minor, Major, Critical, CSSOnly, ShowActionAfterError 0 : Critical 1 : Major 2 : Minor 3 : Informational 4 : CSSOnly 5 : ShowActionAfterError	Mask to filter SEL entries in BMC web interface based on the severity.
ConfDisplaySeverityFilterWebIEL	0x1123	SEL / iEL severity filters	Supported values: Informational, Minor, Major, Critical 0 : Critical 1 : Major 2 : Minor 3 : Informational 4 : CSSOnly 5 : ShowActionAfterError	Mask to filter iEL (internal event log) entries in BMC web interface based on the severity.
ConfPowerDisplayUnit	0x1130	Power Display Unit	0 = Watt 1 = BTU/h 0 : Watt 1 : BTUperh	Unit to display power information

Command	Value ID	Data length	Values	Description
ConfTemperatureDisplay-Unit	0x1131	Temperature Display Unit	0 = Celsius 1 = Fahrenheit 0 : Celsius 1 : Fahrenheit	Unit to display temperature information

2.1.12. Management controller LAN interface configuration

Command	Value ID	Data length	Values	Description
ConfIPAddress	0x1200		141.29.52.179 is 8D 1D 34 B3	The service processor's IP address
ConfIPSubnetMask	0x1201		255.255.255.128 is FF FF FF 80	The service processor's IP subnet mask
ConfIPGateway	0x1202		141.29.52.179 is 8D 1D 34 B3	The IP gateway to use
ConfIPDnsServer	0x1203		141.29.52.179 is 8D 1D 34 B3	The first DNS server to use
ConfIPDnsServer2	0x1204		141.29.52.179 is 8D 1D 34 B3	The second DNS server to use
ConfMacAddress	0x1205		i.e. 0060973D0566	MAC address (ethernet address) of the controller's LAN interface
ConfIPNominalSpeed	0x1206	CS_ConfIP-NominalSpeed	0 : auto negotiate 1 : 100 MBit FD 2 : 100 MBit HD 3 : 10 MBit FD 4 : 10 MBit HD 5 : 1000 MBit	Nominal speed of the controller's LAN interface (FD=full duplex, HD=falf duplex). The actual speed can be read with command NetworkInfoIfActualSpeed (0x1709 - same status values).
ConfIPUseDHCP	0x1210	TRUE / FALSE	0 : False 1 : True	Specifies whether to use DHCP to determine the service processor's IP address
ConfIPUseDNS	0x1211	TRUE / FALSE	0 : False 1 : True	Specifies whether to use DNS to determine e.g. the mail server's IP address
ConfIPUsePPP	0x1212	TRUE / FALSE	0 : False 1 : True	Specifies whether to activate PPP on the service processor's serial line or to use direct serial access
ConfIPForceHTTPS	0x1213	TRUE / FALSE	0 : False 1 : True	Specifies whether to enforce SSL encryption (HTTPS) on the service processor's web based interface; if set, only encrypted (SSL) communication can be used, if not HTTP is also possible
ConfIPHttpPort	0x1220	Word (16 Bit)	0..n (Default 80)	The port number that should be used for the HTTP server

Command	Value ID	Data length	Values	Description
ConfIPTelnetPort	0x1221	Word (16 Bit)	0..n (Default 2307)	The port number that should be used for the telnet daemon
ConfIPTelnetDropTime	0x1222	Word (16 Bit)	0..7200 (Default 600)	Inactivity interval (seconds) after which a telnet connection will be automatically disconnected, 0 = not active (no disconnect)
ConfIPTelnetForceSSL	0x1223	TRUE / FALSE	0 : False 1 : True	If this flag is set, an SSL Telnet session is enforced; if not, unencrypted Telnet can be used.
ConfIPPowerManPort	0x1224	Word (16 Bit)	0..n (Default 2402)	The TCP/IP port number that should be used for being contacted as a storage sub-system (listen).
ConfIPHttpsPort	0x1225	Word (16 Bit)	0..n (Default 443)	The port number that should be used for the HTTPS server (SSL only)
ConfEnableManagement-LAN	0x1226	Disable / Enable	0 : disable 1 : enable	A LAN based communication interface between a remote system and the local BMC (Baseboard Management Controller). It is used for transferring IPMI commands to the BMC and for 'Console Redirection' (text and graphical) via LAN.
ConfIPTCPConnection-Timeout	0x1227	Word (16 Bit)		TCP connection timeout in seconds for BMC (for future use).

2.1.13. Alarm Management configuration

Command	Value ID	Data length	Values	Description
ConfAlarmEnable	0x1240	Disable / Enable	0 : disable 1 : enable	Enables / disables the alarm
ConfAlarmType	0x1241	CS_ConfAlarmType	0 : signal 1 : numeric 2 : alphanumeric 3 : SMS 4 : NTT Docomo 5 : eMail (SMTP)	Type of the alarm service
ConfAlarmErrorLevel	0x1242	CS_ConfAlarmErrorLevel	0 : informational 1 : minor 2 : major 3 : critical	Error forwarding level: all errors with an error level above or equal this value are forwarded, provided in the ConfAlarmErrorGroupMask the bit with the respective error group is set.
ConfAlarmErrorGroupMask	0x1243	CS_ConfAlarmErrorGroupMask	0..0xfffffff (Default 0xfffff) 0 : Fans 1 : Temperature 2 : Temp. sensor 4 : Voltages 5 : Power Supply 6 : Mains, AC 7 : UPS	All errors belonging to an error group for which the respective bit position in this mask is set, are forwarded, provided the error level is above or equal the ConfAlarmErrorLevel value.

Command	Value ID	Data length	Values	Description
			8 : BBU 9 : Battery 10 : Cabinet, door 11 : Cpu speed 12 : Mem. module 13 : Shutdown 14 : Watchdog 15 : Internal Error 16 : Selftest 17 : Debug funct. 18 : Event log 19 : Servermgt.	
ConfAlarmRetryCount	0x1244	Word (16 Bit)	0..n (Default 5)	How many times should alarm sending be retried
ConfAlarmRetryInterval	0x1245	Word (16 Bit)	1..n (Default 1)	Interval between alarm sending retries in minutes
ConfAlarmForwardOn-Time	0x1246		Minutes since midnight	Times of the day when the alarm forwarding service is switched on; if the value is 0xFFFF then there is no on time (unsigned short 0=Sunday, unsigned short 1=Monday, ...)
ConfAlarmForwardOff-Time	0x1247		Minutes since midnight	Times of the day when the alarm forwarding service is switched off; if the value is 0xFFFF then there is no off time (unsigned short 0=Sunday, unsigned short 1=Monday, ...)
ConfAlarmModemInit-String	0x1248	STRING	"ATZ 1234..."	Modem init string, sent directly before dial-up; max. length 16 chars.
ConfAlarmModemReset-String	0x1249	STRING	"AT ... " "ATZ" default value for Agcom	Alarm modem reset string, sent after dial-up, max. length 16 chars.
ConfAlarmDialPrefix	0x124A	STRING	"ATDT 0,"	Alarm modem dial-up prefix string (without phone number); max. length 16 chars.
ConfAlarmDialNumber	0x124B	STRING	"0123456789"	Alarm phone number (for pager it's the service provider's phone number); max. length 16 chars.
ConfAlarmActivityPrompt	0x124C	STRING	">"	Pager service activity prompt (prompting for pager number after connect)
ConfAlarmConnection-Type	0x124D	CS_ConfAlarmConnectionType	0 : Direct 1 : Dial-in	Alarm forwarding connection type (whether modem or direct access via null modem cable)
ConfAlarmConnectBehavior	0x124E	CS_ConfAlarmConnectBehavior	0 : no alerts when agent is started 1 : always alerts	If set to 1, alerts (Pager, eMails_) are sent regardless of whether an agent is connected or not; if 0, only when no agent connected

Command	Value ID	Data length	Values	Description
ConfAlarmPassword	0x124F	STRING	"PASSWORD"	Password to identify the specific user at the service provider, max. length 16 chars. Empty value: no password; remote access: dial-in password
ConfAlarmServerNumber	0x1250	Word (16 Bit)	0..65535	Server identification number for numeric pager messages or remote manager (should be unique for all servers using this pager) not used for SMS!
ConfAlarmUserName	0x1251	STRING	"Mr. Smith"	Alarm user name (just for administration)
ConfAlarmUserDescription	0x1252	STRING	"Administration Guru"	Alarm user description (just for administration)
ConfAlarmServerGroup	0x1253	CS_ConfAlarmServerGroup	0 : local server 1 : primary server group 2 : secondary server group	Specifies the alarm source this alarm is valid for - the server from which the alarm has been created. If the value does not exist, or no sources are set, the alarm is valid for all sources.
ConfAlarmPagerUserNumber	0x1258	STRING	"987654321"	Pager / SMS user number (subscription number) to identify the pager / SMS sender at the service provider); max. length 16 chars.
ConfAlarmSmsProtocol	0x1260	CS_ConfAlarmSmsProtocol	0 : TAP 1 : UCP	SMS protocol used by the service provider. Example: France - Agcom : TAP Germany - D1 : TAP Germany - D2 : UCP
ConfAlarmSmsMsgLength	0x1261	CS_ConfAlarmSmsMsgLength	0 : 160 chars 1 : 80 chars	Maximum number of characters of a SMS message

2.1.14. Alarm Email authentication parameter set

Command	Value ID	Data length	Values	Description
ConfAlarmEmailSMTPAuthType	0x1270	CS_ConfAlarmSMTPAuthType	0 : None 1 : SMTP 2 : POP	Email alarm authentication type ObjectIndex 0 = primary server; ObjectIndex 1 = secondary server.
ConfAlarmEmailSMTPAuthUserName	0x1272	STRING		Email alarm authentication user name ObjectIndex 0 = primary server; ObjectIndex 1 = secondary server.
ConfAlarmEmailSMTPAuthPassword	0x1273	Password		Email alarm authentication password ObjectIndex 0 = primary server; ObjectIndex 1 = secondary server.

2.1.15. Email alert settings

Command	Value ID	Data length	Values	Description
ConfAlarmITSCountryCode	0x1278	STRING		tbd. Country code like "DE", "EN",...

Command	Value ID	Data length	Values	Description
ConfAlarmITSCustomerId	0x1279	STRING		tbd. max. 8 bytes
ConfSendChassisEmailAlerting	0x127A	TRUE FALSE	/ 0 : False 1 : True	Specifies whether or not email alerts for chassis events should be sent by the iRMC. If set to <i>True</i> (default), all chassis events (fan, PSU, ambient temperature...) are sent as email alerts. This should be used by standalone servers only. For blade and CX servers, where multiple servers share the same chassis, every server would get this event and send the same alert. To avoid this, only one blade in that chassis should send email alerts; all others should have this option cleared (<i>False</i>).
ConfBMCAcctUserSendChassisEmailAlerts	0x127B	TRUE FALSE	/ 0 : False 1 : True	Specifies whether or not email alerts for chassis events should be sent by the iRMC for a specified user. If set to <i>True</i> (default), all chassis events (fan, PSU, ambient temperature...) are sent as email alerts if the corresponding filter does not prohibit the alert. If set to <i>False</i> , all chassis events are suppressed to send an email alert. The setting of this CSV has no effect on standalone servers. For blade and CX servers, where multiple servers share the same chassis, every server would get this event and send the same alert. To avoid this, only one blade in that chassis should send email alerts; all others should have this option cleared (<i>False</i>).
ConfAlarmSMTPUseSSL	0x127C	TRUE FALSE	/ 0 : False 1 : True	Enable SSL for SMTP email transmission. ObjectIndex 0 = primary server; ObjectIndex 1 = secondary server.
ConfAlarmSMTPVerifyCert	0x127D	TRUE FALSE	/ 0 : False 1 : True	Verify the server's SSL certificate on SSL encrypted SMTP email transmission. ObjectIndex 0 = primary server; ObjectIndex 1 = secondary server.
ConfAlarmAttachOsStopScreenshotEnabled	0x127E	TRUE FALSE	/ 0 : False 1 : True	When a critical O/S stop ("blue screen of death") platform event occurs the generation of a screenshot is automatically triggered by the BMC. This value specifies whether the BMC should attach this screenshot to the corresponding email alert (as a JPEG file).

Command	Value ID	Data length	Values	Description
ConfAlarmMailTo	0x1280	STRING	"dilbert@ts.fujitsu.com"	To: Email receiver address to be used by the alarm handler.
ConfAlarmMailFrom	0x1281	STRING	"wally@ts.fujitsu.com"	From: Email sender address to be used by the alarm handler.
ConfAlarmMailServer	0x1282	STRING	"mail.ts.fujitsu.com"	Host name of the mail server to be used. ObjectIndex 0 = primary server; ObjectIndex 1 = secondary server.
ConfAlarmSMTPPort	0x1283	Word (16 Bit)	0x0000..n (Default 25)	The port number that should be used for accessing the SMTP server. ObjectIndex 0 = primary server; ObjectIndex 1 = secondary server.
ConfAlarmMailSubject	0x1284	STRING	"RM-MSG- 123456"	Subject: mail subject to be used by the alarm handler. Max. size is 63.
ConfAlarmMailMessage	0x1285	STRING	"Fan failure"	Message: user defined message part to be used by the alarm handler. Max. size is 63.
ConfAlarmMailUserInfo0	0x1286	STRING	"Mr. Customer"	Additional user defined information included in predefined mail messages.
ConfAlarmMailUserInfo1	0x1287	STRING	"+4989653882"	Additional user defined information included in predefined mail messages.
ConfAlarmMailType	0x1288	C S _ C o n - fAlarmMail-Type	0 : Standard 1 : ITS-Format 2 : REMCS 3 : Fixed Subject 4 : SMS	Determines the layout of the email text.
ConfAlarmSMTPRetries	0x128A	Byte (8 Bit)		Number of SMTP retries
ConfAlarmSMTPRetry-Delay	0x128B	Word (16 Bit)		Delay of SMTP retry in seconds
ConfAlarmServerURL	0x128C	STRING		URL of alarm server
ConfAlarmSMTPResponseTimeout	0x128D	Word (16 Bit)		Timeout for SMTP response in seconds
ConfAlarmNrSMTPServers	0x128E	Byte (8 Bit)		Maximum number of supported SMTP servers
ConfAlarmUseAddress-Literal	0x128F	Disable / Enable	0: Use FQDN in EHLO/HELO if FQDN is valid	Select between FQDN and numeric address representation when connecting to a SMTP Server (see RFC5321 for details); default = 0 (shown in iRMC WebUI as selected).

Command	Value ID	Data length	Values	Description
			1: Force use of address literal (numeric IP address) in EHLO/HELO 0 : disable 1 : enable	ObjectIndex 0 = primary server; ObjectIndex 1 = secondary server.

2.1.16. Remote Manager Serial Line settings

Command	Value ID	Data length	Values	Description
ConfSerLineEnable	0x1290	Disable / Enable	0 : disable 1 : enable	Enables / disables the remote manager serial line in the SM controller.
ConfSerLineConnection-Type	0x1291	CS_ConfSerLineConnectionType	0 : direct 1 : dial-out 2 : dial-in 3 : dial-in/out 4 : dial-in/out with extension	Connection type of the serial line. Can be direct (null modem), dial-in and out.
ConfSerLineBaudRate	0x1292	CS_ConfSerLineBaudRate	0 : 1200 1 : 2400 2 : 4800 3 : 9600 4 : 19200 5 : 38400 6 : 57600 7 : 115200	Baud rate the serial line modem interface works with (bits / second).
ConfSerLineInitString	0x1293	STRING	"ATZ 1234..."	Serial line init string, sent at controller initialization time (max. 16 bytes).

2.1.17. Management controller user account configuration

Command	Value ID	Data length	Values	Description
ConfAcctNrUsers	0x1300	Word (16 Bit)	0..8	Number of user accounts stored
ConfAcctUserName	0x1301	STRING	"root"	Name of service processor user. The user number is specified by ObjectIndex. Max. length is 20.
ConfAcctUserPassword	0x1302	Password	"Top4secret!"	Clear text password for a user. The user number is specified by ObjectIndex. Max length is 64.

Command	Value ID	Data length	Values	Description
ConfAcctUserPermissions	0x1303	CS_ConfAcctUserPermissions	0x00..0xFF 0 : Configure users 1 : Reset/switch off 2 : Modify values 3 : Console access 4 : File transfer 5 : Binary access 0xFF : Unlimited access	Bit mask specifying the things a user is allowed to do. The user number is specified by ObjectIndex.

2.1.18. Management controller SNMP interface configuration

Command	Value ID	Data length	Values	Description
ConfSnpNrCommunities	0x1400	Word (16 Bit)	0..8	Number of SNMP communities stored (used by Copernicus A)
ConfSnpCommunityName	0x1401	STRING	"public"	Name of the SNMP community (used by Copernicus A and RMC). The community number is given by ObjectIndex.
ConfSnpCommunityPermissions	0x1402	CS_ConfSnpCommunityPermissions	0 : read 1 : read/write	The permissions for a SNMP community (used by Copernicus A). The community number is given by ObjectIndex.
ConfBMCSnpNrTrapCommunities	0x1404	Byte (8 Bit)		Maximum number of BMC SNMP communities for sending with SNMP traps - obsolete; only one community possible!
ConfBMCSnpTrapCommunityName	0x1405	STRING	e.g. "public"	Name of the BMC SNMP community for sending with SNMP traps.
ConfBMCSnpServiceCommunityPermissions	0x1406	CS_ConfSnpCommunityPermissions	0 : read 1 : read/write	The permissions for the BMC SNMP service community.
ConfBMCSnpServicePort	0x1407	Word (16 Bit)		The network port number on that the BMC SNMP service is listening for SNMP requests.
ConfBMCSnpServiceEnable	0x1408	Disable / Enable	0 : disable 1 : enable	Enables the SNMP service in the BMC.
ConfBMCSnpServiceCommunityName	0x1409	STRING	e.g. "public"	Community name for SNMP service access.
ConfBMCSnpServiceEnableV3Only	0x140A	CS_ConfSnpServiceEnableV3Only	0 : All 1 : V3only	If set, only SNMP V3 protocol is used (SNMP V1 and V2 access are disabled).
ConfBmcSnpServiceV3EngineId	0x140B	STRING		SNMP V3 engine ID string for SNMP trap engine.
ConfBmcSnpTrapDestV3User	0x140E	Byte (8 Bit)		Defines the index of an SNMPv3 enabled user (in BMC user table; see 0x145x values) for SNMPv3 traps.

Command	Value ID	Data length	Values	Description
ConfBmcSnmpTrapDest-Protocol	0x140F	CS_ConfSnmpEnableV3Only	0 : SNMPv1 1 : SNMPv2c 2 : SNMPv3	The SNMP protocol to be used for the specified trap destination (ObjectIndex is trap destination number).
ConfSnmpNrTrapDest	0x1410	Word (16 Bit)	0..16	Number of trap destinations stored
ConfSnmpTrapDestName	0x1411	STRING	"bighole" or "141.29.52.179"	Name of the SNMP trap destination or its IP address. The destination number is given by ObjectIndex.
ConfBMCSnmpNrTrapDest	0x1412	Byte (8 Bit)		Maximum number of BMC trap destinations.
ConfBMCSnmpTrapDest-Name	0x1413	STRING		Name of the BMC SNMP trap destination or its IP address. The destination number is given by ObjectIndex.

2.1.19. Baseboard management controller port settings

Command	Value ID	Data length	Values	Description
ConfBMCHttpPort	0x1420	Word (16 Bit)		BMC HTTP server port, default: 80
ConfBMCHttpsPort	0x1421	Word (16 Bit)		BMC HTTPS server port, default: 443
ConfBMCTelnetPort	0x1422	Word (16 Bit)		BMC Telnet server port, default: 3172
ConfBMCSshPort	0x1423	Word (16 Bit)		BMC SSH server port, default: 22
ConfBMCSmtpPort	0x1424	Word (16 Bit)		BMC SMTP port used for sending email alerts (default: 25)
ConfBMCForceHttpsPort	0x1425	Disable / Enable	0 : disable 1 : enable	Force HTTPS (0: disabled = HTTP, 1: enabled = HTTPS)
ConfBMCTelnetEnable	0x1426	Disable / Enable	0 : disable 1 : enable	Telnet server enable
ConfBMCSshEnable	0x1427	Disable / Enable	0 : disable 1 : enable	SSH server enable
ConfBMCVNCPort	0x1428	Word (16 Bit)		BMC VNC port (for video redirection)
ConfBMCVNCSecurePort	0x1429	Word (16 Bit)		BMC VNC secure port (for video redirection)
ConfBMCRemoteStorage-Port	0x142A	Word (16 Bit)		BMC remote storage port
ConfBMCRemoteStorageSecurePort	0x142B	Word (16 Bit)		BMC remote storage secure port
ConfBMCKMPort	0x142C	Word (16 Bit)		BMC keyboard mouse port
ConfBMCKMSecurePort	0x142D	Word (16 Bit)		BMC keyboard mouse secure port

Command	Value ID	Data length	Values	Description
ConfBMCVideoPort	0x142E	Word (16 Bit)		BMC video port
ConfBMCVideoSecure-Port	0x142F	Word (16 Bit)		BMC video secure port

2.1.20. Baseboard management controller network name (DNS name) settings

Command	Value ID	Data length	Values	Description
ConfBMCNetworkName	0x1430	STRING		BMC network name prefix (used for DNS name provisioning)
ConfBMCUseNetwork-Name	0x1431	Disable / Enable	0 : disable 1 : enable	Enable constructed BMC network name by DNS (not server name)
ConfBMCNameExtension	0x1432	STRING		BMC network name suffix, (used for DNS name provisioning)
ConfBMCAddSerialNumber	0x1433	Disable / Enable	0 : disable 1 : enable	Enable serial number in constructed BMC network name
ConfBMCAddExtension	0x1434	Disable / Enable	0 : disable 1 : enable	Enable suffix in constructed BMC network name
ConfBMCRegisterFqdn-WithDhcpInDNS	0x1435	Disable / Enable	0 : disable 1 : enable	Select if only the hostname part or complete FQDN (Fully Qualified Domain Name) is sent to the DHCP server for registration This value is obsolete and should no longer be used in newer implementations. Use ConfBMCRegisterDns instead. If used anyway, only one of this value, ConfBMCRegisterDHCPinDNS and ConfBMCDNSUpdateEnabled can be set at a time! Clear other set value before a new value can be set.
ConfBMCDNSRetries	0x1436	Byte (8 Bit)	max value = 10	Number of DNS Retries per server
ConfBMCDNSTimeout	0x1437	Byte (8 Bit)	max value = 30	Timeout in seconds for a single DNS lookup on a server
ConfBMCMTU	0x1438	Word (16 Bit)	576 - 1500	The MTU (Max. Transmission Unit) of the network interface

2.1.21. Baseboard management controller settings

Command	Value ID	Data length	Values	Description
ConfBMCIPAddr	0x1440		141.29.52.179 is 8D 1D 34 B3	Management interface IP address of a BMC (baseboard management controller like Kalypso, Kronos, ...)
ConfBMCNetmask	0x1441		255.255.255.128 is FF FF FF 80	IP subnet mask of a BMC

Command	Value ID	Data length	Values	Description
ConfBMCGateway	0x1442		141.29.52.254 is 8D 1D 34 FE	IP default gateway of a BMC
ConfBMCMAAddr	0x1445			MAC address of the baseboard management controller
ConfBMCUseDHCP	0x1446	C S _ C o n - fIPUseDHCP	0 : DHCP disabled 1 : DHCP enabled	DHCP usage of baseboard management controller
ConfBMCGatewayMAC- Addr	0x1447			Default gateway MAC address of a BMC
ConfBMCBackupGate- way	0x1448		141.29.52.254 is 8D 1D 34 FE	IP backup gateway of a BMC
ConfBMCBackupGate- wayMACAddr	0x1449			Backup gateway MAC address of a BMC
ConfBMCRegisterDH- CPinDNS	0x144A	Disable / En- able	0 : disable 1 : enable	Register BMC DHCP address and name in DNS (via DHCP) This value is obsolete and should no longer be used in newer implementations. Use ConfBMCRegisterDns instead. If used anyway, only one of this value, ConfBMCRegisterFqdnWithDhcpInDNS and ConfBMCDNSUpdateEnabled can be set at a time! Clear other set value before a new value can be set.
ConfBMCUseDNS	0x144B	Disable / En- able	0 : disable 1 : enable	DNS usage of baseboard management controller
ConfBMCObtainDNSfrom- DHCP	0x144C	Disable / En- able	0 : disable 1 : enable	Enable BMC to obtain DNS setup from DHCP
ConfBMCDNSDomain	0x144D	STRING	length: 48 char incl. NULL termination	BMC DNS domain name
ConfBMCDNSNrDNSServer	0x144E	Word (16 Bit)		BMC Number of DNS server
ConfBMCDNSServer	0x144F			BMC DNS servers
ConfBMCRegisterDNS	0x14F8	R e g i s t e r n a m e i n D N S	0 : None 1 : Register name via DHCP address in DNS 2 : Register FQDN via DHCP	Specify BMC DNS name registration. This value replaces the previous, obsolete values ConfBMCRegisterDHCPinDNS, ConfBMCRegisterFqdnWithDhcpInDNS and ConfBMCDNSUpdateEnabled. If this

Command	Value ID	Data length	Values	Description
			address in DNS 3 : Update DNS	new value is available, the obsolete values should not be used.

2.1.22. Baseboard management controller user account settings

Command	Value ID	Data length	Values	Description
ConfBMCAcctNrUsers	0x1450	Word (16 Bit)		Number of user accounts stored on local BMC
ConfBMCAcctUserName	0x1451	STRING	"root"	Name of BMC processor user. The user number is specified by ObjectIndex. Max. length is 20.
ConfBMCAcctUserPassword	0x1452	Password	"Top4secret!"	Plain text password for a BMC user. The user number is specified by ObjectIndex.
ConfBMCAcctUserEnableConfigUser	0x1453	Disable / Enable	0 : disable 1 : enable	BMC user can configure user accounts
ConfBMCAcctUserGroup	0x1454	CS_ConfBMCAcctPrivilege	0x00 : Reserved 0x01 : Callback 0x02 : User 0x03 : Operator 0x04 : Administrator 0x05 : OEM Proprietary 0x0F : No Access	IPMI based group LAN privilege level as string.
ConfBMCAcctUserDescription	0x1455	STRING	"USER"	Description for BMC user.
ConfBMCAcctUserDialBack	0x1456	STRING		Dial Back Number for BMC user. The user number is specified by ObjectIndex.
ConfBMCAcctUserEnable	0x1457	Disable / Enable	0 : disable 1 : enable	Enable user of baseboard management controller
ConfBMCAcctUserEmailAddress	0x1458	STRING	"user@domain.com"	Email address for a BMC user. The user is specified by object index.
ConfBMCAcctUserShell	0x1459	CS_ConfBMCAcctUserShell	0 : CLP 2 : Remote Management 4 : IPMI terminal mode 5 : No shell 6 : No shell (prior to iRMC S4)	Preferred Shell of BMC user. The user number is specified by object index.
ConfBMCAcctUserEnableEmailPaging	0x145A	Disable / Enable	0 : disable 1 : enable	Enable email paging of BMC user
ConfBMCAcctUserGroupSerial	0x145B	CS_ConfBMCAcctPrivilege	0x00 : Reserved 0x01 : Callback 0x02 : User	IPMI based group Serial privilege level as string. The user number is specified by ObjectIndex.

Command	Value ID	Data length	Values	Description
			0x03 : Operator 0x04 : Administrator 0x05 : OEM Proprietary 0x0F : No Access	
ConfBMCAcctUserPreferredMailServer	0x145C	CS_ConfBMCAcctPreferredMailServer	0 : Auto 1 : Primary 2 : Secondary	Preferred Mail Server for paging of BMC user. The user number is specified by object index.
ConfBMCAcctUserEnableConfigBMC	0x145D	Disable / Enable	0 : disable 1 : enable	BMC user can configure BMC
ConfBMCAcctUserEnableUseAVR	0x145E	Disable / Enable	0 : disable 1 : enable	BMC user can use Advanced Video Redirection
ConfBMCAcctUserEnableUserStorage	0x145F	Disable / Enable	0 : disable 1 : enable	BMC user can use Remote Storage
ConfBMCSnmpV3UserServiceEnabled	0x1415	Disable / Enable	0 : disable 1 : enable	iRMC SNMP V3 access enabled for this user. All these SNMP V3 values are part of the user table "Baseboard management controller user account settings" (0x1450...).
ConfBMCSnmpV3UserAuthType	0x1416	User SNMP authorization type	0 : Undefined 1 : SHA1 2 : MD5 3 : None	SNMP V3 user authentication type.
ConfBMCSnmpV3UserPrivType	0x1417	User SNMP privacy encryption type	0 : Undefined 1 : DES 2 : AES 3 : None	SNMP V3 user privacy encryption type.
ConfBMCSnmpV3UserAccessType	0x1418	User SNMP access type	0 : read-only 1 : read-write 2 : other/reserved	SNMP V3 user access type.
ConfBMCAcctUserSecureMimeCertificate	0x1466	STRING		Certificate storage for S/MIME email encryption. This is the S/MIME public key that is required to encrypt emails for the specified user.
ConfBMCAcctUserSendEmailAlertsEncrypted	0x1467	Disable / Enable	0 : disable 1 : enable	Specifies whether alerting BMC emails are sent S/MIME encrypted (S/MIME encryption only, so signing).
ConfBMCAcctUserSmsEmailWithExtraSubject	0x1468	Disable / Enable	0 : disable 1 : enable	Send SMS emails with extra subject or with severity as subject.
ConfBMCAcctUserSmsEmailExtraSubject	0x1469	STRING		SMS specific subject (gateway provider specific).

Command	Value ID	Data length	Values	Description
ConfBmcAcctUserEnableEmailAttachReport	0x146A	TRUE / FALSE	0 : False 1 : True	Enable attaching system report to the alert emails (per user).

2.1.23. LAN management controller management IP address (in IBM Condor Controller)

Command	Value ID	Data length	Values	Description
ConfLMCIpAddr	0x14A0			IP address of the local management controller (Condor)
ConfLMCNetmask	0x14A1			IP network mask of the local management controller
ConfLMCGateway	0x14A2			IP address of the default gateway of the local management controller
ConfLMCUseDHCP	0x14A3	CS_ConfIPUseDHCP	0 : DHCP disabled 1 : DHCP enabled	Enables or disables DHCP of the local management controller
ConfLMCIfMacAddress	0x14A4			MAC address of the local management controller
ConfLMCHostOS	0x14A5	CS_ConfLMCHostOS	1 : Other OS 2 : Linux OS	Host OS stored in LMC RSA II, settable only in ServerStart mode. To take effect this value needs an RSA II reset. Caution: changing will cause RSA II service to fail, only allowed in ServerStart session!

2.1.24. Remote Management Controller (RMC) LAN interface settings (RSB S2)

Command	Value ID	Data length	Values	Description
ConfRMCIpAddress	0x14B0		1.2.3.4 is 01020304 172.20.34.0 is C1422000	IP address for the remote management controller. The IP address is stored as a four byte long hexadecimal value.
ConfRMCIpSubnetMask	0x14B1		255.255.0.0 is FFFF0000	IP subnet mask for the remote management controller. The IP address is stored as a four byte long hexadecimal value.
ConfRMCIpGateway	0x14B2		1.2.3.4 is 01020304 172.20.34.0 is C1422000	IP gateway address of the remote management controller. The IP address is stored as a four byte long hexadecimal value.
ConfRMCIpUseDHCP	0x14B3	CS_ConfIPUseDHCP	0 : DHCP disabled 1 : DHCP enabled	Enables or disables DHCP for the RMC
ConfRMCIpNominalSpeed	0x14B4	CS_ConfIPNominalSpeed	0 : auto negotiate 1 : 100 MBit FD 2 : 100 MBit HD 3 : 10 MBit FD 4 : 10 MBit HD 5 : 1000 MBit	Speed of the LAN Interface

Command	Value ID	Data length	Values	Description
ConfRMCIpForceHttpSSL	0x14B5	Disable / Enable	0 : disable 1 : enable	Enables SSL for HTTP connections
ConfRMCIpForceTelnetSSL	0x14B6	Disable / Enable	0 : disable 1 : enable	Enables SSL for telnet connections
ConfRMCIpHttpPort	0x14B7	Word (16 Bit)	0..65535	HTTP connection port
ConfRMCIpHttpsPort	0x14B8	Word (16 Bit)	0..65535	HTTPS connection port
ConfRMCTelnetPort	0x14B9	Word (16 Bit)	0..65535	Telnet connection port
ConfRMCIpMacAddress	0x14BA		i.e. 0060973D0566	MAC address of the RMC controller (Read only)
ConfRMCTelnetEnable	0x14BB	Disable / Enable	0 : disable 1 : enable	Telnet enable
ConfRMCTelnetDrop-Time	0x14BC	Disable / Enable	0 : disable 1 : enable	Inactivity interval (seconds) after which a telnet connection will be automatically disconnected, 0 = not active (no disconnect)

2.1.25. Remote Management Controller (RMC) user account settings (RSB S2)

Command	Value ID	Data length	Values	Description
ConfRMCAcctNrUsers	0x14C0	Word (16 Bit)	0..8	Number of user accounts stored in remote manager user configuration. This value is read only!!
ConfRMCAcctUserName	0x14C1	STRING	"root"	Name of user on remote management controller. The user is specified by object index. The maximum length is 64 bytes.
ConfRMCAcctUserPassword	0x14C2			16 byte long MD5 encrypted password for the remote management controller user. The user is specified by object index.
ConfRMCAcctUserGroup	0x14C4	STRING	Valid values are: ADMINISTRATOR USER OPERATOR CALLBACK	IPMI based group privilege level as string. The user is specified by object index.
ConfRMCAcctUserDescription	0x14C5	STRING	"Root account"	Description for remote management controller user. The user is specified by object index. The maximum length is 64 bytes.
ConfRMCAcctUserDial-Back	0x14C6	STRING	"12312353"	Dial Back Number for remote controller user. The user is specified by object index. The maximum length is 64 bytes.
ConfRMCAcctUserClear	0x14C7	0		Clears the whole user configuration in remote management controller

Command	Value ID	Data length	Values	Description
ConfRMCacctUserEMail-Address	0x14C8	STRING	"user@domain.com"	E-Mail address for remote controller user. The user is specified by object index. The maximum length is 64 bytes.

2.1.26. Baseboard management controller paging configuration

Command	Value ID	Data length	Values	Description
ConfBMCPagingEnable	0x14F0	Disable / Enable	0 : disable 1 : enable	BMC global email alerting enable
ConfBMCSerialPagingEnable	0x14F1	Disable / Enable	0 : disable 1 : enable	BMC global serial paging enable
ConfBMCSnmpPagingEnable	0x14F2	Disable / Enable	0 : disable 1 : enable	BMC global SNMP paging enable
ConfBMCEmailAlertingEnable	0x14F3	Disable / Enable	0 : disable 1 : enable	BMC global email alerting enable

2.1.27. Console and Disk Redirection configuration values & Test

Command	Value ID	Data length	Values	Description
ConfDiskRedirIPAddress-RBS	0x1600			Boot server IP address
ConfDiskRedirPortNumberRBS	0x1601	Word (16 Bit)		Boot server port number
ConfDiskRedirDiskRedirection	0x1602	Disable / Enable	0 : disable 1 : enable	Enables or disables the disk redirection
ConfDiskRedirLoginPassword	0x1603	STRING		Login password
ConfDiskRedirDiskImageName	0x1604	STRING		Name of the disk image. Max. 15 characters
ConfDiskRedirLUN	0x1605	Byte (8 Bit)		Hard disk LUN at boot server
ConfDiskRedirDiskCache	0x1606	Disable / Enable	0 : disable 1 : enable	Enables or disables the disk cache feature
ConfDiskRedirDiskCacheMode	0x1607	CS_Conf-DiskRedirDiskCacheMode	0 : cache mode normal 1 : cache mode prefetch	
ConfDiskRedirDiskCacheMaxSize	0x1608	CS_Conf-DiskRedirDiskCacheMaxSize	0 : cache size 500 KB 1 : cache size 1000 KB 2 : cache size 1500 KB 3 : cache size 2000 KB	

Command	Value ID	Data length	Values	Description
			4 : cache size 2500 KB 5 : cache size 3000 KB 6 : cache size 3500 KB 7 : cache size 4000 KB	
ConfConsLoggingEnable	0x1630	Disable / Enable	0 : disable 1 : enable	Variable to enable/disable serial console logging
ConfConsLogTextModeEnable	0x1631	Disable / Enable	0 : disable 1 : enable	Enable text mode for Console Logging, all escape sequences are filtered out before logging
ConfAvrDefaultMouseMode	0x1632	Video redirection mouse mode	1 : relative 2 : absolute 3 : other	Specifies the default video redirection mouse mode
ConfHtml5ViewerEnabled	0x1633	Disable / Enable	0 : disable 1 : enable	Enables the HTML5 video redirection viewer (instead of the JAVA viewer)
ConfSerial1MuxMode	0x1634	Serial interface multiplexer mode	1 : BMC 2 : System	Sets the multiplexer for the onboard serial interface to BMC or the host system.

2.1.28. Management Controller SSH interface configuration

Command	Value ID	Data length	Values	Description
ConfSshPasswordAuthEnable	0x1640	SSH password authentication	0 : false 1 : true	Enable/disable password authentication for BMC SSH protocol.
ConfSshSecurityLevel	0x1641	Level of security mode of the SSH server	0 : Relaxed 1 : Intermediate 2 : Restricted	Select level of security (cipher suites etc.) for the SSH server.

2.1.29. Management Controller CIM interface configuration

Command	Value ID	Data length	Values	Description
ConfBMCCimBasedManagementEnable	0x1660	TRUE / FALSE	0 : False 1 : True	Enable/disable CIM instrumentation service in the management controller (BMC).

2.1.30. Node Manager settings

Command	Value ID	Data length	Values	Description
ConfNmCupsIsSupported	0x1670	TRUE / FALSE	0 : False 1 : True	Reads whether CUPS functionality is supported by the Node Manager (read-only value).

Command	Value ID	Data length	Values	Description
				CUPS is the Node Manager function which is required for the CPU utilization.

2.1.31. System shutdown configuration

Command	Value ID	Data length	Values	Description
ConfSysShutdownStartDelay	0x1700	Double Word (32 Bit)		Delay in seconds until the system shutdown is executed. During the delay a pending system shutdown can be aborted.
ConfSysShutdownCompleteDelay	0x1701	Double Word (32 Bit)		Time in seconds for the shutdown execution. If the shutdown is not completed in time a forced system shutdown will be executed to ensure that the system will shutdown successfully.
ConfSysShutdownJobExecutable	0x1710	STRING		Path to executable that will be launched before the system shutdown is initiated
ConfSysShutdownJobWorkingDir	0x1711	STRING		Working directory for shutdown job. If there is no working directory set the job executable path is used.
ConfSysShutdownJobTimeout	0x1712	Double Word (32 Bit)		Maximum shutdown job execution time. If the job is not completed in time the job will be terminated.

2.1.32. PRIMEQUEST special mode settings

Command	Value ID	Data length	Values	Description
ConfXparMode	0x1720	Disable / Enable	0 : disable 1 : enable	Disable / enable the PRIMEQUEST XPAR (extended partitioning) mode.
ConfMemChannelMode	0x1721	Memory channel mode	0 : Independent 1 : Lockstep	Select the memory channel mode.
ConfMemMirrorOpMode	0x1722	Memory mirror operation mode	0 : Full mirror 1 : Partial mirror	Select the memory mirror operation mode.
ConfPciAddrMode	0x1723	PCI bus address mode	0 : Normal mode 1 : Segmented mode	Select the PCI address mode.
ConfMemMirrorRasMode	0x1724	PCI bus address mode	0 : Capacity keep 1 : Mirror keep	Select the memory mirror RAS mode: Capacity keep: in case of a memory module error the capacity is retained without mirroring.

Command	Value ID	Data length	Values	Description
				Mirror keep: in case of a memory module error mirroring is retained with reduced memory size.

2.1.33. BMC USB LAN interface settings

Command	Value ID	Data length	Values	Description
ConfBmcUsbLanEnable	0x1820	Disable / Enable	0 : disable 1 : enable	Enable the local BMC USB LAN interface.
ConfBmcUsbLanIPv4NetMask	0x1821	STRING		IPv4 network mask of the local LAN interface.
ConfBmcUsbLanIPv4AddrBmc	0x1822	STRING		IPv4 address of the BMC in the local LAN interface.
ConfBmcUsbLanIPv4AddrHost	0x1823	STRING		IPv4 address of the host in the local LAN interface.
ConfBmcUsbLanMacAddrBmcOUI	0x1824	BMC MAC address OUI	0x2016 : 16:20 0x5016 : 16:50 0x7016 : 16:70 0x8016 : 16:80 0xB016 : 16:B0 0xE016 : 16:E0 0x3026 : 26:30 0x5026 : 26:50 0x7026 : 26:70 0xD026 : 26:D0	Host side local administered MAC address OUI prefix for the local LAN interface.
ConfBmcUsbLanMacAddrHostOUI	0x1825	Host MAC address OUI	0x2012 : 12:20 0x5012 : 12:50 0x7012 : 12:70 0x8012 : 12:80 0xB012 : 12:B0 0xE012 : 12:E0 0x3022 : 22:30 0x5022 : 22:50 0x7022 : 22:70 0xD022 : 22:D0	BMC side local administered MAC address OUI prefix for the local LAN interface.
ConfBmcUsbLanSshPrivateKey	0x1826	SSL Key	Private key string	SSH private key for BMC access from host using the local LAN interface. This value can only be written; reading is not possible (for security reason).
ConfBmcUsbLanSshUserNameHost	0x1827	STRING		SSH user name for host access from BMC using USB LAN.

2.1.34. BMC paging severity settings

Command	Value ID	Data length	Values	Description
ConfBMCPagingSeverityTemperature	0x1900	CS_ConfBMCPagingSeverity	0 : None 1 : Critical	Paging severity for temperature alarm, ObjId = user

Command	Value ID	Data length	Values	Description
			2 : Warning 3 : All	
ConfBMCPagingSeverity-Fans	0x1901	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Paging severity for fan alarm, ObjId = user
ConfBMCPagingSeverity-Memory	0x1902	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Paging severity for memory alarm, ObjId = user
ConfBMCPagingSeverity-HWErrors	0x1903	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Paging severity for HW error alarm, ObjId = user
ConfBMCPagingSeveritySysHang	0x1904	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Paging severity for system hangs alarm, ObjId = user
ConfBMCPagingSeverity-PostErrors	0x1905	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Paging severity for POST error alarm, ObjId = user
ConfBMCPagingSeveritySecurity	0x1906	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Paging severity for security alarm, ObjId = user
ConfBMCPagingSeveritySysStatus	0x1907	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Paging severity for system status alarm, ObjId = user
ConfBMCPagingSeverity-HDErrors	0x1908	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Paging severity for HD error alarm, ObjId = user
ConfBMCPagingSeverityNetwork	0x1909	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Paging severity for network alarm, ObjId = user
ConfBMCPagingSeverityRemote	0x190A	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Paging severity for remote alarm, ObjId = user

Command	Value ID	Data length	Values	Description
ConfBMCPagingSeverityPower	0x190B	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Paging severity for power alarm, ObjId = user
ConfBMCPagingSeveritySpare	0x190C	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Paging severity for Spare alarm, ObjId = user
ConfBMCPagingSeverityOthers	0x193F	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Paging severity for security alarm, ObjId = user

2.1.35. Central Authentication Service

Command	Value ID	Data length	Values	Description
ConfBmcCasVersion	0x1940	Byte (8 Bit)		CAS Version of BMC Implementation
ConfBmcCasEnable	0x1941	Disable / Enable	0 : disable 1 : enable	CAS Enabled
ConfBmcCasServer	0x1942	STRING	Length: 63 character incl. NULL termination	CAS Server Address
ConfBmcCasPort	0x1943	Word (16 Bit)		CAS Server Port
ConfBmcCasLoginUri	0x1944	STRING	length: 32 char incl. NULL termination	CAS Login URL
ConfBmcCasLogoutUri	0x1945	STRING	length: 32 char incl. NULL termination	CAS Logout URL
ConfBmcCasValidateUri	0x1946	STRING	length: 32 char incl. NULL termination	CAS Validate URL
ConfBmcCasUseHttps	0x1947	Disable / Enable	0 : disable 1 : enable	CAS use HTTPS
ConfBmcCasVerifyServerCert	0x1948	Disable / Enable	0 : disable 1 : enable	CAS verify CAS Server Certificate
ConfBmcCasNetworkPrivilege	0x1949	CS_ConfBM-CAcctPrivilege	0x00 : Reserved 0x01 : Callback 0x02 : User 0x03 : Operator 0x04 : Administrator	CAS Network Privilege

Command	Value ID	Data length	Values	Description
			0x05 : OEM Proprietary 0x0F : No Access	
ConfBmcCasPermission-ConfigureBmc	0x194A	Disable / Enable	0 : disable 1 : enable	CAS user can configure BMC
ConfBmcCasConfigureUsers	0x194B	Disable / Enable	0 : disable 1 : enable	CAS user can configure users
ConfBmcCasAvrEnabled	0x194C	Disable / Enable	0 : disable 1 : enable	AVR enabled for CAS user
ConfBmcCasRemoteStorageEnabled	0x194D	Disable / Enable	0 : disable 1 : enable	Remote storage enabled for CAS user
ConfBmcCasAssignConfiguredPermissions	0x194E	CS_ConfCASAssign-Permissions	0 : Local assigned permissions 1 : Permissions retrieved via LDAP	CAS Assign Configured Permissions
ConfBmcCasAlwaysDisplayLogin	0x194F	CS_ConfCASDisplay-Login	0 : Automatic unauthenticated redirect 1 : Always display login page	CAS Assign Configured Permissions

2.1.36. BMC Remote Storage configuration and BMC advanced configuration parameters

Command	Value ID	Data length	Values	Description
ConfBMCNrRemoteStorageDevices	0x1950	Byte (8 Bit)		Number of devices for BMC remote storage
ConfBMCNrRemoteStorageServers	0x1951	Byte (8 Bit)		Number of servers for BMC remote storage
ConfBMCRemoteStorageServer	0x1952	STRING	length: 48 char incl. NULL termination	BMC remote storage server
ConfBMCMiscFeature	0x1953	Byte (8 Bit)	Bit 0 - 0: shared LAN NIC port 1, 1: shared LAN NIC port 2	BMC miscellaneous features: Bit 0: definition of Shared LAN port
ConfLinkDownTimeout	0x1955	Byte (8 Bit)		Link status monitoring: timeout for link-down
ConfBMCBondingMode	0x1957	CS_ConfBonding-Mode	0 : Round Robin 1 : Active backup 2 : Balance Xor	BMC bonding mode selection (for future use)

Command	Value ID	Data length	Values	Description
			3 : Broadcast 4 : 802.3ad 5 : Balance tlb 6 : Balance rlb	
ConfBMCSHaredLanFail-overEnable	0x1958	Disable / Enable	0 : disable 1 : enable	BMC shared LAN failover enable/disable
ConfBMCSHaredLanFail-overTime	0x1959	Word (16 Bit)		BMC shared LAN failover time in seconds
ConfBMCDNSDomain-SearchPath	0x195A	STRING		BMC DNS Search Path (in addition to DNS Domain). This is the list of domains to be searched when resolving domain names for non-full-qualified domain names.
ConfBMCBondingEnabled	0x195D	Disable / Enable	0 : disable 1 : enable	BMC bonding mode enable/disable
ConfBMCNetworkRmcpEnabled	0x195E	Disable / Enable	0 : disable 1 : enable	Enable/disable RMCP/IPMI over LAN. Required by some customers for security reasons (offline SHA1 password cracking of RAKP response)
C o n f B M C N e t - workSSLv3Enabled	0x195F	Disable / Enable	0 : disable 1 : enable	Enable/disable SSLv3 support on the iRMC. Required by some customers for security reasons (SSL "POODLE" exploit).
C o n f B M C N e t - workTLS10Enabled	0x19C0	Disable / Enable	0 : disable 1 : enable	Enable/disable TLS1.0 support on the iRMC.
C o n f B M C N e t - workTLS11Enabled	0x19C1	Disable / Enable	0 : disable 1 : enable	Enable/disable TLS1.1 support on the iRMC.
C o n f B M C N e t - workTLS12Enabled	0x19C2	Disable / Enable	0 : disable 1 : enable	Enable/disable TLS1.2 support on the iRMC.
ConfBmcSsdPEnable	0x19C3	Disable / Enable	0 : disable 1 : enable	Enable/disable iRMC auto discovery of universal plug and play devices (UPnP) via Simple Service Discovery Protocol (SSDP).

2.1.37. BMC advanced configuration parameters

Command	Value ID	Data length	Values	Description
ConfBMCVLANEnable	0x1960	Disable / Enable	0 : disable 1 : enable	BMC virtual LAN enable (IPMI 2.0)
ConfBMCVLANId	0x1961	Word (16 Bit)	0x0000..0x0FFF	BMC virtual LAN Id (IPMI 2.0)
ConfBMCVLANPriority	0x1962	Byte (8 Bit)	0x00..0x07	BMC virtual LAN priority
ConfBMCEnableLocalMonitorOff	0x1963	Disable / Enable	0 : disable 1 : enable	BMC local monitor off feature enable

Command	Value ID	Data length	Values	Description
ConfBMCLocalMonitorOffControl	0x1964	Disable / Enable	0 : disable 1 : enable	Local monitor automatically switched off in case of BMC AVR on
ConfBMCLocalNominalSpeed	0x1965	CS_ConfIP-NominalSpeed	0 : auto negotiate 1 : 100 MBit FD 2 : 100 MBit HD 3 : 10 MBit FD 4 : 10 MBit HD 5 : 1000 MBit	Speed of the BMC LAN Interface
ConfBMCLocalManagementLANPort	0x1966	CS_ConfManagementLANPort	0 : Management LAN 1 : Shared LAN 2 : Shared LAN 2 3 : Shared LAN 3 4 : Shared LAN 4 5 : Shared LAN 5 6 : Shared LAN 6 7 : Shared LAN 7 8 : Shared LAN 8 9 : Front LAN	Selection of BMC LAN port: Service LAN = dedicated Management LAN or Shared LAN = System LAN
ConfBMCHPSIMIntegrationDisable	0x1968	Disable / Enable inverted	0 : False 1 : True	Disables management processor integration in HP-SIM
ConfBMCTftpUpdateServer	0x1969	STRING		TFTP server name for FW update
ConfBMCTftpUpdateFile	0x196A	STRING		TFTP FW update file name
ConfBMCTftpUpdateSelector	0x196B	CS_ConfTFTPSelector	0 : Auto - inactive firmware image 1 : Low firmware image 2 : High firmware image	TFTP firmware update selector
ConfBIOSBiosUpdateFile	0x196D	STRING	length 62+Null	TFTP BIOS update file name
ConfBMCLocalUSBEnableDisable	0x196E	CS_ConfBMCUSBSelector	0 : ALL USB Enable 1 : Front USB Disable 2 : Rear USB Disable 3 : ALL USB Disable	Enable / Disable Local USB during AVR Session

2.1.38. iRMC LDAP configuration parameters

Command	Value ID	Data length	Values	Description
ConfBMCLDAPEnable	0x1971	Disable / Enable	0 : disable 1 : enable	BMC LDAP support enable; provides the user information from a directory service

Command	Value ID	Data length	Values	Description
ConfBMCLDAPSSLEnable	0x1972	Disable / Enable	0 : disable 1 : enable	Enable SSL encryption for the LDAP connection
ConfBMCLDAPAlertEnable	0x1973	Disable / Enable	0 : disable 1 : enable	Enable fetch of alerting information from the directory service LDAP connection
ConfBMCLDAPDirectoryType	0x1974	CS_ConfLDAPDirectoryType	0 : MS Active Directory 1 : Novell eDirectory 2 : Sun ePlanet 3 : OpenLDAP 4 : OpenDS / OpenDJ	Type of directory service used for the LDAP connection
ConfBMCLDAPNrServers	0x1975	Byte (8 Bit)		Number of LDAP servers.
ConfBMCLDAPServerName	0x1976	STRING	length 47+Null "domino.fwlab.my.net" or "192.168.18.19"	Network name or IP address of the directory service which should be accessed via LDAP connection
ConfBMCLDAPDomainName	0x1977	STRING	length 31+Null "fwlab.my.net"	Network name of the domain of the directory service
ConfBMCLDAPDepartmentName	0x1978	STRING	length 15+Null "EP ESP PS DE3"	Department name to which the managed server belongs. Necessary to specify different access rights for one user for different managed servers.
ConfBMCLDAPGroupsUserName	0x1979	STRING	length 31+Null "iRMCalertUser"	Name of the user which allows access to the iRMC alerting information stored in directory service.
ConfBMCLDAPGroupsUserPasswd	0x197A	Password	length 47+Null	Password of the user which allows access to the iRMC alerting information stored in directory service.
ConfBMCLDAPLocalLoginDisabled	0x197B	TRUE / FALSE	0 : False 1 : True	Disable local LDAP login
ConfBMCLDAPBrowserLoginDisabled	0x197C	TRUE / FALSE	0 : False 1 : True	Always use SSL login, if enabled
ConfBmCLDAPBaseDN	0x197D	STRING	length 126+Null	LDAP Base DN used as root for LDAP search operations. Only active, if ConfBMCLDAPDirectoryType = Novell/OpenLDAP.
ConfBmCLDAPPrincipalUserDN	0x197E	STRING	length 126+Null	Fully qualified name of the principal user in LDAP notation, required for generic operations on LDAP server, that requires authenticated access. Only active, if ConfBMCLDAPDirectoryType = Novell/OpenLDAP.
ConfBmCLDAPAppendBaseDN	0x197F	TRUE / FALSE	0 : False 1 : True	Check this value to append BaseDN to Principal User Name. Only active, if ConfB-

Command	Value ID	Data length	Values	Description
				MCLDAPDirectoryType = Novell/Open-LDAP.

2.1.39. BMC licensing

Command	Value ID	Data length	Values	Description
ConfBMCLicenseKey	0x1980	License Key		License Key for advanced BMC-iRMC functionality

2.1.40. iRMC advanced LDAP configuration parameters

Command	Value ID	Data length	Values	Description
ConfBmcLDAPPreferred-MailServer	0x1990	LDAP Preferred Mail Server	0: automatic mechanism. First search in LDAP 1: use mail server stored on BMC 2: use mail server stored on Ldap 0 : Automatic 1 : Stored on BMC 2 : Stored on LDAP	LDAP preferred mail server.
ConfBmcLDAPAlertRefreshTime	0x1991	Byte (8 Bit)	hours, 0-255; 0 = Never	LDAP Alerting Tables refresh time value in hours to next internal update of LDAP alert tables fromLDAP server.
ConfLdapGroupDN	0x1992	STRING	length 62+Null	LDAP Group context, as subtree to BaseDN
ConfLdapUserBase	0x1993	STRING	length 62+Null	LDAP User context as subtree to BaseDN
ConfLdapUserFilter	0x1994	STRING	length 62+Null	LDAP User search filter used for LDAP user search operations
ConfBmcLDAPUseEnhancedMode	0x1995	TRUE / FALSE	0 : False 1 : True	Enables user specific search filter.
ConfBmcLDAPNonSecurePort	0x1996	Word (16 Bit)		Non SSL LDAP port.
ConfBmcLDAPSecurePort	0x1997	Word (16 Bit)		SSL LDAP port.

Command	Value ID	Data length	Values	Description
ConfBmcLDAPLogPasswordWarnEnabled	0x1998	Disable / Enable	0 : disable 1 : enable	Enable LDAP password expiration warning.

2.1.41. iRMC firmware flashing and selection

Command	Value ID	Data length	Values	Description
ConfBmcFwBootSelector	0x19C8	BMC firmware boot selector	0 : Automatic (image with newest firmware version) 1 : Low firmware image 2 : High firmware image 3 : Image with oldest firmware version 4 : Most recently programmed firmware image 5 : Least recently programmed firmware image	Defines what BMC firmware image has to be booted on next BMC firmware boot.

2.1.42. Virtual IO Manager (VIOM)

Command	Value ID	Data length	Values	Description
ConfViomManagedString	0x19D0	STRING		String to keep information regarding virtualization and the VIOM CMS

2.1.43. Power Management

Command	Value ID	Data length	Values	Description
ConfPowerControlMode	0x1A00	Power Control Mode	0 : Power management disabled 1 : Best performance 2 : Minimum power consumption 3 : Automatic mode 4 : Scheduled 5 : Power limit 6 : Low noise	Reads/sets the power control mode for the system.
ConfPowerMonitoringEnable	0x1A01	Disable / Enable	0 : disable 1 : enable	Enables/ disables the system power monitoring feature

Command	Value ID	Data length	Values	Description
ConfPowerControlScheduleTime1	0x1A02	CS_Conf-DailyOnOff-Time	0xFFFF : Default	Time schedule switch point 1 for power control mode specified by ConfPowerControlScheduleMode1 . Scheduled power control is only enabled if <i>ConfPowerControlMode</i> is set to <i>PowerControlScheduled!</i>
ConfPowerControlScheduleTime2	0x1A03	CS_Conf-DailyOnOff-Time	0xFFFF : Default	Time schedule switch point 2 for power control mode specified by ConfPowerControlScheduleMode2 . Scheduled power control is only enabled if <i>ConfPowerControlMode</i> is set to <i>PowerControlScheduled!</i>
ConfPowerControlScheduleMode1	0x1A04	Power Control Mode for power schedule	0 : Power management disabled 1 : Best performance 2 : Minimum power consumption 3 : Automatic mode	Power control mode at schedule switch point 1. The <i>ObjectIndex</i> specifies the day of the week (0 = Sunday, 1 = Monday...).
ConfPowerControlScheduleMode2	0x1A05	Power Control Mode for power schedule	0 : Power management disabled 1 : Best performance 2 : Minimum power consumption 3 : Automatic mode	Power control mode at schedule switch point 2. The <i>ObjectIndex</i> specifies the day of the week (0 = Sunday, 1 = Monday...).
ConfPowerLimitModeMaxUsage	0x1A06	Word (16 Bit)		Power Limit Mode: Maximal power usage allowed
ConfEPAModeEnable	0x1A07	Disable / Enable	0 : disable 1 : enable	Variable to enable EPA Mode (to switch of all current consumers other than Power Switch and Wake On LAN (WOL) if the system is switched off)
ConfDynPowerLimitEnable	0x1A08	Disable / Enable	0 : disable 1 : enable	Enable / Disable Dynamic Power Limiting Action
ConfPowerLimitModeThreshold	0x1A09	Word (16 Bit)	70..90 percentage	Threshold for power limit mode
ConfPowerLimitModePeriod	0x1A0A	Word (16 Bit)	1..600 minutes	Period for power limit mode to be activated after threshold / limit exceeded
ConfPowerLimitModeAction	0x1A0B	Power limit action	0 : Continue 1 : Graceful power off	Action to do after power limit exceeded

Command	Value ID	Data length	Values	Description
			2 : Immediate power off	
ConfPSURedundancyMode	0x1A0C	Power Supply Redundancy Mode	0x00 : Not specified 0x01 : No PSU redundancy 0x02 : Spare PSU redundancy n+1 0x04 : Spare PSU redundancy n+2 0x08 : Spare PSU redundancy n+3 0x10 : AC phase redundancy - dual phase 0x20 : AC phase redundancy - triple phase	Definition of PSU Redundancy mode.
ConfPSUNumberRequired	0x1A0D	Number PSUs required	0x00000000 : No redundant PSUs required 0x00000011 : 1 required + 1 spare PSU 0x00000021 : 2 required + 1 spare PSU 0x00000031 : 3 required + 1 spare PSU 0x00000011 : 1 PSU per AC phase 0x00000022 : 2 PSUs per AC phase	Contains the number of PSUs required for normal operation (not failed) and redundant operation. The value depends on the selected PSU redundancy mode: Spare PSU redundancy mode: Bit 3-0: Number of redundant PSUs Bit 7-4: Number of required PSUs (for normal operation) AC phase redundancy mode: Bit 3-0: Number of PSUs on phase 1 Bit 7-4: Number of PSUs on phase 2 Bit 11-8: Number of PSUs on phase 3
ConfLowNoiseModeEnabled	0x1A0E	Disable / Enable	0 : disable 1 : enable	Enables/disables the "low noise mode" - for use by BIOS only! The value "Enable" sets ConfPowerControlMode (1A00) to "low noise" mode. Setting the value "Disable" disables power control in ConfPowerControlMode.
ConfZeroPowerMode	0x1A10	Zero-Watt mode	0 : Disabled - normal mode; remote management possible when switched off 1 : Scheduled - remote management power-on	<i>Zero Watt Power Supply</i> feature mode. Defines the mode that this feature uses (disabled, scheduled, enabled). The following configuration space values (ConfZeroPowerScheduleStart, ConfZeroPowerScheduleEnd) are only valid when the mode is set to "scheduled".

Command	Value ID	Data length	Values	Description
			possible during manageability interval 2 : Enabled - complete power-off; remote management power-on is impossible	
ConfZeroPowerScheduleStart	0x1A11	CS_Conf-DailyOnOff-Time	Manageability interval start time (minutes since midnight) 0xFFFF : Default	Daily manageability interval start time for <i>Zero Watt Power Supply</i> feature. The <i>ObjectIndex</i> specifies manageability interval number (0...n). The number of available intervals for this platform is to be read with the <i>ZeroPowerNumberManageabilityTimers</i> (0x0519) command.
ConfZeroPowerScheduleEnd	0x1A12	CS_Conf-DailyOnOff-Time	Manageability interval end time (minutes since midnight) 0xFFFF : Default	Daily manageability interval end time for <i>Zero Watt Power Supply</i> feature. The <i>ObjectIndex</i> specifies manageability interval number (0...n). The number of available intervals for this platform is to be read with the <i>ZeroPowerNumberManageabilityTimers</i> (0x0519) command.

2.1.44. IPv6 configuration

Command	Value ID	Data length	Values	Description
ConfBmclpv6Supported	0x1A20	TRUE / FALSE	0 : False 1 : True	IPv6 support available.
ConfBmclpv4Enabled	0x1A21	Disable / Enable	0 : disable 1 : enable	IPv4 support enabled.
ConfBmclpv6Enabled	0x1A22	Disable / Enable	0 : disable 1 : enable	IPv6 support enabled.
ConfBmclpv6NumberOfAddresses	0x1A23	Byte (8 Bit)		Number of IPv6 addresses.
ConfBmclpv6AddressType	0x1A24	IPv6 Address Type	0x00 : unspecified 0x01 : multicast 0x02 : link local 0x03 : site local 0x04 : static address 0x05 : global unicast 0x06 : IPv4 compatible 0x07 : IPv4 mapped 0x08 : loopback	IPv6 address type

Command	Value ID	Data length	Values	Description
			0x09 : unique local unicast 0xFF : unknown	
ConfBmclpv6Address	0x1A25			IPv6 address as binary value
ConfBmclpv6AddressSrc	0x1A26	IPv6 Address Source	0 : unspecified 1 : static address 2 : automatic address 3 : BIOS loaded address 4 : other	IPv6 address source
ConfBmclpv6AddressPrefixLength	0x1A27	Byte (8 Bit)		IPv6 address prefix length
ConfBmclpv6AddressInterfaceIdentSrc	0x1A28	IPv6 Interface Identifier Source	0 : unspecified 1 : Part of specified static address 2 : auto address 3 : BIOS loaded address 4 : Other	IPv6 address source for interface identifier
ConfBmclpv6GatewayAddressSrc	0x1A29	IPv6 Gateway Address Source	0 : unspecified 1 : static 2 : automatic (router specified)	IPv6 Gateway address source
ConfBmclpv6GatewayAddress	0x1A2A			IPv6 gateway address
ConfBmclpv6NumberOfRouters	0x1A2B	Byte (8 Bit)		Number of routers in IPv6 configuration
ConfBmclpv6RouterAddress	0x1A2C			IPv6 router address
ConfBmclpv6RouterAddressAsString	0x1A2D	STRING		IPv6 router address as string
ConfBmclpv6GatewayAddressAsString	0x1A2E	STRING		IPv6 gateway address as string
ConfBmclpv6AddressAsString	0x1A2F	STRING		IPv6 address as string
ConfBmclpv6StaticAddress	0x1A35			IPv6 static address for manual IP address configuration
ConfBmclpv6StaticAddressSrc	0x1A36	IPv6 Address Source	0 : unspecified 1 : static address 2 : automatic address 3 : BIOS loaded address 4 : other	IPv6 manual (static) address configuration enable/disable. Configuration tools must use only static(1) or automatic(2).

Command	Value ID	Data length	Values	Description
ConfBmclpv6StaticAddrPrefixLen	0x1A37	Byte (8 Bit)		IPv6 static address prefix length
ConfBmclpv6StaticAddrIntIdentSrc	0x1A38	IPv6 Interface Identifier Source	0 : unspecified 1 : Part of specified static address 2 : auto address 3 : BIOS loaded address 4 : Other	Source for interface identifier in static IPv6 address
ConfBmclpv6StaticGatewayAddrSrc	0x1A39	IPv6 Gateway Address Source	0 : unspecified 1 : static 2 : automatic (router specified)	Source for Gateway address in static IPv6 address configuration
ConfBmclpv6StaticGatewayAddr	0x1A3A			Gateway address in static IPv6 address configuration

2.1.45. Update Manager

Command	Value ID	Data length	Values	Description
ConfUpdAutomaticSystemRestartEnabled	0x1A3D	TRUE / FALSE	0 : False 1 : True	Enables or disables an automatic system restart after an update job was successfully completed and did requested a system restart to get working.
ConfUpdRepositoryDvdPath	0x1A3E	STRING		Absolute local path of a mounted Update DVD containing the update repository. Used if ConfUpdRepositoryAccessMode is set to "update DVD".
ConfUpdRepositoryNetworkPath	0x1A3F	STRING		Absolute local path of a network share containing the update repository. Used if ConfUpdRepositoryAccessMode is set to "network share".
ConfUpdRepositoryWebDownloadPath	0x1A40	STRING		Absolute local path to root of repository download location. Used if ConfUpdRepositoryAccessMode is set to "web download".
ConfUpdRepositoryAccessMode	0x1A41	Repository access mode	0 : Local Update DVD 1 : Web Download 2 : Remote Network Share	Repository access mode (web download, update DVD or network share).
ConfUpdRepositoryUserId	0x1A42	STRING		User ID for access to remote repository.
ConfUpdRepositoryPassword	0x1A43	Password		Password for access to remote repository.
ConfUpdUpdateCheckMode	0x1A44	Update check mode	0 : Start manually 1 : Start after inventory	Defines when update checks are started.

Command	Value ID	Data length	Values	Description
			modification 2 : Start by update scheduler	
ConfUpdWebDownloadE- nable	0x1A45	TRUE FALSE	/ 0 : False 1 : True	If enabled, the local repository will be automatically updated from an update web server (as specified in ConfUpdDownload-ServerAddress) each time an update check takes place. Only valid if ConfUpdRepositoryAccessMode is set to "web download".
ConfUpdAutomaticInstall	0x1A46	TRUE FALSE	/ 0 : False 1 : True	If set to 'True', all necessary updates will be automatically installed after each update check. If 'False', the administrator individually has to select what updates are installed.
ConfUpdDownload- ServerAddress	0x1A47	STRING		IP address or DNS name of the web server used for downloading repository updates.
ConfUpdDownloadRepos- itoryPath	0x1A48	STRING		Relative path of download repository on the web server for downloading repository updates.
ConfUpdDeleteBinary- AfterUpdate	0x1A49	TRUE FALSE	/ 0 : False 1 : True	If set to TRUE, the update package will be deleted from local repository after installation.
ConfUpdScheduleDate	0x1A4A	time_t (32- bit)		Date and time when update check shall be started by scheduler.
ConfUpdScheduleFre- quency	0x1A4B	Double Word (32 Bit)		Number of days until next start of update check by scheduler.
ConfUpdDownloadPro- tocol	0x1A4C	Download protocol	0 : HTTP 1 : HTTPS	Protocol used for downloading files from the Fujitsu web server.
ConfUpdAlertNewUp- dates	0x1A4D	Disable / En- able	0 : disable 1 : enable	Enables/disables email alerts for new available updates
ConfUpdAlertJobFin- ished	0x1A4E	Disable / En- able	0 : disable 1 : enable	Enables/disables email alerts for finished update jobs
ConfUpdElcmRepository- ImageVolumeLabel	0x1A4F	STRING		Volume label of the mounted repository image for update via eLCM. If this value is not empty, it signals that an update via eLCM is in progress.

2.1.46. iRMC Virtual Media

Command	Value ID	Data length	Values	Description
ConfBmcRemoteFdIm- ageServer	0x1A50	STRING		Remote floppy disk image option: server name for remote image mount.
ConfBmcRemoteFdIm- ageUserName	0x1A51	STRING		Remote floppy disk image option: logon user name for remote image mount.

Command	Value ID	Data length	Values	Description
ConfBmcRemoteFdlmagePassword	0x1A52	Password		Remote floppy disk image option: logon user name for remote image mount.
ConfBmcRemoteFdlmageUserDomain	0x1A53	STRING		Remote floppy disk image option: logon domain name for remote image mount.
ConfBmcRemoteFdlmageShareType	0x1A54	Virtual media r e m o t e share type	0 : NFS 1 : CIFS/SMB	Remote floppy disk image option: share type for remote image mount.
ConfBmcRemoteFdlmageShareName	0x1A55	STRING		Remote floppy disk image option: share name name for remote image mount.
ConfBmcRemoteFdlmageImageName	0x1A56	STRING		Remote floppy disk image option: image name for remote image mount.
ConfBmcMediaOptionsF-dAttachMode	0x1A57	Media attach mode	0 : Always attach 1 : Auto attach 2 : Detach	Remote floppy disk image option: attach mode. This option is not available on the current iRMC platforms - reserved for future use!
ConfBmcMediaOptionsF-dNumber	0x1A58	Byte (8 Bit)		Remote floppy disk image option: maximum number of mounted floppy disk devices.
ConfBmcRemoteCdImageServer	0x1A60	STRING		Remote CD/DVD image option: server name for remote image mount.
ConfBmcRemoteCdImageUserName	0x1A61	STRING		Remote CD/DVD image option: logon user name for remote image mount.
ConfBmcRemoteCdImagePassword	0x1A62	Password		Remote CD/DVD image option: logon user name for remote image mount.
ConfBmcRemoteCdImageUserDomain	0x1A63	STRING		Remote CD/DVD image option: logon domain name for remote image mount.
ConfBmcRemoteCdImageShareType	0x1A64	Virtual media r e m o t e share type	0 : NFS 1 : CIFS/SMB	Remote CD/DVD image option: share type for remote image mount.
ConfBmcRemoteCdImageShareName	0x1A65	STRING		Remote CD/DVD image option: share name name for remote image mount.
ConfBmcRemoteCdImageImageName	0x1A66	STRING		Remote CD/DVD image option: image name for remote image mount.
ConfBmcMediaOptionsCdNumber	0x1A68	Byte (8 Bit)		Remote CD/DVD image option: maximum number of mounted CD/DVD devices.
ConfBmcRemoteHdImageServer	0x1A70	STRING		Remote harddisk image option: server name for remote image mount.
ConfBmcRemoteHdImageUserName	0x1A71	STRING		Remote harddisk image option: logon user name for remote image mount.
ConfBmcRemoteHdImagePassword	0x1A72	Password		Remote harddisk image option: logon user name for remote image mount.
ConfBmcRemoteHdImageUserDomain	0x1A73	STRING		Remote harddisk image option: logon domain name for remote image mount.
ConfBmcRemoteHdImageShareType	0x1A74	Virtual media r e m o t e share type	0 : NFS 1 : CIFS/SMB	Remote harddisk image option: share type for remote image mount.
ConfBmcRemoteHdImageShareName	0x1A75	STRING		Remote harddisk image option: share name name for remote image mount.

Command	Value ID	Data length	Values	Description
ConfBmcRemoteHdImageName	0x1A76	STRING		Remote harddisk image option: image name for remote image mount.
ConfBmcMediaOptionsHdNumber	0x1A78	Byte (8 Bit)		Remote harddisk image option: maximum number of mounted harddisk devices.
ConfBmcMediaOptionsRemoteMediaEnabled	0x1A80	Disable / Enable	0 : disable 1 : enable	Remote image virtual media mounting enabled.
ConfBmcMediaOptionsBootOnce	0x1A82	Disable / Enable	0 : disable 1 : enable	Virtual media image boot once option enabled.
ConfBmcMediaOptionsSdMediaEnabled	0x1A83	Disable / Enable	0 : disable 1 : enable	SD card mounting enabled.
ConfBmcMediaOptionsUsbAttachMode	0x1A84	Media attach mode	0 : Always attach 1 : Auto attach 2 : Detach	Remote image attach mode (common for all emulated USB devices).

2.1.47. HTTP Proxy Server

Command	Value ID	Data length	Values	Description
ConfHttpProxyServerUsage	0x1A90	HTTP proxy server usage	0 : No proxy server 1 : Use system proxy settings 2 : Use configuration space settings	Usage of HTTP proxy server.
ConfHttpProxyServerAddress	0x1A91	STRING		IP address or DNS name of the proxy server to be used for external HTTP access.
ConfHttpProxyServerPort	0x1A92	Double Word (32 Bit)		Port number of the proxy server to be used for external HTTP access.
ConfHttpProxyServerUserId	0x1A93	STRING		User name for authentication at the proxy server to be used for external HTTP access.
ConfHttpProxyServerPasswd	0x1A94	Password		Password for authentication at the proxy server to be used for external HTTP access.
ConfHttpProxyNotLocal	0x1A95	TRUE / FALSE	0 : False 1 : True	If set to 'True', a proxy server is not used for local HTTP connections. Local connections are specified by target addresses with only a host name but no fully qualified domain name (e.g. http://web-server). IP addresses are considered as non-local and use a proxy server anyway.
ConfHttpProxyExceptions	0x1A96	STRING		List of host names or IP addresses that should not use a proxy server. Multiple

Command	Value ID	Data length	Values	Description
				names/addresses are separated by blank characters; wildcards (*) are allowed.

2.1.48. iRMC RAID management

Command	Value ID	Data length	Values	Description
ConfEnableIrmcRaidFeature	0x1AA0	Disable / Enable	0 : disable 1 : enable	Enables/disables out-of-band RAID feature in iRMC.
ConfEnableIrmcOobRaidEvents	0x1AA1	Disable / Enable	0 : disable 1 : enable	Enables/disables the OOB RAID event logging in iRMC.

2.1.49. Enhanced iRMC LDAP user group management

Command	Value ID	Data length	Values	Description
ConfLDAPAuthorizationType	0x1AC0	LDAP Authorization Type	0 : ServerView LDAP groups with authorization settings on LDAP Server 1 : Standard LDAP groups with authorization settings on iRMC	Type of directory service authorization. If using iRMC user groups, LDAP server schema does not need to be extended.
ConfLDAPMaxNrUserGroups	0x1AC1	Byte (8 Bit)		Maximum number of supported LDAP user groups for the authorization type "LDAP Groups with Authorization Settings on iRMC"
ConfLDAPAuthorizationUserName	0x1AC2	STRING		Name of the user group - must match to the LDAP server user's group.
ConfLDAPPreferredShellByUserGroup	0x1AC3	CS_ConfBM-CAcctUser-Shell	0 : CLP 2 : Remote Management 4 : IPMI terminal mode 5 : No shell 6 : No shell (prior to iRMC S4)	Preferred shell for the LDAP user group users.
ConfLDAPNetworkPrivilegeByUserGroup	0x1AC4	CS_ConfBM-CAcctPrivilege	0x00 : Reserved 0x01 : Callback 0x02 : User 0x03 : Operator 0x04 : Administrator 0x05 : OEM Proprietary 0x0F : No Access	IPMI privilege level a user of the LDAP user group can login via a network channel.

Command	Value ID	Data length	Values	Description
ConfLDAPSerialPrivilegeByUserGroup	0x1AC5	CS_ConfBMCActPrivilege	0x00 : Reserved 0x01 : Callback 0x02 : User 0x03 : Operator 0x04 : Administrator 0x05 : OEM Proprietary 0x0F : No Access	IPMI privilege level a user of the LDAP user group can login via a serial channel.
ConfLDAPConfigureBmcPermissionByUserGroup	0x1AC6	TRUE / FALSE	0 : False 1 : True	Specifies whether a user of the LDAP user group can configure the BMC.
ConfLDAPConfigureUsersPermissionByUserGroup	0x1AC7	TRUE / FALSE	0 : False 1 : True	Specifies whether a user of the LDAP user group can configure BMC users.
ConfLDAPAvrEnabledByUserGroup	0x1AC8	TRUE / FALSE	0 : False 1 : True	Specify whether a user of the LDAP user group can use Advanced Video Redirection (AVR).
ConfLDAPRemoteStorageEnabledByUserGroup	0x1AC9	TRUE / FALSE	0 : False 1 : True	Specify whether a user of the LDAP user group can use Remote Storage.
ConfLDAPEnableEmailPagingByUserGroup	0x1ACA	TRUE / FALSE	0 : False 1 : True	Enable/disable if each user of the LDAP group should get an email on an event.
ConfLDAPMailFormatByUserGroup	0x1ACB	CS_ConfAlarmMailType	0 : Standard 1 : ITS-Format 2 : REMCS 3 : Fixed Subject 4 : SMS	The mail format determines the layout/format of the email.
ConfLDAPPreferredMailServerByUserGroup	0x1ACC	CS_ConfBMCActPreferredMailServer	0 : Auto 1 : Primary 2 : Secondary	Preferred email server for user group email alerting.
ConfLDAPGroupScheme	0x1ACD	STRING		LDAP user groups setting for Group Scheme definition.
ConfLDAPMemberScheme	0x1ACE	STRING		LDAP user groups setting for Member Scheme definition.
ConfLDAPPagingSevTemperatureByUserGroup	0x1AD0	CS_ConfBMCActPagingSeverity	0 : None 1 : Critical 2 : Warning 3 : All	Alerting severity of the user group for paging group "Temperature".
ConfLDAPPagingSevFansByUserGroup	0x1AD1	CS_ConfBMCActPagingSeverity	0 : None 1 : Critical 2 : Warning 3 : All	Alerting severity of the user group for paging group "Fans".
ConfLDAPPagingSevMemoryByUserGroup	0x1AD2	CS_ConfBMCActPagingSeverity	0 : None 1 : Critical	Alerting severity of the user group for paging group "Memory".

Command	Value ID	Data length	Values	Description
			2 : Warning 3 : All	
ConfLDAPPagingSevH-WErrorsByUserGroup	0x1AD3	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Alerting severity of the user group for paging group "Hardware Errors".
ConfLDAPPagingSevSystemHangByUserGroup	0x1AD4	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Alerting severity of the user group for paging group "System Hang".
ConfLDAPPagingSevPostErrorsByUserGroup	0x1AD5	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Alerting severity of the user group for paging group "POST Errors".
ConfLDAPPagingSevSecurityByUserGroup	0x1AD6	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Alerting severity of the user group for paging group "Security".
ConfLDAPPagingSevSystemStatusByUserGroup	0x1AD7	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Alerting severity of the user group for paging group "System Status".
ConfLDAPPagingSevOthersByUserGroup	0x1AD8	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Alerting severity of the user group for paging group "Others".
ConfLDAPPagingSevHDErrorsByUserGroup	0x1AD9	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Alerting severity of the user group for paging group "HDD Errors".
ConfLDAPPagingSevNetworkByUserGroup	0x1ADA	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Alerting severity of the user group for paging group "Network".
ConfLDAPPagingSevRemManagementByUserGroup	0x1ADB	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Alerting severity of the user group for paging group "Remote Management".

Command	Value ID	Data length	Values	Description
ConfLDAPPaggingSevSystemPowerByUserGroup	0x1ADC	CS_ConfBM-CPagging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Alerting severity of the user group for pagging group "System Power".

2.1.50. Dynamic partitioning

Command	Value ID	Data length	Values	Description
ConfSBDynPartitioningEnable	0x1B00	Disable / Enable	0 : disable 1 : enable	Enables/disables systemboard dynamic partitioning.
ConfAllPClioMode	0x1B01	PCI_IO_mode	0 : IO mode 0 1 : IO mode 1	Selects the PCI IO mode on dynamic partitioning. IO mode 0 = PCI devices connected only to home systemboard. IO mode 1 = PCI devices connected to all systemboards of partition.

2.1.51. BMC Proxy Server Configuration

Command	Value ID	Data length	Values	Description
ConfBmcProxyAddress	0x1B30	STRING		Proxy server DNS name or IP address.
ConfBmcProxyPort	0x1B31	Word (16 Bit)		Proxy server port number.
ConfBmcProxyPassword	0x1B32	STRING		Encrypted password for proxy server authentication (if authentication is required).
ConfBmcProxyUserName	0x1B33	STRING		User name for proxy server authentication (if authentication is required).

2.1.52. AIS Connect Configuration

Command	Value ID	Data length	Values	Description
ConfAisConnectEnabled	0x1B38	AIC Connect Enable	0 : No 1 : Yes 0 : No 1 : Yes	Enable/disable AIS Connect Service agent.
ConfAisConnectServiceMode	0x1B39	Disable / Enable	0 : disable 1 : enable	Enable/disable AIS Connect service mode.
ConfAisConnectUseProxy	0x1B3A	TRUE / FALSE	0 : False 1 : True	Enables use of proxy server for AIS Connect.
ConfAisConnectAllowRemoteSession	0x1B3B	TRUE / FALSE	0 : False 1 : True	Allows remote session connections to AIS Connect agent.
ConfAisConnectCountryId	0x1B3C	Byte (8 Bit)		Country ID code to be used for AIS Connect (see AIS Connect documentation for list of country IDs).
ConfAisConnectInitialReportSent	0x1B3E	TRUE / FALSE	0 : False 1 : True	Initial System Report has already been sent by AIS Connect.

Command	Value ID	Data length	Values	Description
ConfAisConnectContact-Description	0x1B3F	STRING		Contact description (for instance availability hours) for AIS Connect.
ConfAisConnectLocation	0x1B40	STRING		Location data location name for AIS Connect.
ConfAisConnectLocation-City	0x1B41	STRING		Location data city name for AIS Connect.
ConfAisConnectLocation-State	0x1B42	STRING		Location data state name for AIS Connect.
ConfAisConnectLocationZipCode	0x1B43	STRING		Location data zip code for AIS Connect.
ConfAisConnectLocation-Country	0x1B44	STRING		Location data country name for AIS Connect.
ConfAisConnectContactEmail	0x1B45	STRING		Contact data email address for AIS Connect.
ConfAisConnectContact-Type	0x1B46	STRING		Contact data type (??? TBD) for AIS Connect.
ConfAisConnectContact-Title	0x1B47	STRING		Contact data title for AIS Connect.
ConfAisConnectContact-FirstName	0x1B48	STRING		Contact data first name for AIS Connect.
ConfAisConnectContact-LastName	0x1B49	STRING		Contact data last name for AIS Connect.
ConfAisConnectContact-PhoneNumber	0x1B4A	STRING		Contact data phone number for AIS Connect.
ConfAisConnectContact-MobileNumber	0x1B4B	STRING		Contact data mobile phone number for AIS Connect.
ConfAisConnectEnable-Contact	0x1B4C	Disable / Enable	0 : disable 1 : enable	Setting for policy of enabling and disabling using the contact data by the iRMC agent for AIS Connect.
ConfAisConnectAllowPrimeCollect	0x1B4D	Disable / Enable	0 : disable 1 : enable	Setting for policy of enabling and disabling sending Prime Collect reports by the iRMC agent for AIS Connect.
ConfAisConnectLocation-Street	0x1B4E	STRING		Contact data street name for AIS Connect.
ConfAisConnectCompany-Name	0x1B4F	STRING		Contact data company name for AIS Connect.

2.1.53. iRMC IPMI Feature Configuration

Command	Value ID	Data length	Values	Description
ConfSystemGUID-ByteOrderLsbFirst	0x1B50	GUID Response Format	0 : IPMI 1 : SMBIOS	If set, the BMC replies GUID (UUID) of IPMI command "Get System GUID" in reverse byte order (LSB first; according to PC industry behaviour). If not set, BMC replies

Command	Value ID	Data length	Values	Description
				the GUID in normal byte order (MSB first; according to IPMI specification).

2.1.54. iRMC Syslog Configuration

Command	Value ID	Data length	Values	Description
ConfSyslogGlobalEnable	0x1B60	TRUE / FALSE	0 : False 1 : True	Enables/disables forwarding SEL/iEL to all defined syslog servers.
ConfSyslogIELEnable	0x1B61	TRUE / FALSE	0 : False 1 : True	Enables/disables logging iEL entries per each syslog server.
ConfSyslogSELEnable	0x1B62	TRUE / FALSE	0 : False 1 : True	Enables/disables logging SEL entries per each syslog server.
ConfNumberSyslogServers	0x1B64	Byte (8 Bit)		Number of Syslog servers used in configuration.
ConfSyslogServerAsString	0x1B65	STRING		Ipv4 / ipv6 address of the current syslog server.
ConfSyslogServerPort	0x1B66	Word (16 Bit)		TCP/UDP port number of the current syslog server.
ConfSyslogServerProtocol	0x1B67	Syslog server protocol	0 : UDP 1 : TCP	TCP or UDP protocol selection of the current syslog server.
ConfSyslogFilterScope	0x1B68	Syslog filter scope	0 : Basic 1 : Extended	Level of details for iEL/SEL forwarding severity filtering.
ConfSyslogFilterSeverity	0x1B69	Syslog filter severities	0 : Informational 1 : Minor 2 : Major 3 : Critical	Enables/disables filtering according to iEL/SEL severity levels (bit field).
ConfSyslogFilterPagingSeverityTemperature	0x1B6A	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Filter forwarding based on SEL/iEL messages from page group "Temperature".
ConfSyslogFilterPagingSeverityFans	0x1B6B	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Filter forwarding based on SEL/iEL messages from page group "Fans".
ConfSyslogFilterPagingSeverityMemory	0x1B6C	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Filter forwarding based on SEL/iEL messages from page group "Memory".
ConfSyslogFilterPagingSeverityHWErrors	0x1B6D	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Filter forwarding based on SEL/iEL messages from page group "Hardware errors".

Command	Value ID	Data length	Values	Description
ConfSyslogFilterPaging-SeveritySysHang	0x1B6E	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Filter forwarding based on SEL/iEL messages from page group "System Hang".
ConfSyslogFilterPaging-SeverityPOSTErrors	0x1B6F	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Filter forwarding based on SEL/iEL messages from page group "POST errors".
ConfSyslogFilterPaging-SeveritySecurity	0x1B70	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Filter forwarding based on SEL/iEL messages from page group "Security".
ConfSyslogFilterPaging-SeveritySysStatus	0x1B71	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Filter forwarding based on SEL/iEL messages from page group "System status".
ConfSyslogFilterPaging-SeverityHDErrors	0x1B72	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Filter forwarding based on SEL/iEL messages from page group "Disk errors".
ConfSyslogFilterPaging-SeverityNetwork	0x1B73	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Filter forwarding based on SEL/iEL messages from page group "Network".
ConfSyslogFilterPaging-SeverityRemote	0x1B74	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Filter forwarding based on SEL/iEL messages from page group "Remote management".
ConfSyslogFilterPaging-SeverityPower	0x1B75	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Filter forwarding based on SEL/iEL messages from page group "Power".
ConfSyslogFilterPaging-SeveritySpare	0x1B76	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Filter forwarding based on SEL/iEL messages from page group "Spare".
ConfSyslogFilterPaging-SeverityOthers	0x1B77	CS_ConfBM-CPaging-Severity	0 : None 1 : Critical 2 : Warning 3 : All	Filter forwarding based on SEL/iEL messages from page group "Other errors".
ConfSyslogSeverityType	0x1B78	Syslog severity type	0 : None 1 : Numeric 2 : Text	Defines whether the message severity is written to the iEL/SEL syslog entry. The severity can be configured to be inserted

Command	Value ID	Data length	Values	Description
				numerically (0..7) or as a text: "emerg" (0), "alert" (1), "crit" (2), "err" (3), "warning" (4), "notice" (5), "info" (6), "debug" (7) - according to RFC 5424 (https://tools.ietf.org/html/rfc5424).

2.1.55. eLCM Service Platform Settings

Command	Value ID	Data length	Values	Description
ConfSvcPlatformMode	0x1B80	Service platform mode	0 : Classic mode (without profile) 1 : Unattended mode 2 : Embedded Installation Manager (eIM) interactive 3 : Embedded RAID Manager (eRM) interactive 4 : Embedded Diagnostic Manager (eDM) interactive	Service Platform support within the BMC firmware is a mechanism for usage of SV Installation Manager (SVIM) within LCM feature. This value defines the mode in which SVIM image will be booted/run is going to be defined by user in WebUI or by F-key functionality.
ConfLcmUpdateUseProxy	0x1B90	TRUE / FALSE	0 : False 1 : True	Specifies whether to use a proxy server for eLCM update image loading.
ConfLcmUpdateRepositoryAddress	0x1B91	STRING		Specifies the address of the eLCM update repository server address.
ConfLcmUpdateIncludeBiosAndFW	0x1B92	TRUE / FALSE	0 : False 1 : True	Specifies whether to include BIOS and firmware updates into the eLCM offline update process.
ConfLcmOfflineUpdateImageBootMode	0x1B93	eLCM update boot mode	0 : Legacy 1 : UEFI	Specifies how to boot the eLCM offline update image.
ConfLcmSkipHclVerification	0x1B94	TRUE / FALSE	0 : False 1 : True	Specifies whether updates (online and offline) should skip verification against HCL on VMware systems (true = HCL verification skipped).
ConfLcmDeploymentUseProxy	0x1B95	TRUE / FALSE	0 : False 1 : True	Specifies whether to use a proxy server for eLCM deployment image loading.
ConfLcmDeploymentRepositoryAddress	0x1B96	STRING		Specifies the address of the eLCM deployment repository server address.
ConfLcmDeploymentImageBootMode	0x1B97	eLCM update boot mode	0 : Legacy 1 : UEFI	Specifies how to boot the eLCM deployment image.
ConfLcmCustomImageUseProxy	0x1B99	TRUE / FALSE	0 : False 1 : True	Specifies whether to use a proxy server for eLCM custom image loading.

Command	Value ID	Data length	Values	Description
ConfLcmCustomImage-BootModeImmediate	0x1B9A	eLCM update boot mode	0 : Legacy 1 : UEFI	Specifies how to boot the eLCM custom image.
ConfLcmCustomImage-BootModeTable	0x1B9B	eLCM update boot mode	0 : Legacy 1 : UEFI	Specifies how to boot the eLCM custom images from the SD card custom image table (ObjectIndex is index in table).
ConfLcmUpdateSkipCertificateVerification	0x1B9C	TRUE / FALSE	0 : False 1 : True	Skip verification of TLS/SSL certificate for eLCM Online/Offline Update (ignore certificate errors if set).
ConfLcmDeployment-SkipCertificateVerification	0x1B9D	TRUE / FALSE	0 : False 1 : True	Skip verification of TLS/SSL certificate for eLCM deployment (ignore certificate errors if set).
ConfLcmEVBITShowDialogue	0x1B9E	TRUE / FALSE	0 : False 1 : True	Show EVB-IT enhancements dialogue message before scheduling automatic software updates by eLCM.

2.1.56. iRMC Web Interface Settings

Command	Value ID	Data length	Values	Description
ConfWebIfAutoRefresh-Time	0x1BA0	Word (16 Bit)		Specifies the iRMC web interface automatic refresh time (seconds). If this time is less than the session timeout period, the session will never timeout.
ConfWebIfSession-Timeout	0x1BA1	Word (16 Bit)		Specifies the iRMC web interface session timeout period (seconds). If this time is greater than the automatic refresh time, the session will never timeout.
ConfWebIfAutoRefreshEnabled	0x1BA2	Disable / Enable	0 : disable 1 : enable	Specifies whether the currently shown iRMC web interface pages should be automatically refreshed periodically.
ConfWebIfPowerHistory-ImageType	0x1BA3	Power history chart period	0 : 1 hour 1 : 12 hours 2 : 1 day 3 : 1 week 4 : 2 weeks 5 : 1 month 6 : 1 year 7 : 5 years	Specifies the server power history chart period.
ConfWebIfDefaultGuiLanguage	0x1BA4	Web interface default language	0 : English 1 : German 2 : Japanese	Specifies the iRMC web interface default language.
ConfWebIfDefaultGuiColorSchema	0x1BA5	Web interface default color schema	0 : Style Guide V1 1 : Style Guide V2 2 : Style Guide V2.2	Specifies the iRMC web interface default color schema.
ConfWebIfShowAvrWeb-StartOnMenu	0x1BA6	TRUE / FALSE	0 : False 1 : True	Specifies whether the video redirection (Java Web Start) item should be shown in the web interface root of the menu tree.

Command	Value ID	Data length	Values	Description
C o n f W e b i f S h o w - LogoutOnMenu	0x1BA7	TRUE / FALSE	0 : False 1 : True	Specifies whether to show the "Logout" button in the web interface (only for color schema V2.2).
ConfWebIfAutoSubmitEnabled	0x1BA8	Disable / Enable	0 : disable 1 : enable	Specifies whether to automatically submit form data immediately on each change.
ConfCpuMonitoringEnabled	0x1BAA	Disable / Enable	0 : disable 1 : enable	Enables CPU history monitoring in web interface.
ConfWebIfCpuHistoryImageType	0x1BAB	Power history chart period	0 : 1 hour 1 : 12 hours 2 : 1 day 3 : 1 week 4 : 2 weeks 5 : 1 month 6 : 1 year 7 : 5 years	Specifies the server CPU history chart period.

2.1.57. BIOS Setup Configuration

Command	Value ID	Data length	Values	Description
C o n f B i o s S e t u p - Above4GDecodingEnabled	0x1C10	Disable / Enable	Enable/disable 4G address space decoding 0 : disable 1 : enable	Enables or disables 64-bit capable devices to be decoded in above 4G address space (only if the system supports 64-bit PCI address decoding)
ConfBiosSetupPciAspmSupport	0x1C11	BIOS setup PCI ASPM support	0 : Disable 1 : Auto 2 : L0 limited 3 : L1 only	PCI ASPM support configuration
ConfBiosSetupPciDmiLinkSpeed	0x1C12	BIOS setup PCI DMI link speed	0 : Auto 1 : GEN1 2 : GEN2 3 : GEN3	PCI DMI link speed control
ConfBiosSetupPciMemoryHoleSize	0x1C13	BIOS setup PCI memory hole size	0 : 2 GB 1 : 3 GB	PCI memory hole size configuration
ConfBiosSetupPciSingleRootIoVirt	0x1C14	Disable / Enable	0 : disable 1 : enable	PCI single root I/O virtualization support enable
ConfBiosSetupTpmEnabled	0x1C20	Disable / Enable	0 : disable 1 : enable	Specifies whether the TPM (Trusted Platform Module) hardware is available. If the TPM is disabled, the system behaves like any other system without TPM hardware
ConfBiosSetupTpmStateEnabled	0x1C21	Disable / Enable	0 : disable 1 : enable	TPM state enable

Command	Value ID	Data length	Values	Description
ConfBiosSetupTpm-PendingOperation	0x1C22	BIOS setup TPM pending operation	0 : None 1 : Enable take ownership 2 : Disable take ownership 3 : TPM clear	TPM pendig operation configuration
ConfBiosSetupTpmHash-Policy	0x1C23	BIOS setup TPM hash policy	0 : SHA-1 1 : SHA-2	TPM pendig operation configuration
ConfBiosSetupSerial-Port1Enabled	0x1C28	Disable / Enable	0 : disable 1 : enable	Enable/disable the serial I/O port #1 (COM1).
ConfBiosSetupSerial-Port2Enabled	0x1C29	Disable / Enable	0 : disable 1 : enable	Enable/disable the serial I/O port #2 (COM2).
ConfBiosSetupSerialPort-Config	0x1C2A	BIOS setup serialport configuration	0 : Auto 1 : IO=3F8h; IRQ=4; 2 : IO=3F8h; IRQ=3,4,5,6,7,9,10,11,12; 3 : IO=2F8h; IRQ=3,4,5,6,7,9,10,11,12; 4 : IO=3E8h; IRQ=3,4,5,6,7,9,10,11,12; 5 : IO=2E8h; IRQ=3,4,5,6,7,9,10,11,12; 6 : IO=2F8h; IRQ=3; 7 : IO=3E8h; IRQ=7; 8 : IO=378h; IRQ=5; 9 : IO=378h; IRQ=5,6,7,9,10,11,12; 10 : IO=278h; IRQ=5,6,7,9,10,11,12; 11 : IO=3BCh; IRQ=5,6,7,9,10,11,12;	Configure the serial I/O port #1 (COM1).
ConfBiosSetupPciSlot1Status	0x1C30	BIOS setup PCI slot status	0 : Empty 1 : Enabled 2 : Failed	PCI slot status configuration for slot 1

Command	Value ID	Data length	Values	Description
ConfBiosSetupPciSlot2Status	0x1C31	BIOS setup PCI slot status	0 : Empty 1 : Enabled 2 : Failed	PCI slot status configuration for slot 2
ConfBiosSetupPciSlot3Status	0x1C32	BIOS setup PCI slot status	0 : Empty 1 : Enabled 2 : Failed	PCI slot status configuration for slot 3
ConfBiosSetupPciSlot4Status	0x1C33	BIOS setup PCI slot status	0 : Empty 1 : Enabled 2 : Failed	PCI slot status configuration for slot 4
ConfBiosSetupPciSlot5Status	0x1C34	BIOS setup PCI slot status	0 : Empty 1 : Enabled 2 : Failed	PCI slot status configuration for slot 5
ConfBiosSetupPciSlot6Status	0x1C35	BIOS setup PCI slot status	0 : Empty 1 : Enabled 2 : Failed	PCI slot status configuration for slot 6
ConfBiosSetupPciSlot7Status	0x1C36	BIOS setup PCI slot status	0 : Empty 1 : Enabled 2 : Failed	PCI slot status configuration for slot 7
ConfBiosSetupPciSlot8Status	0x1C37	BIOS setup PCI slot status	0 : Empty 1 : Enabled 2 : Failed	PCI slot status configuration for slot 8
ConfBiosSetupPciSlot9Status	0x1C38	BIOS setup PCI slot status	0 : Empty 1 : Enabled 2 : Failed	PCI slot status configuration for slot 9
ConfBiosSetupPciSlot10Status	0x1C39	BIOS setup PCI slot status	0 : Empty 1 : Enabled 2 : Failed	PCI slot status configuration for slot 10
ConfBiosSetupPciSlot11Status	0x1C3A	BIOS setup PCI slot status	0 : Empty 1 : Enabled 2 : Failed	PCI slot status configuration for slot 11
ConfBiosSetupPciSlot12Status	0x1C3B	BIOS setup PCI slot status	0 : Empty 1 : Enabled 2 : Failed	PCI slot status configuration for slot 12
ConfBiosSetupPciSlot13Status	0x1C3C	BIOS setup PCI slot status	0 : Empty 1 : Enabled 2 : Failed	PCI slot status configuration for slot 13
ConfBiosSetupPciSlot14Status	0x1C3D	BIOS setup PCI slot status	0 : Empty 1 : Enabled 2 : Failed	PCI slot status configuration for slot 14

Command	Value ID	Data length	Values	Description
ConfBiosSetupPciSlot15Status	0x1C3E	BIOS setup PCI slot status	0 : Empty 1 : Enabled 2 : Failed	PCI slot status configuration for slot 15
ConfBiosSetupPciSlot16Status	0x1C3F	BIOS setup PCI slot status	0 : Empty 1 : Enabled 2 : Failed	PCI slot status configuration for slot 16
ConfBiosSetupCpuHyperThreadingEnabled	0x1C40	Disable / Enable	0 : disable 1 : enable	Hyper-threading technology allows a single physical processor core to appear as several logical processors. With this technology the operating system can better utilise the internal processor resources, which in turn leads to increased performance. The advantages of this technology can only be used by an operating system which supports ACPI. This setting has no effect on operating systems which do not support ACPI.
ConfBiosSetupCpuActiveCores	0x1C41	Double Word (32 Bit)	Number of active cores	Number of cores to be enabled in each processor package. If set to zero all cores are active.
ConfBiosSetupCpuLimitCpuidMaximum	0x1C42	Disable / Enable	Enabled - reduce number of CPUID functions. Disabled - support all CPUID functions. 0 : disable 1 : enable	Defines the number of CPUID functions which can be called by the processor. Some operating systems cannot process new CPUID commands which support more than three functions. This parameter should be enabled for these operating systems
ConfBiosSetupCpuExecuteDisableBitEnabled	0x1C43	Disable / Enable	0 : disable 1 : enable	Defines the protection for executable memory areas (anti-virus protection). The function is only effective if it is also supported by the operating system. The eExecute Disable bit (XD bit) is also known as NX (No eExecute) bit.
ConfBiosSetupCpuHardwarePrefetcherEnabled	0x1C44	Disable / Enable	0 : disable 1 : enable	If activated memory content, that is likely required, is preloaded automatically to the cache when the memory bus is inactive. Fetching content from cache instead of memory reduces the latency especially for applications with linear data access.
ConfBiosSetupCpuAdjacentLinePrefetchEnabled	0x1C45	Disable / Enable	Enabled: CPU loads requested cache line. Disabled: CPU loads the requested cache line and the adjacent cache line	Available if the processor offers a mechanism for loading an additional adjacent 64Byte Cache Line during every cache request of the processor. This will increase cache hit ratio for applications with high spatial locality

Command	Value ID	Data length	Values	Description
			0 : disable 1 : enable	
ConfBiosSetupCpuD-cuStreamerPrefetcherEnabled	0x1C46	Disable / Enable	0 : disable 1 : enable	If activated data content, that is likely required, is preloaded automatically to the L1 data cache when the memory bus is inactive. Fetching content from cache instead of memory reduces the latency especially for applications with linear data access.
ConfBiosSetupCpuDculp-PrefetcherEnabled	0x1C47	Disable / Enable	0 : disable 1 : enable	Performance gains are expected when code is organized sequentially and in contiguous memory.
ConfBiosSetupCpuIntelIVTEnabled	0x1C48	Disable / Enable	0 : disable 1 : enable	Supports the virtualization of platform hardware and several software environments, based on VMX (Virtual Machine Extensions) to support the use of several software environments using virtual computers. Virtualization technology extends the processor support for virtualization purposes with the 16 Bit and 32 Bit protected modes and with the EM64T (Intel® Extended Memory 64 Technology) mode
ConfBiosSetupCpuVTdEnabled	0x1C49	Disable / Enable	0 : disable 1 : enable	VT-d ((Intel Virtualization Technology for Directed I/O) provides hardware support for sharing I/O devices between multiple virtual machines. VMMs (Virtual Machine Monitors) can use VT-d for managing multiple virtual machines accessing the same physical I/O device
ConfBiosSetupCpuQpiLinkSpeed	0x1C4A	BIOS setup CPU QPI link speed	QPI link speed 0 : Automatic (based on installed processor) 1 : 6.4 GT/s 2 : 7.2 GT/s 3 : 8.0 GT/s 4 : 9.6 GT/s 5 : 10.4 GT/s	QPI links provide the connection between the processors. Depending on the processors, QPI links can be run at different speeds. This parameter controls the speed of the QPI links in your system.
ConfBiosSetupCpuFreq-FloorOverwriteEnabled	0x1C4B	Disable / Enable	0 : disable 1 : enable	Allows software instances to set a minimum CPU package frequency which cannot be passed even in idle state.
ConfBiosSetupCpuC-StatesEnabled	0x1C4C	Disable / Enable	0 : disable 1 : enable	Enable CPU C-states (in general).
ConfCpuAutonomousC-StateSupportEnabled	0x1C4D	Disable / Enable	0 : disable 1 : enable	Enable CPU autonomous C-state support
ConfBiosSetupCpuPowerManagement-Mode	0x1C50	BIO setup CPU power	CPU Power Management Mode 0 : CPU Power	Configures the CPU power management features.

Command	Value ID	Data length	Values	Description
		management mode	Management disabled 1 : Custom specific CPU Power Management 2 : Energy efficient CPU Power Management	
ConfBiosSetupCpuEnhancedSpeedStepEnabled	0x1C51	Disable / Enable	0 : disable 1 : enable	Defines the processor voltage and frequency. EIST (Enhanced Intel SpeedStep® Technology) is an energy saving function.
ConfBiosSetupCpuTurboModeEnabled	0x1C52	Disable / Enable	0 : disable 1 : enable	Allows the processor to run faster than the marked frequency if the OS requests the highest performance state (P0). This feature is also known as Intel(R) Turbo Boost Technology.
ConfBiosSetupCpuEnergyPerformanceMode	0x1C53	BIOS setup CPU energy performance mode	CPU Performance Mode 0 : Optimized CPU performance 1 : Balanced CPU Performance 2 : Balanced Energy CPU Performance 3 : Energy efficient CPU Performance	Energy efficiency policy for the processor on non-legacy Operating Systems. This is an input for the processor for tuning the power consumption and the performance.
ConfBiosSetupCpuP-StateCoordinationMode	0x1C54	BIOS setup CPU P-state mode	CPU P-State Coordination Mode 0 : P states controlled by hardware among all logical processors 1 : P states controlled by OSPM. Performance transitions must be initiated on all logical processors 2 : P states controlled by OSPM. Performance	Processor Performance State (P state) coordination mode communicated to operating system power management (OSPM).

Command	Value ID	Data length	Values	Description
			transition may be initiated on any of the logical processors	
ConfBiosSetupCpuC3ReportEnabled	0x1C55	Disable / Enable	Report CPU C3 0 : disable 1 : enable	Expose Processor C3 state as ACPI C-3 state to operating system power management , if this is supported by the particular legacy operating system being used.
ConfBiosSetupCpuC6ReportEnabled	0x1C56	Disable / Enable	Report CPU C6 0 : disable 1 : enable	Expose processor C6 State as ACPI C-3 state to the operating system power management to enable Processor Deep Power Down technology.
ConfBiosSetupCpuC7ReportEnabled	0x1C57	Disable / Enable	Report CPU C7 0 : disable 1 : enable	Expose processor C7 State as ACPI C-3 state to the operating system power management to enable Processor Deep Power Down technology.
ConfBiosSetupCpuC-StateLimit	0x1C58	BIOS setup CPU C-state limit	CPU C state Limit 0 : C state limit is C0 1 : C state limit is C1 2 : C state limit is C2 3 : C state limit is C3 6 : C state limit is C6 7 : C state limit is C7 10 : C state limit is C6 (Retension) 11 : C state limit is C6 (Retension) 99 : Automatic C state handling 0xFF : Any C state can be entered	Configures the processor C state limit.
ConfBiosSetup-StatusCpu1	0x1C59	BIOS setup CPU status	0 : Disabled 1 : Enabled 2 : Empty 3 : Failed	Configures/reads the status for CPU 1.
ConfBiosSetup-StatusCpu2	0x1C5A	BIOS setup CPU status	0 : Disabled 1 : Enabled	Configures/reads the status for CPU 2.

Command	Value ID	Data length	Values	Description
			2 : Empty 3 : Failed	
ConfBiosSetup-StatusCpu3	0x1C5B	BIOS setup CPU status	0 : Disabled 1 : Enabled 2 : Empty 3 : Failed	Configures/reads the status for CPU 3.
ConfBiosSetup-StatusCpu4	0x1C5C	BIOS setup CPU status	0 : Disabled 1 : Enabled 2 : Empty 3 : Failed	Configures/reads the status for CPU 4.
ConfBiosSetupCpuOverrideEnergyPerf	0x1C60	Disable / Enable	0 : disable 1 : enable	Override CPU energy performance from operating system
ConfBiosSetupCpuUtilizationProfile	0x1C61	BIOS setup CPU utilization profile	0 : Even 1 : Unbalanced	CPU utilization profile
ConfBiosSetup-CpuEarlySnoop	0x1C62	BIOS setup enable/disable/automatic value	0 : Disable 1 : Enable 2 : Auto	CPU early snoop enable
ConfBiosSetup-CpuC1ESupport	0x1C63	Disable / Enable	0 : disable 1 : enable	Enable CPU C1E support
ConfBiosSetup-CpuQpiLink1	0x1C64	Disable / Enable	0 : disable 1 : enable	Disable QPI link 1 support
ConfBiosSetupCpuUncoreFreqOverride	0x1C65	Disable / Enable	0 : disable 1 : enable	Enable uncore frequency override
ConfCpuHardwarePower-ManagementSupport	0x1C67	BIOS setup HWPM support	0 : Disable 1 : Native Mode 2 : OOB Mode	Enable CPU hardware power management support
ConfCpuLlcDeadLineAllocEnabled	0x1C68	Disable / Enable	0 : disable 1 : enable	Enable handling of dead lines in CPU LLC (Last Level Cache)
ConfCpuStaleAtosEnabled	0x1C69	Disable / Enable	0 : disable 1 : enable	Enable directory optimization of stale data by the Caching Agent
ConfBiosSetupMemModuleConfig	0x1C70	Module configuration	Memory module configuration 0 : normal 1 : manually disabled 2 : hot spare 3 : mirror 4 : raid 5 : not usable 6 : configuration	Memory module mode configuration

Command	Value ID	Data length	Values	Description
			error 7 : independent	
ConfBiosSetupMemNumaEnabled	0x1C71	Disable / Enable	0 : disable 1 : enable	NUMA (Non-Uniform Memory Access) is a memory architecture for multiprocessor systems. Each processor has its own local memory, but it may also access the local memory of the other processors (shared memory). The access to the local memory is faster than to the shared memory.
ConfBiosSetupMemDdrPerformanceMode	0x1C72	Memory performance mode	DDR RAM Performance Mode 0 : Highest possible speed at low voltage 1 : Lowest possible speed to save energy 2 : Highest possible speed for best performance	The memory modules may operate at different speeds (frequencies). The performance will increase at higher speeds, whereas energy saving will be increased at lower speeds. The possible memory speeds are depending on the populated memory module configuration.
ConfBiosSetupMemImcInterleaving	0x1C74	Memory IMC interleaving	0 : Auto 1 : 1-Way 2 : 2-Way	Specifies the interleaving of the Integrated Memory Controllers (IMC)
ConfBiosSetupMemSubNumaClustering	0x1C75	BIOS setup enable/disable/automatic value	0 : Disable 1 : Enable 2 : Auto	Select the Sub NUMA Clustering (SNC) - a feature for breaking up the LLC (LastLevel Cache) into disjointed clusters based on the address range
ConfBiosSetupUsbPortControl	0x1C80	BIOS setup USB port control	USB port control 0 : All USB ports enabled 1 : All USB ports disabled 2 : Rear USB ports disabled 3 : Front USB ports disabled 4 : External USB ports disabled 5 : Unused USB ports disabled	Configures the usage of the USB ports. Any disabled USB ports are neither available during POST nor are they available under the operating system.
ConfBiosSetupSataMode	0x1C81	BIOS setup SATA controller mode	SATA mode 0 : disabled 1 : IDE mode 2 : AHCI mode 3 : RAID mode	Configures the usage of the SATA controller.
ConfBiosSetupViomFlagEnabled	0x1C82	Disable / Enable	Enable the VIOM flag	The Virtual IO-Manager flag is used to enable/disable the IO-virtualization. Being

Command	Value ID	Data length	Values	Description
			0 : disable 1 : enable	enabled, the Virtual IO-Manager software is able to provide so called profiles to virtualize IO addresses (WWNs and MAC) and to (de-)configure known onboard IO devices as well as expansion cards. The application of these profiles also allows to overwrite the boot sequence if desired.
ConfBiosSetupSataControllerEnabled	0x1C83	Disable / Enable	0 : disable 1 : enable	Enable onboard SATA controller
ConfBiosSetupUsbOnboardControllers	0x1C84	Disable / Enable	0 : disable 1 : enable	Enable onboard USB controllers
ConfBiosSetupUsbLegacySupport	0x1C85	BIOS setup enable/disable/automatic value	0 : Disable 1 : Enable 2 : Auto	Legacy USB support configuration
ConfBiosSetupUsbXhciMode	0x1C86	BIOS setup USB XHCI modes	0 : Disable 1 : Enable 2 : Auto 3 : Smart Auto	Configure USB xHCI mode
C o n f B i o s - SetupSSataMode	0x1C87	BIOS setup SATA controller mode	SATA mode 0 : disabled 1 : IDE mode 2 : AHCI mode 3 : RAID mode	Configures the usage of the onboard sSATA controller.
ConfBiosSetupSSataControllerEnabled	0x1C88	Disable / Enable	0 : disable 1 : enable	Enable onboard sSATA controller
C o n f B i o s S e t u p - PxeBootOptionRetry	0x1C90	Disable / Enable	0 : disable 1 : enable	Specifies if NON-EFI based PXE boot options will be retried without waiting for user input.
ConfBiosSetupBootNumlockState	0x1C92	Off / On	0 : off 1 : on	Configure bootup NumLock state
ConfBiosSetupQuietBootEnabled	0x1C93	Disable / Enable	0 : disable 1 : enable	BIOS quiet boot
C o n f B i o s - SetupCheckCtrlrHealthStatus	0x1C94	Disable / Enable	0 : disable 1 : enable	Enable checking of controllers' health status
ConfBiosSetupKeepVoidBootOptions	0x1C95	Disable / Enable	0 : disable 1 : enable	Enable keep void boot options
C o n f B i o s S e t u p - BootRemovableMedia	0x1C96	Disable / Enable	0 : disable 1 : enable	Enable booting from removable media

Command	Value ID	Data length	Values	Description
ConfBiosSetupNew-BootOptionPolicy	0x1C97	BIOS setup new boot option policy	0 : Default 1 : Place first 2 : Place last	Controls the placement of newly detected UEFI boot options
ConfBiosSetupOnboard-LanEnabled	0x1CA0	BIOS setup LAN controllers enable	0 : Disabled 1 : Enabled 2 : LAN1 enabled 3 : LAN1 and LAN2 enabled	Specifies whether the onboard NIC / LAN controllers are enabled or disabled. If this value is disabled, the LAN controller will not be recognized by any operating system. NOTE: Some systems support the values DISABLED/ENABLED for 1CA0 (LAN1) and 1CA1 (LAN2); other systems support DISABLED, LAN1, LAN12 for 1CA0 (only)!
ConfBiosSetupOnboard-Lan2Enabled	0x1CA1	BIOS setup LAN controllers enable	0 : Disabled 1 : Enabled 2 : LAN1 enabled 3 : LAN1 and LAN2 enabled	Specifies whether the onboard NIC / LAN controller 2 is enabled or disabled. If this value is disabled, the LAN controller will not be recognized by any operating system. NOTE: Some systems support the values DISABLED/ENABLED for 1CA0 (LAN1) and 1CA1 (LAN2); other systems support DISABLED, LAN1, LAN12 for 1CA0 (only)!
ConfBiosSetupOpRom-Lan1Mode	0x1CA2	BIOS setup LAN option ROM mode	0 : Disabled 1 : Enabled for booting via PXE 2 : Enabled for booting via iSCSI	Enables/disables the BIOS option ROM for the specified onboard LAN controller 1
ConfBiosSetupOpRom-Lan2Mode	0x1CA3	BIOS setup LAN option ROM mode	0 : Disabled 1 : Enabled for booting via PXE 2 : Enabled for booting via iSCSI	Enables/disables the BIOS option ROM for the specified onboard LAN controller 2
ConfBiosSetupStorageCtrlrEnabled	0x1CA4	Disable / Enable	0 : disable 1 : enable	Specifies whether the SAS/SATA Storage Controller Unit (SCU) is enabled or disabled. If this function is disabled, the SCU will not be recognized by any operating system.
ConfBiosSetupStorageCtrlrOptionRomEnabled	0x1CA5	Disable / Enable	0 : disable 1 : enable	The SAS/SATA SCU can be used as a boot controller if a suitable Option ROM is started during BIOS POST. This parameter specifies whether an Option ROM should be started and if so which type of Option ROM. It is only valid for legacy, i.e. non-UEFI Option ROMs.
ConfBiosSetupStorageCtrlrDriver	0x1CA6	BIOS setup storage controller driver	SAS/SATA controller driver	Specifies a driver to be used for booting from disks using SAS/SATA Storage Controller.

Command	Value ID	Data length	Values	Description
			1 : LSI MegaRAID 2 : Intel Rapid Storage Technology Enterprise (RSTe)	
ConfBiosSetupCnaEnabled	0x1CA8	Disable / Enable	0 : disable 1 : enable	Specifies whether the Converged Network Adapter (CNA) is enabled or disabled.
ConfBiosSetupCnaOptionRomEnabled	0x1CA9	Disable / Enable	0 : disable 1 : enable	
ConfBiosSetupCnaStandbyEnabled	0x1CAA	Disable / Enable	0 : disable 1 : enable	Enable CNA standby
ConfBiosSetupWakeOnLanBoot	0x1CB1	BIOS setup wake-on-LAN boot	Wake On LAN behaviour 0 : Boot according BIOS boot sequence 1 : Force boot from LAN 2 : Try boot from LAN first	Specifies the system behaviour when switched on via a LAN controller.
ConfBiosSetupPowerOnSource	0x1CB2	BIOS setup power-on source	0 : BIOS controlled 1 : ACPI controlled	Configure power-on source control
ConfPermanentBiosConfigStorageEnabled	0x1CC0	TRUE / FALSE	0 : False 1 : True	This value indicates the intended BIOS configuration storage approach: False: No automatic config transfer from BIOS; iRMC must get BIOS config via BSPBR backup. True: If BIOS is capable of this feature and feature is enabled during system boot, BIOS automatically passes the BIOS configuration to the iRMC.
ConfBiosSetupEraseEventLog	0x1CC1	BIOS setup erase event log	0 : Not erased 1 : Erase at next reset 2 : Erase at every reset	Clear the SMBIOS event log. Also defines whether the log is cleared once at next reset or at every reset. When "Erase at next reset" is selected, BIOS automatically changes this selection to "Not erased" after the log has been cleared.
ConfBiosSetupAdminPassword	0x1CD0	Password	BIOS Administrator Password	

Command	Value ID	Data length	Values	Description
ConfBiosSetupUserPassword	0x1CD1	Password	BIOS User Password	
ConfBiosSetupSkipPasswordWakeOnLan	0x1CD2	Disable / Enable	If disabled user must enter a password on wakeup-on-LAN 0 : disable 1 : enable	Establishes whether the BIOS user password is bypassed or must be entered when booting with wakeup-on-LAN (WOL).
ConfBiosSetupFlashWriteEnabled	0x1CD3	Disable / Enable	System BIOS write protection 0 : disable 1 : enable	Assigns write protection to the system BIOS.
ConfBiosSetupSecureBootEnabled	0x1CD4	Disable / Enable	UEFI secure boot 0 : disable 1 : enable	Enables or disables the Secure Boot (Trusted Boot) feature. Secure Boot is a security feature introduced with Windows 8 that leverages the UEFI firmware to block the loading of operating systems that have not been signed by an OS-provided key.
ConfBiosSetupUserPasswordOnBoot	0x1CD5	BIOS setup user password on boot	0 : Never 1 : On first boot only 2 : On every boot	Configure user password on boot
ConfBiosSetupFactoryDefaultKeyProvision	0x1CD6	Disable / Enable	0 : disable 1 : enable	Enable factory default key provision
ConfBiosSetupSecureBootMode	0x1CD7	BIOS setup secure boot mode	0 : Standard 1 : Custom	Configure secure boot mode
ConfBiosSetupTrustedExecutionTechnology	0x1CD8	Disable / Enable	0 : disable 1 : enable	Read/configure the Intel Trusted Execution Technology (TXT) feature
ConfSystemFirmwareRollbackEnabled	0x1CD9	Disable / Enable	0 : disable 1 : enable	Enable system firmware rollback
ConfBiosSetupOptionRomSlot1Enabled	0x1CE0	Disable / Enable	0 : disable 1 : enable	Enable PCI slot 1 option ROM
ConfBiosSetupOptionRomSlot2Enabled	0x1CE1	Disable / Enable	0 : disable 1 : enable	Enable PCI slot 2 option ROM
ConfBiosSetupOptionRomSlot3Enabled	0x1CE2	Disable / Enable	0 : disable 1 : enable	Enable PCI slot 3 option ROM
ConfBiosSetupOptionRomSlot4Enabled	0x1CE3	Disable / Enable	0 : disable 1 : enable	Enable PCI slot 4 option ROM

Command	Value ID	Data length	Values	Description
ConfBiosSetupOption-RomSlot5Enabled	0x1CE4	Disable / Enable	0 : disable 1 : enable	Enable PCI slot 5 option ROM
ConfBiosSetupOption-RomSlot6Enabled	0x1CE5	Disable / Enable	0 : disable 1 : enable	Enable PCI slot 6 option ROM
ConfBiosSetupOption-RomSlot7Enabled	0x1CE6	Disable / Enable	0 : disable 1 : enable	Enable PCI slot 7 option ROM
ConfBiosSetupOption-RomSlot8Enabled	0x1CE7	Disable / Enable	0 : disable 1 : enable	Enable PCI slot 8 option ROM
ConfBiosSetupOption-RomSlot9Enabled	0x1CE8	Disable / Enable	0 : disable 1 : enable	Enable PCI slot 9 option ROM
ConfBiosSetupOption-RomSlot10Enabled	0x1CE9	Disable / Enable	0 : disable 1 : enable	Enable PCI slot 10 option ROM
ConfBiosSetupOption-RomSlot11Enabled	0x1CEA	Disable / Enable	0 : disable 1 : enable	Enable PCI slot 11 option ROM
ConfBiosSetupOption-RomSlot12Enabled	0x1CEB	Disable / Enable	0 : disable 1 : enable	Enable PCI slot 12 option ROM
ConfBiosSetupOption-RomSlot13Enabled	0x1CEC	Disable / Enable	0 : disable 1 : enable	Enable PCI slot 13 option ROM
ConfBiosSetupOption-RomSlot14Enabled	0x1CED	Disable / Enable	0 : disable 1 : enable	Enable PCI slot 14 option ROM
ConfBiosSetupOption-RomSlot15Enabled	0x1CEE	Disable / Enable	0 : disable 1 : enable	Enable PCI slot 15 option ROM
ConfBiosSetupOption-RomSlot16Enabled	0x1CEF	Disable / Enable	0 : disable 1 : enable	Enable PCI slot 16 option ROM
ConfBiosSetupNetwork-StackEnabled	0x1CF0	Disable / Enable	0 : disable 1 : enable	Enable/disable the onboard network devices stack.
C o n f B i o s - SetupIpV4PxeEnabled	0x1CF1	Disable / Enable	0 : disable 1 : enable	Enable/disable the onboard network devices PXE boot support for IPv4.
C o n f B i o s - SetupIpV6PxeEnabled	0x1CF2	Disable / Enable	0 : disable 1 : enable	Enable/disable the onboard network devices PXE boot support for IPv6.
ConfIpV4HttpSupportEnabled	0x1CF3	Disable / Enable	0 : disable 1 : enable	Enable/disable IPv4 HTTP boot support. If disabled, IPv4 HTTP boot support will not be available
ConfIpV6HttpSupportEnabled	0x1CF4	Disable / Enable	0 : disable 1 : enable	Enable/disable IPv6 HTTP boot support. If disabled, IPv6 HTTP boot support will not be available

Command	Value ID	Data length	Values	Description
ConfBiosSetupLaunchCsmEnabled	0x1D00	Disable / Enable	0 : disable 1 : enable	Enable/disable the launch of the UEFI CSM.
ConfBiosSetupBootOptionFilter	0x1D01	BIOS setup boot option filter	0 : UEFI and legacy 1 : Legacy only 2 : UEFI only	Set a filter for supported UEFI boot types.
ConfBiosSetupPxeOpRomPolicy	0x1D02	BIOS setup option ROM policy	0 : Do not launch 1 : Legacy only 2 : UEFI only	Define the option ROM policy for PXE boot devices.
ConfBiosSetupStorageOpRomPolicy	0x1D03	BIOS setup option ROM policy	0 : Do not launch 1 : Legacy only 2 : UEFI only	Define the option ROM policy for storage devices.
ConfBiosSetupOtherPciRomPriority	0x1D04	BIOS setup option ROM policy	0 : Do not launch 1 : Legacy only 2 : UEFI only	Define the option ROM boot priority for other PCI devices.
ConfBiosSetupVideoOpRomPolicy	0x1D05	BIOS setup option ROM policy	0 : Do not launch 1 : Legacy only 2 : UEFI only	Define the option ROM policy for video devices.
ConfCpu1RootPort1Bifurcation	0x1D10	PCIe port bifurcation	0 : Automatic 1 : x16 2 : x8x8 3 : x8x4x4 4 : x4x4x8 5 : x4x4x4x4	Selects PCIe port bifurcation for Root Port 1 of CPU 1
ConfCpu1RootPort2Bifurcation	0x1D11	PCIe port bifurcation	0 : Automatic 1 : x16 2 : x8x8 3 : x8x4x4 4 : x4x4x8 5 : x4x4x4x4	Selects PCIe port bifurcation for Root Port 2 of CPU 1
ConfCpu1RootPort3Bifurcation	0x1D12	PCIe port bifurcation	0 : Automatic 1 : x16 2 : x8x8 3 : x8x4x4 4 : x4x4x8 5 : x4x4x4x4	Selects PCIe port bifurcation for Root Port 3 of CPU 1
ConfCpu2RootPort1Bifurcation	0x1D13	PCIe port bifurcation	0 : Automatic 1 : x16 2 : x8x8 3 : x8x4x4 4 : x4x4x8 5 : x4x4x4x4	Selects PCIe port bifurcation for Root Port 1 of CPU 2

Command	Value ID	Data length	Values	Description
ConfCpu2RootPort2Bifurcation	0x1D14	PCIe port bifurcation	0 : Automatic 1 : x16 2 : x8x8 3 : x8x4x4 4 : x4x4x8 5 : x4x4x4x4	Selects PCIe port bifurcation for Root Port 2 of CPU 2
ConfCpu2RootPort3Bifurcation	0x1D15	PCIe port bifurcation	0 : Automatic 1 : x16 2 : x8x8 3 : x8x4x4 4 : x4x4x8 5 : x4x4x4x4	Selects PCIe port bifurcation for Root Port 3 of CPU 2
ConfCpu3RootPort1Bifurcation	0x1D16	PCIe port bifurcation	0 : Automatic 1 : x16 2 : x8x8 3 : x8x4x4 4 : x4x4x8 5 : x4x4x4x4	Selects PCIe port bifurcation for Root Port 1 of CPU 3
ConfCpu3RootPort2Bifurcation	0x1D17	PCIe port bifurcation	0 : Automatic 1 : x16 2 : x8x8 3 : x8x4x4 4 : x4x4x8 5 : x4x4x4x4	Selects PCIe port bifurcation for Root Port 2 of CPU 3
ConfCpu3RootPort3Bifurcation	0x1D18	PCIe port bifurcation	0 : Automatic 1 : x16 2 : x8x8 3 : x8x4x4 4 : x4x4x8 5 : x4x4x4x4	Selects PCIe port bifurcation for Root Port 3 of CPU 3
ConfCpu4RootPort1Bifurcation	0x1D19	PCIe port bifurcation	0 : Automatic 1 : x16 2 : x8x8 3 : x8x4x4 4 : x4x4x8 5 : x4x4x4x4	Selects PCIe port bifurcation for Root Port 1 of CPU 4
ConfCpu4RootPort2Bifurcation	0x1D1A	PCIe port bifurcation	0 : Automatic 1 : x16 2 : x8x8 3 : x8x4x4 4 : x4x4x8 5 : x4x4x4x4	Selects PCIe port bifurcation for Root Port 2 of CPU 4
ConfCpu4RootPort3Bifurcation	0x1D1B	PCIe port bifurcation	0 : Automatic 1 : x16 2 : x8x8 3 : x8x4x4	Selects PCIe port bifurcation for Root Port 3 of CPU 4

Command	Value ID	Data length	Values	Description
			4 : x4x4x8 5 : x4x4x4x4	
ConfBiosSetupVmd-Cpu1RootPort1	0x1D20	Disable / Enable	0 : disable 1 : enable	Enable VMD for Root Port 1 of CPU 1
ConfBiosSetupVmd-Cpu1RootPort2	0x1D21	Disable / Enable	0 : disable 1 : enable	Enable VMD for Root Port 2 of CPU 1
ConfBiosSetupVmd-Cpu1RootPort3	0x1D22	Disable / Enable	0 : disable 1 : enable	Enable VMD for Root Port 3 of CPU 1
ConfBiosSetupVmd-Cpu2RootPort1	0x1D23	Disable / Enable	0 : disable 1 : enable	Enable VMD for Root Port 1 of CPU 2
ConfBiosSetupVmd-Cpu2RootPort2	0x1D24	Disable / Enable	0 : disable 1 : enable	Enable VMD for Root Port 2 of CPU 2
ConfBiosSetupVmd-Cpu2RootPort3	0x1D25	Disable / Enable	0 : disable 1 : enable	Enable VMD for Root Port 3 of CPU 2

2.1.58. Redfish configuration

Command	Value ID	Data length	Values	Description
ConfBMCAcctUserRedfishEnabled	0x1D80	Disable / Enable	0 : disable 1 : enable	Redfish enabled for BMC user. If disabled, given user does not have access to any Redfish resource. The value can be changed only by a user with Redfish "Administrator" role.
ConfBMCAcctUserRedfishRoleId	0x1D81	CS_ConfBMCAcctUserRedfishRoleId	0x00 : Value not set 0x01 : Operator 0x02 : Administrator 0x03 : Read-only	Redfish role of BMC user. The value can be changed only by a user with Redfish "Administrator" role.
ConfBMCRedfishUserLockStatus	0x1D82	TRUE / FALSE	0 : False 1 : True	Replies whether Redfish BMC user is locked out for access to Redfish resources. A user is locked internally by the Redfish Service if a defined number of failure login attempts happened. It will be internally unlocked after the time period defined in BMCRedfishAccLockDuration.
ConfBMCRedfishAuthFailureThreshold	0x1D83	Byte (8 Bit)		The value defines number of authorization failures into Redfish resources that need to occur before the failure attempt is logged to the manager log.
ConfBMCRedfishAccLockThreshold	0x1D84	Byte (8 Bit)		The value defines number of failed login attempts to Redfish resources before a user

Command	Value ID	Data length	Values	Description
				account is locked for a specified duration (0=never locked).
ConfBMCRedfishAccLockDuration	0x1D85	Word (16 Bit)		The time (in seconds) a user account is locked out for accessing Redfish resources after the account lockout threshold is met. Must be >= ConfBMCRedfishAccLockResetAfter. If set to 0, no lockout will occur.
ConfBMCRedfishAccLockResetAfter	0x1D86	Word (16 Bit)		The interval of time (in seconds) since the last failed login attempt to Redfish interface at which point the lockout threshold counter for the account is reset to zero. Must be less than or equal to ConfBMCRedfishAccLockDuration.
ConfBMCRedfishExternallyAccessible	0x1D87	Disable / Enable	0 : disable 1 : enable	Enable/disable Redfish service access from WebServer. If disabled, Redfish Service remains running, but requests from the Web are not passed to RedfishService and HTTP code 503 (Service Unavailable) is returned by WebServer.
ConfBMCRedfishMaxSessTimeout	0x1D88	Double Word (32 Bit)		Redfish session timeout (in seconds).
ConfLDAPRedfishRoleByUserGroup	0x1D8B	CS_ConfLDAPRedfishRoleByUserGroup	0x00 : No Redfish access 0x01 : Operator 0x02 : Administrator 0x03 : Read-only	Per user group setting: Specify the Redfish role of user in the LDAP user group.
ConfBMCRedfishEnabled	0x1D8C	Disable / Enable	0 : disable 1 : enable	Enable Redfish service on iRMC. If disabled, Redfish is not available.

2.1.59. Intel Apache Pass (AEP; persistent DIMM) technology

Command	Value ID	Data length	Values	Description
ConfApachePassConfigurationMode	0x1DA0	A p a c h e Pass configuration mode	0 : 1LM (all modules as memory) 1 : 2LM (standard DIMM modules as cache) 2 : Automatic	Persistent DIMM (Intel Apache Pass) configuration mode.
C o n f A - apachePassEraseAllNvdimm	0x1DA1	Disable / Enable	0 : disable 1 : enable	If set to "Enable", all NVDIMMs will be erased.

Command	Value ID	Data length	Values	Description
ConfApachePassNvdimmAveragePowerBudget	0x1DA2	Word (16 Bit)	Value in mW	NVDIMM power management policy for average power.

2.1.60. Diagnostics Features

Command	Value ID	Data length	Values	Description
ConfDiagEnableBmcLedTest	0x1F00	TRUE / FALSE	0 : False 1 : True	If set, the BMC switches on all LEDs in the BMC power-on initialisation (LED test). This variable will be set after the first firmware flashing in the factory and cleared after the first server power-on.
ConfDiagEnableBmcCoreDumpFeature	0x1F01	Disable / Enable	0 : disable 1 : enable	Enable/disable creation of process core dumps due to a BMC process crash

2.1.61. ServerView SNMP Agents

Command	Value ID	Data length	Values	Description
ConfTrapToEventlog	0x3800			Defines a bit mask which SNMP traps should be forwarded to the system eventlog.
ConfTrapToAdminAlert	0x3801			Defines a bit mask which SNMP traps should be forwarded as administrator alert.
ConfMibSetEnabled	0x3810	Disable / Enable	0 : disable 1 : enable	Enables or disables SNMP set operations for ServerView Agents
ConfMibShutdownEnabled	0x3811	Disable / Enable	0 : disable 1 : enable	Enables or disables a remote system shutdown via SNMP request for ServerView Agents.
ConfMibAccountCheck	0x3812	Disable / Enable	0 : disable 1 : enable	Enables or disables the user account check for SNMP set operations to ServerView Agents.
ConfMibAccountUserGroup	0x3813	STRING		User group for the ServerView SNMP Agents account check feature. Only members of this group can do SNMP set operations. If the account check is switched on and the group is empty only local system administrators can do SNMP set operations!

2.1.62. ServerView Agent Features

Command	Value ID	Data length	Values	Description
ConfVmeThresholdMonitoringEnable	0x3820	Disable / Enable	0 : disable 1 : enable	Enables or disables the VME agents threshold monitoring feature.
ConfDriverMonitoringEnable	0x3821	Disable / Enable	0 : disable 1 : enable	Enables or disables the agents' driver monitoring feature.

Chapter 3. Appendix

3.1. Table of command codes

Opcode	Command	Command / Reply / Event
0x011E	SystemUpTime	Command
0x1130	BatteryStatus	Command / Event
0x1131	BatteryChargePercent	Command
0x1132	BatteryLifeTime	Command
0x1133	BatteryLineStatus	Command / Event
0x230F	StatusTreeSystemStatus	Command / Event
0xE000	ConfigurationSpaceStatus	Command / Event
0xE001	ReadConfigurationSpace	Command
0xE002	WriteConfigurationSpace	Command / Event
0xE004	ExportConfigurationSpace	Command
0xE005	ImportConfigurationSpace	Command
0xE006	ConfigurationSpaceChanged	Event

3.2. Table of configuration space values

Value ID	Data length	Command
0x0007	DT__BYTE	ConfMessageLogNoWrap
0x0009	DT__BYTE	ConfIELNoWrap
0x0040	DT__BYTE	ConfBootWatchdogEnable
0x0041	unsigned short	ConfBootWatchdogTime
0x0042	DT__BYTE	ConfSoftWatchdogEnable
0x0043	unsigned short	ConfSoftWatchdogTime
0x0050	DT__BYTE	ConfPagerEnable
0x0051	DT__BYTE	ConfPagerType
0x0053	DT__BYTE	ConfPagerPort
0x0055	DT__BYTE	ConfPagerPortBaudRate
0x0056	STRING	ConfPagerModemInitString
0x0057	STRING	ConfPagerDialPrefix
0x0058	STRING	ConfPagerDialNumber
0x0059	STRING	ConfPagerUserNumber
0x005A	STRING	ConfPagerMessage
0x005B	unsigned short	ConfPagerServerNumber
0x005C	STRING	ConfPagerUserName
0x005D	STRING	ConfPagerUserDescription
0x0060	DT__BYTE	ConfVT100Enable
0x0061	DT__BYTE	ConfVT100ConnectionType
0x0062	DT__BYTE	ConfVT100EnhancedMode

Value ID	Data length	Command
0x0063	DT__BYTE	ConfVT100Port
0x0064	DT__BYTE	ConfVT100IRQ
0x0065	DT__BYTE	ConfVT100BaudRate
0x0066	STRING	ConfVT100InitString
0x0067	STRING	ConfVT100DialOutPrefix
0x0068	STRING	ConfVT100DialOutNumber
0x0069	STRING	ConfVT100Password
0x006A	DT__BYTE	ConfVT100PasswordEncrypt
0x006B	DT__BYTE	ConfVT100CallbackDelay
0x006C	DT__BYTE	ConfVT100MediaType
0x006D	DT__BYTE	ConfVT100Protocol
0x006E	DT__BYTE	ConfVT100FlowControl
0x0074	DT__BYTE	ConfBootWatchdogBehavior
0x0075	DT__BYTE	ConfSoftWatchdogBehavior
0x007A	DT__BYTE	ConfPowerSafeGuardShutdown
0x007B	unsigned short	ConfPSUPowerInputLimit
0x0083	DT__BYTE	ConfBIOSExternalGraphicUsed
0x0084	DT__BYTE	ConfDisableFanTest
0x0085	DT__BYTE	ConfSupprPonFanTestIn24Hours
0x0086	DT__BYTE	ConfEnforceMaxFanSpeed
0x00A0	DT__WORD	ConfServerOnTime
0x00A1	DT__WORD	ConfServerOffTime
0x00A3	unsigned char	ConfPowerOnTrapPremonitionTime
0x00A4	unsigned char	ConfPowerOffTrapPremonitionTime
0x00A5	DT__BYTE	ConfEmergencySystemPowerDownMode
0x00BB	DT__BYTE	ConfMemoryMirrorBehaviour
0x00BC	DT__BYTE	ConfAllMemoryMirrorModeEnable
0x00BD	DT__BYTE	ConfAllCpuHyperThreadingEnable
0x00BE	DT__BYTE	ConfAllMemorySpareModeEnable
0x0100	unsigned char	ConfNumberUps
0x0102	unsigned char	ConfUpsMaxDischargeTime
0x0103	STRING	ConfUpsAgentOid
0x0104	STRING	ConfUpsAgentIpAddress
0x0105	STRING	ConfUpsVendor
0x0106	STRING	ConfUpsModel
0x0107	unsigned short array	ConfUpsCabinets
0x0110	DT__BYTE	ConfNumberBbu
0x0150	DT__BYTE	ConfAlmModemDataBits
0x0151	DT__BYTE	ConfAlmModemParity
0x0152	DT__BYTE	ConfAlmModemStopBits

Value ID	Data length	Command
0x0153	DT__BYTE	ConfAlmSmsProtocol
0x0154	STRING	ConfAlmModemResetString
0x0155	STRING	ConfAlmPassword
0x0156	DT__BYTE	ConfAlmErrorLevel
0x0157	DT__DWORD	ConfAlmErrorGroupMask
0x0158	DT__BYTE	ConfAlmModemFlowCtrl
0x0159	DT__BYTE	ConfAlmSmsMsgLength
0x015A	unsigned short	ConfAlmRetryInterval
0x015B	unsigned short	ConfAlmRetryCount
0x015C	7 x unsigned short	ConfAlmForwardOnTime
0x015D	7 x unsigned short	ConfAlmForwardOffTime
0x015E	DT__BYTE	ConfAlmConnectionType
0x0210	Server asset tag	ConfServerAssetTag
0x0211	STRING	ConfHelpdeskMessage
0x0212	STRING	ConfBmcAvrTitle
0x0213	STRING	ConfMgmtServiceVersion
0x0214	DT__BYTE	ConfHasEncryptedPartitions
0x0215	STRING	ConfRackName
0x0216	STRING	ConfChassisHostname
0x0400	DT__BYTE	ConfAlerterBeepEnable
0x0401	Tone sequence definition	ConfAlerterBeepWarningSequence
0x0402	Tone sequence definition	ConfAlerterBeepErrorSequence
0x0430	unsigned char	ConfAlerterSMTPConfigNumber
0x0431	STRING	ConfAlerterSMTPServer
0x0432	unsigned short	ConfAlerterSMTPPort
0x0433	unsigned int	ConfAlerterSMTPResponseTimeout
0x0434	unsigned char	ConfAlerterSMTPRetries
0x0435	unsigned int	ConfAlerterSMTPRetryDelay
0x0436	DT__BYTE	ConfAlerterSMTPAuthType
0x0437	unsigned short	ConfAlerterSMTPAuthPort
0x0438	STRING	ConfAlerterSMTPAuthUserName
0x0439		ConfAlerterSMTPAuthPassword
0x043A	DT__BYTE	ConfAlerterSMTPUseTLS
0x1100	STRING	StorStaticDisplayStrings
0x1101	unsigned short	StorStaticNrDisplayStrings
0x1110	unsigned short array	ConfDisplaySysInfoValues
0x1120	DT__BYTE	ConfDisplaySeverityFilter

Value ID	Data length	Command
0x1121	DT__BYTE	ConfDisplaySeverityFilterWeb
0x1123	DT__BYTE	ConfDisplaySeverityFilterWebIEL
0x1130	DT__BYTE	ConfPowerDisplayUnit
0x1131	DT__BYTE	ConfTemperatureDisplayUnit
0x1200	4-byte IPv4 Address	ConfIPAddress
0x1201	4-byte IPv4 Address	ConfIPSubnetMask
0x1202	4-byte IPv4 Address	ConfIPGateway
0x1203	4-byte IPv4 Address	ConfIPDnsServer
0x1204	4-byte IPv4 Address	ConfIPDnsServer2
0x1205		ConfMacAddress
0x1206	DT__BYTE	ConfIPNominalSpeed
0x1210	DT__BYTE	ConfIPUseDHCP
0x1211	DT__BYTE	ConfIPUseDNS
0x1212	DT__BYTE	ConfIPUsePPP
0x1213	DT__BYTE	ConfIPForceHTTPS
0x1220	unsigned short	ConfIPHttpport
0x1221	unsigned short	ConfIPTelnetPort
0x1222	unsigned short	ConfIPTelnetDropTime
0x1223	DT__BYTE	ConfIPTelnetForceSSL
0x1224	unsigned short	ConfIPPowerManPort
0x1225	unsigned short	ConfIPHttpport
0x1226	DT__BYTE	ConfEnableManagementLAN
0x1227	unsigned short	ConfIPTCPConnectionTimeout
0x1240	DT__BYTE	ConfAlarmEnable
0x1241	DT__BYTE	ConfAlarmType
0x1242	DT__BYTE	ConfAlarmErrorLevel
0x1243	DT__DWORD	ConfAlarmErrorGroupMask
0x1244	unsigned short	ConfAlarmRetryCount
0x1245	unsigned short	ConfAlarmRetryInterval
0x1246	7 x unsigned short	ConfAlarmForwardOnTime
0x1247	7 x unsigned short	ConfAlarmForwardOffTime
0x1248	STRING	ConfAlarmModemInitString
0x1249	STRING	ConfAlarmModemResetString
0x124A	STRING	ConfAlarmDialPrefix
0x124B	STRING	ConfAlarmDialNumber

Value ID	Data length	Command
0x124C	STRING	ConfAlarmActivityPrompt
0x124D	DT__BYTE	ConfAlarmConnectionType
0x124E	DT__BYTE	ConfAlarmConnectBehavior
0x124F	STRING	ConfAlarmPassword
0x1250	unsigned short	ConfAlarmServerNumber
0x1251	STRING	ConfAlarmUserName
0x1252	STRING	ConfAlarmUserDescription
0x1253	DT__BYTE	ConfAlarmServerGroup
0x1258	STRING	ConfAlarmPagerUserNumber
0x1260	DT__BYTE	ConfAlarmSmsProtocol
0x1261	DT__BYTE	ConfAlarmSmsMsgLength
0x1270	DT__BYTE	ConfAlarmEmailSMTPAuthType
0x1272	STRING	ConfAlarmEmailSMTPAuthUserName
0x1273		ConfAlarmEmailSMTPAuthPassword
0x1278	STRING	ConfAlarmITSCountryCode
0x1279	STRING	ConfAlarmITSCustomerId
0x127A	DT__BYTE	ConfSendChassisEmailAlerting
0x127B	DT__BYTE	ConfBMCAcctUserSendChassisEmailAlerts
0x127C	DT__BYTE	ConfAlarmSMTPUseSSL
0x127D	DT__BYTE	ConfAlarmSMTPVerifyCert
0x127E	DT__BYTE	ConfAlarmAttachOsStopScreenshotEnabled
0x1280	STRING	ConfAlarmMailTo
0x1281	STRING	ConfAlarmMailFrom
0x1282	STRING	ConfAlarmMailServer
0x1283	unsigned short	ConfAlarmSMTPPort
0x1284	STRING	ConfAlarmMailSubject
0x1285	STRING	ConfAlarmMailMessage
0x1286	STRING	ConfAlarmMailUserInfo0
0x1287	STRING	ConfAlarmMailUserInfo1
0x1288	DT__BYTE	ConfAlarmMailType
0x128A	unsigned char	ConfAlarmSMTPRetries
0x128B	unsigned short	ConfAlarmSMTPRetryDelay
0x128C	STRING	ConfAlarmServerURL
0x128D	unsigned short	ConfAlarmSMTPResponseTimeout
0x128E	unsigned char	ConfAlarmNrSMTPServers
0x128F	DT__BYTE	ConfAlarmUseAddressLiteral
0x1290	DT__BYTE	ConfSerLineEnable
0x1291	DT__BYTE	ConfSerLineConnectionType
0x1292	DT__BYTE	ConfSerLineBaudRate
0x1293	STRING	ConfSerLineInitString

Value ID	Data length	Command
0x1300	unsigned short	ConfAcctNrUsers
0x1301	STRING	ConfAcctUserName
0x1302		ConfAcctUserPassword
0x1303	DT__BYTE	ConfAcctUserPermissions
0x1400	unsigned short	ConfSnmpNrCommunities
0x1401	STRING	ConfSnmpCommunityName
0x1402	DT__BYTE	ConfSnmpCommunityPermissions
0x1404	unsigned char	ConfBMCSnmpNrTrapCommunities
0x1405	STRING	ConfBMCSnmpTrapCommunityName
0x1406	DT__BYTE	ConfBMCSnmpServiceCommunityPermissions
0x1407	unsigned short	ConfBMCSnmpServicePort
0x1408	DT__BYTE	ConfBMCSnmpServiceEnable
0x1409	STRING	ConfBMCSnmpServiceCommunityName
0x140A	DT__BYTE	ConfBMCSnmpServiceEnableV3Only
0x140B	STRING	ConfBmcSnmpServiceV3EngineId
0x140E	unsigned char	ConfBmcSnmpTrapDestV3User
0x140F	DT__BYTE	ConfBmcSnmpTrapDestProtocol
0x1410	unsigned short	ConfSnmpNrTrapDest
0x1411	STRING	ConfSnmpTrapDestName
0x1412	unsigned char	ConfBMCSnmpNrTrapDest
0x1413	STRING	ConfBMCSnmpTrapDestName
0x1420	unsigned short	ConfBMCHttpPort
0x1421	unsigned short	ConfBMCHttpsPort
0x1422	unsigned short	ConfBMCTelnetPort
0x1423	unsigned short	ConfBMCSshPort
0x1424	unsigned short	ConfBMCSmtpPort
0x1425	BMC mandates HTTPS	ConfBMCForceHttpsPort
0x1426	BMC telnet activation	ConfBMCTelnetEnable
0x1427	BMC secure shell activation	ConfBMCSshEnable
0x1428	unsigned short	ConfBMCVNCPort
0x1429	unsigned short	ConfBMCVNCSecurePort
0x142A	unsigned short	ConfBMCRemoteStoragePort
0x142B	unsigned short	ConfBMCRemoteStorageSecurePort
0x142C	unsigned short	ConfBMCKMPort
0x142D	unsigned short	ConfBMCKMSecurePort
0x142E	unsigned short	ConfBMCAudioPort
0x142F	unsigned short	ConfBMCAudioSecurePort

Value ID	Data length	Command
0x1430	BMC network name prefix	ConfBMCNetworkName
0x1431	Enable BMC network name	ConfBMCUseNetworkName
0x1432	BMC network name suffix	ConfBMCNameExtension
0x1433	Enable BMC network name serial number	ConfBMCAddSerialNumber
0x1434	enable BMC network name suffix	ConfBMCAddExtension
0x1435	DT__BYTE	ConfBMCRegisterFqdnWithDhcpInDNS
0x1436	unsigned char	ConfBMCDNSRetries
0x1437	unsigned char	ConfBMCDNSTimeout
0x1438	unsigned short	ConfBMCMTU
0x1440	BMC management interface IP address	ConfBMCIPAddr
0x1441	BMC management interface IP subnet mask	ConfBMCNetmask
0x1442	BMC management interface IP default gateway	ConfBMCGateway
0x1445		ConfBMCMACAddr
0x1446	Enable BMC to use DHCP	ConfBMCUseDHCP
0x1447		ConfBMCGatewayMACAddr
0x1448	4-byte IPv4 Address	ConfBMCBackupGateway
0x1449		ConfBMCBackupGatewayMACAddr
0x144A	Enable BMC DHCP address registration	ConfBMCRegisterDHCPinDNS
0x144B	DT__BYTE	ConfBMCUseDNS
0x144C	DT__BYTE	ConfBMCObtainDNSfromDHCP
0x144D	STRING	ConfBMCDNSDomain
0x144E	unsigned short	ConfBMCNrDNSServer
0x144F	4-byte IPv4 Address	ConfBMCDNSServer
0x14F8	DT__BYTE	ConfBMCRegisterDNS
0x1450	Number of BMC user accounts	ConfBMCAcctNrUsers
0x1451	BMC user account name setting	ConfBMCAcctUserName

Value ID	Data length	Command
0x1452	BMC user account password	ConfBMCAcctUserPassword
0x1453	BMC user can configure user accounts	ConfBMCAcctUserEnableConfigUser
0x1454	DT__BYTE	ConfBMCAcctUserGroup
0x1455	STRING	ConfBMCAcctUserDescription
0x1456	STRING	ConfBMCAcctUserDialBack
0x1457	DT__BYTE	ConfBMCAcctUserEnable
0x1458	STRING	ConfBMCAcctUserEmailAddress
0x1459	DT__BYTE	ConfBMCAcctUserShell
0x145A	DT__BYTE	ConfBMCAcctUserEnableEmailPaging
0x145B	DT__BYTE	ConfBMCAcctUserGroupSerial
0x145C	DT__BYTE	ConfBMCAcctUserPreferredMailServer
0x145D	DT__BYTE	ConfBMCAcctUserEnableConfigBMC
0x145E	DT__BYTE	ConfBMCAcctUserEnableUseAVR
0x145F	DT__BYTE	ConfBMCAcctUserEnableUserRStorage
0x1415	DT__BYTE	ConfBMCSnmpV3UserServiceEnabled
0x1416	DT__BYTE	ConfBMCSnmpV3UserAuthType
0x1417	DT__BYTE	ConfBMCSnmpV3UserPrivType
0x1418	DT__BYTE	ConfBMCSnmpV3UserAccessType
0x1466	STRING	ConfBMCAcctUserSecureMimeCertificate
0x1467	DT__BYTE	ConfBMCAcctUserSendEmailAlertsEncrypted
0x1468	DT__BYTE	ConfBMCAcctUserSmsEmailWithExtraSubject
0x1469	STRING	ConfBMCAcctUserSmsEmailExtraSubject
0x146A	DT__BYTE	ConfBmcAcctUserEnableEmailAttachReport
0x14A0	4-byte IPv4 Address	ConfLMCIpAddr
0x14A1	4-byte IPv4 Address	ConfLMCNetmask
0x14A2	4-byte IPv4 Address	ConfLMCGateway
0x14A3	DT__BYTE	ConfLMCUseDHCP
0x14A4		ConfLMCIIfMacAddress
0x14A5	DT__BYTE	ConfLMCHostOS
0x14B0	4-byte IPv4 Address	ConfRMCIpAddress
0x14B1	4-byte IPv4 Address	ConfRMCIpSubnetMask
0x14B2	4-byte IPv4 Address	ConfRMCIpGateway
0x14B3	DT__BYTE	ConfRMCIpUseDHCP
0x14B4	DT__BYTE	ConfRMCIpNominalSpeed

Value ID	Data length	Command
0x14B5	DT__BYTE	ConfRMCIpForceHttpSSL
0x14B6	DT__BYTE	ConfRMCIpForceTelnetSSL
0x14B7	unsigned short	ConfRMCIpHttpPort
0x14B8	unsigned short	ConfRMCIpHttpsPort
0x14B9	unsigned short	ConfRMCTelnetPort
0x14BA		ConfRMCIpMacAddress
0x14BB	DT__BYTE	ConfRMCTelnetEnable
0x14BC	DT__BYTE	ConfRMCTelnetDropTime
0x14C0	unsigned short	ConfRMCAcctNrUsers
0x14C1	STRING	ConfRMCAcctUserName
0x14C2	16-byte MD5 Hash	ConfRMCAcctUserPassword
0x14C4	STRING	ConfRMCAcctUserGroup
0x14C5	STRING	ConfRMCAcctUserDescription
0x14C6	STRING	ConfRMCAcctUserDialBack
0x14C7		ConfRMCAcctUserClear
0x14C8	STRING	ConfRMCAcctUserEmailAddress
0x14F0	DT__BYTE	ConfBMCPagingEnable
0x14F1	DT__BYTE	ConfBMCSerialPagingEnable
0x14F2	DT__BYTE	ConfBMCSnmpPagingEnable
0x14F3	DT__BYTE	ConfBMCEmailAlertingEnable
0x1600	4-byte IPv4 Address	ConfDiskRedirIPAddressRBS
0x1601	unsigned short	ConfDiskRedirPortNumberRBS
0x1602	DT__BYTE	ConfDiskRedirDiskRedirection
0x1603	STRING	ConfDiskRedirLoginPassword
0x1604	STRING	ConfDiskRedirDiskImageName
0x1605	unsigned char	ConfDiskRedirLUN
0x1606	DT__BYTE	ConfDiskRedirDiskCache
0x1607	DT__BYTE	ConfDiskRedirDiskCacheMode
0x1608	DT__BYTE	ConfDiskRedirDiskCacheMaxSize
0x1630	DT__BYTE	ConfConsLoggingEnable
0x1631	DT__BYTE	ConfConsLogTextModeEnable
0x1632	DT__BYTE	ConfAvrDefaultMouseMode
0x1633	DT__BYTE	ConfHtml5ViewerEnabled
0x1634	DT__BYTE	ConfSerial1MuxMode
0x1640	DT__BYTE	ConfSshPasswordAuthEnable
0x1641	DT__BYTE	ConfSshSecurityLevel
0x1660	DT__BYTE	ConfBMCCimBasedManagementEnable
0x1670	DT__BYTE	ConfNmCupsIsSupported
0x1700	unsigned int	ConfSysShutdownStartDelay

Value ID	Data length	Command
0x1701	unsigned int	ConfSysShutdownCompleteDelay
0x1710	STRING	ConfSysShutdownJobExecutable
0x1711	STRING	ConfSysShutdownJobWorkingDir
0x1712	unsigned int	ConfSysShutdownJobTimeout
0x1720	DT__BYTE	ConfXparMode
0x1721	DT__BYTE	ConfMemChannelMode
0x1722	DT__BYTE	ConfMemMirrorOpMode
0x1723	DT__BYTE	ConfPciAddrMode
0x1724	DT__BYTE	ConfMemMirrorRasMode
0x1820	DT__BYTE	ConfBmcUsbLanEnable
0x1821	STRING	ConfBmcUsbLanIPv4NetMask
0x1822	STRING	ConfBmcUsbLanIPv4AddrBmc
0x1823	STRING	ConfBmcUsbLanIPv4AddrHost
0x1824	DT__WORD	ConfBmcUsbLanMacAddrBmcOUI
0x1825	DT__WORD	ConfBmcUsbLanMacAddrHostOUI
0x1826		ConfBmcUsbLanSshPrivateKey
0x1827	STRING	ConfBmcUsbLanSshUserNameHost
0x1900	DT__BYTE	ConfBMCPagingSeverityTemperature
0x1901	DT__BYTE	ConfBMCPagingSeverityFans
0x1902	DT__BYTE	ConfBMCPagingSeverityMemory
0x1903	DT__BYTE	ConfBMCPagingSeverityHWEErrors
0x1904	DT__BYTE	ConfBMCPagingSeveritySysHang
0x1905	DT__BYTE	ConfBMCPagingSeverityPostErrors
0x1906	DT__BYTE	ConfBMCPagingSeveritySecurity
0x1907	DT__BYTE	ConfBMCPagingSeveritySysStatus
0x1908	DT__BYTE	ConfBMCPagingSeverityHDErrors
0x1909	DT__BYTE	ConfBMCPagingSeverityNetwork
0x190A	DT__BYTE	ConfBMCPagingSeverityRemote
0x190B	DT__BYTE	ConfBMCPagingSeverityPower
0x190C	DT__BYTE	ConfBMCPagingSeveritySpare
0x193F	DT__BYTE	ConfBMCPagingSeverityOthers
0x1940	unsigned char	ConfBmcCasVersion
0x1941	DT__BYTE	ConfBmcCasEnable
0x1942	STRING	ConfBmcCasServer
0x1943	unsigned short	ConfBmcCasPort
0x1944	STRING	ConfBmcCasLoginUri
0x1945	STRING	ConfBmcCasLogoutUri
0x1946	STRING	ConfBmcCasValidateUri
0x1947	DT__BYTE	ConfBmcCasUseHttps
0x1948	DT__BYTE	ConfBmcCasVerifyServerCert

Value ID	Data length	Command
0x1949	DT__BYTE	ConfBmcCasNetworkPrivilege
0x194A	DT__BYTE	ConfBmcCasPermissionConfigureBmc
0x194B	DT__BYTE	ConfBmcCasConfigureUsers
0x194C	DT__BYTE	ConfBmcCasAvrEnabled
0x194D	DT__BYTE	ConfBmcCasRemoteStorageEnabled
0x194E	DT__BYTE	ConfBmcCasAssignConfiguredPermissions
0x194F	DT__BYTE	ConfBmcCasAlwaysDisplayLogin
0x1950	unsigned char	ConfBMCNrRemoteStorageDevices
0x1951	unsigned char	ConfBMCNrRemoteStorageServers
0x1952	STRING	ConfBMCRemoteStorageServer
0x1953	unsigned char	ConfBMCMiscFeature
0x1955	unsigned char	ConfLinkDownTimeout
0x1957	DT__BYTE	ConfBMCBondingMode
0x1958	DT__BYTE	ConfBMCSHaredLanFailoverEnable
0x1959	unsigned short	ConfBMCSHaredLanFailoverTime
0x195A	STRING	ConfBMCDNSDomainSearchPath
0x195D	DT__BYTE	ConfBMCBondingEnabled
0x195E	DT__BYTE	ConfBMCCNetworkRmcpEnabled
0x195F	DT__BYTE	ConfBMCCNetworkSSLv3Enabled
0x19C0	DT__BYTE	ConfBMCCNetworkTLS10Enabled
0x19C1	DT__BYTE	ConfBMCCNetworkTLS11Enabled
0x19C2	DT__BYTE	ConfBMCCNetworkTLS12Enabled
0x19C3	DT__BYTE	ConfBmcSsdPEnable
0x1960	DT__BYTE	ConfBMCVLANEnable
0x1961	unsigned short	ConfBMCVLANId
0x1962	unsigned char	ConfBMCVLANPriority
0x1963	DT__BYTE	ConfBMCEnableLocalMonitorOff
0x1964	DT__BYTE	ConfBMCLocalMonitorOffControl
0x1965	DT__BYTE	ConfBMCIpNominalSpeed
0x1966	DT__BYTE	ConfBMCCManagementLANPort
0x1968	DT__BYTE	ConfBMCHPSIMIntegrationDisable
0x1969	STRING	ConfBMCTftpUpdateServer
0x196A	STRING	ConfBMCTftpUpdateFile
0x196B	DT__BYTE	ConfBMCTftpUpdateSelector
0x196D	STRING	ConfBIOSTftpUpdateFile
0x196E	DT__BYTE	ConfBMCLocalUSBEnableDisable
0x1971	DT__BYTE	ConfBMCLDAPEnable
0x1972	DT__BYTE	ConfBMCLDAPSSLEnable
0x1973	DT__BYTE	ConfBMCLDAPAlertEnable
0x1974	DT__BYTE	ConfBMCLDAPDirectoryType

Value ID	Data length	Command
0x1975	unsigned char	ConfBMCLDAPNrServers
0x1976	STRING	ConfBMCLDAPServerName
0x1977	STRING	ConfBMCLDAPDomainName
0x1978	STRING	ConfBMCLDAPDepartmentName
0x1979	STRING	ConfBMCLDAPGroupsUserName
0x197A		ConfBMCLDAPGroupsUserPasswd
0x197B	DT__BYTE	ConfBMCLDAPLocalLoginDisabled
0x197C	DT__BYTE	ConfBMCLDAPBrowserLoginDisabled
0x197D	STRING	ConfBmcLDAPBaseDN
0x197E	STRING	ConfBmcLDAPPrincipalUserDN
0x197F	DT__BYTE	ConfBmcLDAPAppendBaseDN
0x1980	BMC license key setting	ConfBMCLicenseKey
0x1990	DT__BYTE	ConfBmcLDAPPreferredMailServer
0x1991	unsigned char	ConfBmcLDAPAlertRefreshTime
0x1992	STRING	ConfLdapGroupDN
0x1993	STRING	ConfLdapUserBase
0x1994	STRING	ConfLdapUserFilter
0x1995	DT__BYTE	ConfBmcLDAPUseEnhancedMode
0x1996	unsigned short	ConfBmcLDAPNonSecurePort
0x1997	unsigned short	ConfBmcLDAPSecurePort
0x1998	DT__BYTE	ConfBmcLDAPLogPasswdWarnEnabled
0x19C8	DT__BYTE	ConfBmcFwBootSelector
0x19D0	STRING	ConfViomManagedString
0x1A00	DT__BYTE	ConfPowerControlMode
0x1A01	DT__BYTE	ConfPowerMonitoringEnable
0x1A02	DT__WORD	ConfPowerControlScheduleTime1
0x1A03	DT__WORD	ConfPowerControlScheduleTime2
0x1A04	DT__BYTE	ConfPowerControlScheduleMode1
0x1A05	DT__BYTE	ConfPowerControlScheduleMode2
0x1A06	unsigned short	ConfPowerLimitModeMaxUsage
0x1A07	DT__BYTE	ConfEPAModeEnable
0x1A08	DT__BYTE	ConfDynPowerLimitEnable
0x1A09	unsigned short	ConfPowerLimitModeThreshold
0x1A0A	unsigned short	ConfPowerLimitModePeriod
0x1A0B	DT__BYTE	ConfPowerLimitModeAction
0x1A0C	DT__BYTE	ConfPSURedundancyMode
0x1A0D	DT__DWORD	ConfPSUNumberRequired
0x1A0E	DT__BYTE	ConfLowNoiseModeEnabled
0x1A10	DT__BYTE	ConfZeroPowerMode
0x1A11	DT__WORD	ConfZeroPowerScheduleStart

Value ID	Data length	Command
0x1A12	DT__WORD	ConfZeroPowerScheduleEnd
0x1A20	DT__BYTE	ConfBmclpv6Supported
0x1A21	DT__BYTE	ConfBmclpv4Enabled
0x1A22	DT__BYTE	ConfBmclpv6Enabled
0x1A23	unsigned char	ConfBmclpv6NumberOfAddresses
0x1A24	DT__BYTE	ConfBmclpv6AddressType
0x1A25	16-byte IPv6 Address	ConfBmclpv6Address
0x1A26	DT__BYTE	ConfBmclpv6AddressSrc
0x1A27	unsigned char	ConfBmclpv6AddressPrefixLength
0x1A28	DT__BYTE	ConfBmclpv6AddressIntIdentSrc
0x1A29	DT__BYTE	ConfBmclpv6GatewayAddressSrc
0x1A2A	16-byte IPv6 Address	ConfBmclpv6GatewayAddress
0x1A2B	unsigned char	ConfBmclpv6NumberOfRouters
0x1A2C	16-byte IPv6 Address	ConfBmclpv6RouterAddress
0x1A2D	STRING	ConfBmclpv6RouterAddressAsString
0x1A2E	STRING	ConfBmclpv6GatewayAddressAsString
0x1A2F	STRING	ConfBmclpv6AddressAsString
0x1A35	16-byte IPv6 Address	ConfBmclpv6StaticAddress
0x1A36	DT__BYTE	ConfBmclpv6StaticAddrSrc
0x1A37	unsigned char	ConfBmclpv6StaticAddrPrefixLen
0x1A38	DT__BYTE	ConfBmclpv6StaticAddrIntIdentSrc
0x1A39	DT__BYTE	ConfBmclpv6StaticGatewayAddrSrc
0x1A3A	16-byte IPv6 Address	ConfBmclpv6StaticGatewayAddr
0x1A3D	DT__BYTE	ConfUpdAutomaticSystemRestartEnabled
0x1A3E	STRING	ConfUpdRepositoryDvdPath
0x1A3F	STRING	ConfUpdRepositoryNetworkPath
0x1A40	STRING	ConfUpdRepositoryWebDownloadPath
0x1A41	DT__BYTE	ConfUpdRepositoryAccessMode
0x1A42	STRING	ConfUpdRepositoryUserId
0x1A43		ConfUpdRepositoryPasswd
0x1A44	DT__BYTE	ConfUpdUpdateCheckMode
0x1A45	DT__BYTE	ConfUpdWebDownloadEnable
0x1A46	DT__BYTE	ConfUpdAutomaticInstall
0x1A47	STRING	ConfUpdDownloadServerAddress
0x1A48	STRING	ConfUpdDownloadRepositoryPath
0x1A49	DT__BYTE	ConfUpdDeleteBinaryAfterUpdate
0x1A4A		ConfUpdScheduleDate

Value ID	Data length	Command
0x1A4B	unsigned int	ConfUpdScheduleFrequency
0x1A4C	DT__BYTE	ConfUpdDownloadProtocol
0x1A4D	DT__BYTE	ConfUpdAlertNewUpdates
0x1A4E	DT__BYTE	ConfUpdAlertJobFinished
0x1A4F	STRING	ConfUpdElcmRepositoryImageVolumeLabel
0x1A50	STRING	ConfBmcRemoteFdImageServer
0x1A51	STRING	ConfBmcRemoteFdImageUserName
0x1A52		ConfBmcRemoteFdImagePassword
0x1A53	STRING	ConfBmcRemoteFdImageUserDomain
0x1A54	DT__BYTE	ConfBmcRemoteFdImageShareType
0x1A55	STRING	ConfBmcRemoteFdImageShareName
0x1A56	STRING	ConfBmcRemoteFdImageImageName
0x1A57	DT__BYTE	ConfBmcMediaOptionsFdAttachMode
0x1A58	unsigned char	ConfBmcMediaOptionsFdNumber
0x1A60	STRING	ConfBmcRemoteCdImageServer
0x1A61	STRING	ConfBmcRemoteCdImageUserName
0x1A62		ConfBmcRemoteCdImagePassword
0x1A63	STRING	ConfBmcRemoteCdImageUserDomain
0x1A64	DT__BYTE	ConfBmcRemoteCdImageShareType
0x1A65	STRING	ConfBmcRemoteCdImageShareName
0x1A66	STRING	ConfBmcRemoteCdImageImageName
0x1A68	unsigned char	ConfBmcMediaOptionsCdNumber
0x1A70	STRING	ConfBmcRemoteHdImageServer
0x1A71	STRING	ConfBmcRemoteHdImageUserName
0x1A72		ConfBmcRemoteHdImagePassword
0x1A73	STRING	ConfBmcRemoteHdImageUserDomain
0x1A74	DT__BYTE	ConfBmcRemoteHdImageShareType
0x1A75	STRING	ConfBmcRemoteHdImageShareName
0x1A76	STRING	ConfBmcRemoteHdImageImageName
0x1A78	unsigned char	ConfBmcMediaOptionsHdNumber
0x1A80	DT__BYTE	ConfBmcMediaOptionsRemoteMediaEnabled
0x1A82	DT__BYTE	ConfBmcMediaOptionsBootOnce
0x1A83	DT__BYTE	ConfBmcMediaOptionsSdMediaEnabled
0x1A84	DT__BYTE	ConfBmcMediaOptionsUsbAttachMode
0x1A90	DT__BYTE	ConfHttpProxyServerUsage
0x1A91	STRING	ConfHttpProxyServerAddress
0x1A92	unsigned int	ConfHttpProxyServerPort
0x1A93	STRING	ConfHttpProxyServerUserId
0x1A94		ConfHttpProxyServerPasswd
0x1A95	DT__BYTE	ConfHttpProxyNotLocal

Value ID	Data length	Command
0x1A96	STRING	ConfHttpProxyExceptions
0x1AA0	DT__BYTE	ConfEnableIrmcRaidFeature
0x1AA1	DT__BYTE	ConfEnableIrmcOobRaidEvents
0x1AC0	DT__BYTE	ConfLDAPAuthorizationType
0x1AC1	unsigned char	ConfLDAPMaxNrUserGroups
0x1AC2	STRING	ConfLDAPAuthorizationUserGroupName
0x1AC3	DT__BYTE	ConfLDAPPreferredShellByUserGroup
0x1AC4	DT__BYTE	ConfLDAPNetworkPrivilegeByUserGroup
0x1AC5	DT__BYTE	ConfLDAPSerialPrivilegeByUserGroup
0x1AC6	DT__BYTE	ConfLDAPConfigureBmcPermissionByUserGroup
0x1AC7	DT__BYTE	ConfLDAPConfigureUsersPermissionByUserGroup
0x1AC8	DT__BYTE	ConfLDAPAvrEnabledByUserGroup
0x1AC9	DT__BYTE	ConfLDAPRemoteStorageEnabledByUserGroup
0x1ACA	DT__BYTE	ConfLDAPEnableEmailPagingByUserGroup
0x1ACB	DT__BYTE	ConfLDAPMailFormatByUserGroup
0x1ACC	DT__BYTE	ConfLDAPPreferredMailServerByUserGroup
0x1ACD	STRING	ConfLDAPGroupScheme
0x1ACE	STRING	ConfLDAPMemberScheme
0x1AD0	DT__BYTE	ConfLDAPPagingSevTemperatureByUserGroup
0x1AD1	DT__BYTE	ConfLDAPPagingSevFansByUserGroup
0x1AD2	DT__BYTE	ConfLDAPPagingSevMemoryByUserGroup
0x1AD3	DT__BYTE	ConfLDAPPagingSevHWErrorsByUserGroup
0x1AD4	DT__BYTE	ConfLDAPPagingSevSystemHangByUserGroup
0x1AD5	DT__BYTE	ConfLDAPPagingSevPostErrorsByUserGroup
0x1AD6	DT__BYTE	ConfLDAPPagingSevSecurityByUserGroup
0x1AD7	DT__BYTE	ConfLDAPPagingSevSystemStatusByUserGroup
0x1AD8	DT__BYTE	ConfLDAPPagingSevOthersByUserGroup
0x1AD9	DT__BYTE	ConfLDAPPagingSevHDErrorsByUserGroup
0x1ADA	DT__BYTE	ConfLDAPPagingSevNetworkByUserGroup
0x1ADB	DT__BYTE	ConfLDAPPagingSevRemManagementByUserGroup
0x1ADC	DT__BYTE	ConfLDAPPagingSevSystemPowerByUserGroup
0x1B00	DT__BYTE	ConfSBDynPartitioningEnable
0x1B01	DT__BYTE	ConfAllPClioMode
0x1B30	STRING	ConfBmcProxyAddress
0x1B31	unsigned short	ConfBmcProxyPort
0x1B32	STRING	ConfBmcProxyPassword
0x1B33	STRING	ConfBmcProxyUserName
0x1B38	DT__BYTE	ConfAisConnectEnabled
0x1B39	DT__BYTE	ConfAisConnectServiceMode
0x1B3A	DT__BYTE	ConfAisConnectUseProxy

Value ID	Data length	Command
0x1B3B	DT__BYTE	ConfAisConnectAllowRemoteSession
0x1B3C	unsigned char	ConfAisConnectCountryId
0x1B3E	DT__BYTE	ConfAisConnectInitialReportSent
0x1B3F	STRING	ConfAisConnectContactDescription
0x1B40	STRING	ConfAisConnectLocation
0x1B41	STRING	ConfAisConnectLocationCity
0x1B42	STRING	ConfAisConnectLocationState
0x1B43	STRING	ConfAisConnectLocationZipCode
0x1B44	STRING	ConfAisConnectLocationCountry
0x1B45	STRING	ConfAisConnectContactEmail
0x1B46	STRING	ConfAisConnectContactType
0x1B47	STRING	ConfAisConnectContactTitle
0x1B48	STRING	ConfAisConnectContactFirstName
0x1B49	STRING	ConfAisConnectContactLastName
0x1B4A	STRING	ConfAisConnectContactPhoneNumber
0x1B4B	STRING	ConfAisConnectContactMobileNumber
0x1B4C	DT__BYTE	ConfAisConnectEnableContact
0x1B4D	DT__BYTE	ConfAisConnectAllowPrimeCollect
0x1B4E	STRING	ConfAisConnectLocationStreet
0x1B4F	STRING	ConfAisConnectCompanyName
0x1B50	DT__BYTE	ConfSystemGUIDByteOrderLsbFirst
0x1B60	DT__BYTE	ConfSyslogGlobalEnable
0x1B61	DT__BYTE	ConfSyslogIENABLE
0x1B62	DT__BYTE	ConfSyslogSELEnable
0x1B64	unsigned char	ConfNumberSyslogServers
0x1B65	STRING	ConfSyslogServerAsString
0x1B66	unsigned short	ConfSyslogServerPort
0x1B67	DT__BYTE	ConfSyslogServerProtocol
0x1B68	DT__BYTE	ConfSyslogFilterScope
0x1B69	DT__BYTE	ConfSyslogFilterSeverity
0x1B6A	DT__BYTE	ConfSyslogFilterPagingSeverityTemperature
0x1B6B	DT__BYTE	ConfSyslogFilterPagingSeverityFans
0x1B6C	DT__BYTE	ConfSyslogFilterPagingSeverityMemory
0x1B6D	DT__BYTE	ConfSyslogFilterPagingSeverityHWErrors
0x1B6E	DT__BYTE	ConfSyslogFilterPagingSeveritySysHang
0x1B6F	DT__BYTE	ConfSyslogFilterPagingSeverityPOSTErrors
0x1B70	DT__BYTE	ConfSyslogFilterPagingSeveritySecurity
0x1B71	DT__BYTE	ConfSyslogFilterPagingSeveritySysStatus
0x1B72	DT__BYTE	ConfSyslogFilterPagingSeverityHDErrors
0x1B73	DT__BYTE	ConfSyslogFilterPagingSeverityNetwork

Value ID	Data length	Command
0x1B74	DT__BYTE	ConfSyslogFilterPagingSeverityRemote
0x1B75	DT__BYTE	ConfSyslogFilterPagingSeverityPower
0x1B76	DT__BYTE	ConfSyslogFilterPagingSeveritySpare
0x1B77	DT__BYTE	ConfSyslogFilterPagingSeverityOthers
0x1B78	DT__BYTE	ConfSyslogSeverityType
0x1B80	DT__BYTE	ConfSvcPlatformMode
0x1B90	DT__BYTE	ConfLcmUpdateUseProxy
0x1B91	STRING	ConfLcmUpdateRepositoryAddress
0x1B92	DT__BYTE	ConfLcmUpdateIncludeBiosAndFW
0x1B93	DT__BYTE	ConfLcmOfflineUpdateImageBootMode
0x1B94	DT__BYTE	ConfLcmSkipHclVerification
0x1B95	DT__BYTE	ConfLcmDeploymentUseProxy
0x1B96	STRING	ConfLcmDeploymentRepositoryAddress
0x1B97	DT__BYTE	ConfLcmDeploymentImageBootMode
0x1B99	DT__BYTE	ConfLcmCustomImageUseProxy
0x1B9A	DT__BYTE	ConfLcmCustomImageBootModeImmediate
0x1B9B	DT__BYTE	ConfLcmCustomImageBootModeTable
0x1B9C	DT__BYTE	ConfLcmUpdateSkipCertificateVerification
0x1B9D	DT__BYTE	ConfLcmDeploymentSkipCertificateVerification
0x1B9E	DT__BYTE	ConfLcmEVBITShowDialogue
0x1BA0	unsigned short	ConfWebIfAutoRefreshTime
0x1BA1	unsigned short	ConfWebIfSessionTimeout
0x1BA2	DT__BYTE	ConfWebIfAutoRefreshEnabled
0x1BA3	DT__BYTE	ConfWebIfPowerHistoryImageType
0x1BA4	DT__BYTE	ConfWebIfDefaultGuiLanguage
0x1BA5	DT__BYTE	ConfWebIfDefaultGuiColorSchema
0x1BA6	DT__BYTE	ConfWebIfShowAvrWebStartOnMenu
0x1BA7	DT__BYTE	ConfWebIfShowLogoutOnMenu
0x1BA8	DT__BYTE	ConfWebIfAutoSubmitEnabled
0x1BAA	DT__BYTE	ConfCpuMonitoringEnabled
0x1BAB	DT__BYTE	ConfWebIfCpuHistoryImageType
0x1C10	DT__BYTE	ConfBiosSetupAbove4GDecodingEnabled
0x1C11	DT__BYTE	ConfBiosSetupPciAspmSupport
0x1C12	DT__BYTE	ConfBiosSetupPciDmiLinkSpeed
0x1C13	DT__BYTE	ConfBiosSetupPciMemoryHoleSize
0x1C14	DT__BYTE	ConfBiosSetupPciSingleRootIoVirt
0x1C20	DT__BYTE	ConfBiosSetupTpmEnabled
0x1C21	DT__BYTE	ConfBiosSetupTpmStateEnabled
0x1C22	DT__BYTE	ConfBiosSetupTpmPendingOperation
0x1C23	DT__BYTE	ConfBiosSetupTpmHashPolicy

Value ID	Data length	Command
0x1C28	DT__BYTE	ConfBiosSetupSerialPort1Enabled
0x1C29	DT__BYTE	ConfBiosSetupSerialPort2Enabled
0x1C2A	DT__BYTE	ConfBiosSetupSerialPortConfig
0x1C30	DT__BYTE	ConfBiosSetupPciSlot1Status
0x1C31	DT__BYTE	ConfBiosSetupPciSlot2Status
0x1C32	DT__BYTE	ConfBiosSetupPciSlot3Status
0x1C33	DT__BYTE	ConfBiosSetupPciSlot4Status
0x1C34	DT__BYTE	ConfBiosSetupPciSlot5Status
0x1C35	DT__BYTE	ConfBiosSetupPciSlot6Status
0x1C36	DT__BYTE	ConfBiosSetupPciSlot7Status
0x1C37	DT__BYTE	ConfBiosSetupPciSlot8Status
0x1C38	DT__BYTE	ConfBiosSetupPciSlot9Status
0x1C39	DT__BYTE	ConfBiosSetupPciSlot10Status
0x1C3A	DT__BYTE	ConfBiosSetupPciSlot11Status
0x1C3B	DT__BYTE	ConfBiosSetupPciSlot12Status
0x1C3C	DT__BYTE	ConfBiosSetupPciSlot13Status
0x1C3D	DT__BYTE	ConfBiosSetupPciSlot14Status
0x1C3E	DT__BYTE	ConfBiosSetupPciSlot15Status
0x1C3F	DT__BYTE	ConfBiosSetupPciSlot16Status
0x1C40	DT__BYTE	ConfBiosSetupCpuHyperThreadingEnabled
0x1C41	unsigned int	ConfBiosSetupCpuActiveCores
0x1C42	DT__BYTE	ConfBiosSetupCpuLimitCpuIdMaximum
0x1C43	DT__BYTE	ConfBiosSetupCpuExecuteDisableBitEnabled
0x1C44	DT__BYTE	ConfBiosSetupCpuHardwarePrefetcherEnabled
0x1C45	DT__BYTE	ConfBiosSetupCpuAdjacentLinePrefetchEnabled
0x1C46	DT__BYTE	ConfBiosSetupCpuDcuStreamerPrefetcherEnabled
0x1C47	DT__BYTE	ConfBiosSetupCpuDcuLpPrefetcherEnabled
0x1C48	DT__BYTE	ConfBiosSetupCpuIntelVTEEnabled
0x1C49	DT__BYTE	ConfBiosSetupCpuVTdEnabled
0x1C4A	DT__BYTE	ConfBiosSetupCpuQpiLinkSpeed
0x1C4B	DT__BYTE	ConfBiosSetupCpuFreqFloorOverwriteEnabled
0x1C4C	DT__BYTE	ConfBiosSetupCpuCStatesEnabled
0x1C4D	DT__BYTE	ConfCpuAutonomousCStateSupportEnabled
0x1C50	DT__BYTE	ConfBiosSetupCpuPowerManagementMode
0x1C51	DT__BYTE	ConfBiosSetupCpuEnhancedSpeedStepEnabled
0x1C52	DT__BYTE	ConfBiosSetupCpuTurboModeEnabled
0x1C53	DT__BYTE	ConfBiosSetupCpuEnergyPerformanceMode
0x1C54	DT__BYTE	ConfBiosSetupCpuPStateCoordinationMode
0x1C55	DT__BYTE	ConfBiosSetupCpuC3ReportEnabled
0x1C56	DT__BYTE	ConfBiosSetupCpuC6ReportEnabled

Value ID	Data length	Command
0x1C57	DT__BYTE	ConfBiosSetupCpuC7ReportEnabled
0x1C58	DT__BYTE	ConfBiosSetupCpuCStateLimit
0x1C59	DT__BYTE	ConfBiosSetupStatusCpu1
0x1C5A	DT__BYTE	ConfBiosSetupStatusCpu2
0x1C5B	DT__BYTE	ConfBiosSetupStatusCpu3
0x1C5C	DT__BYTE	ConfBiosSetupStatusCpu4
0x1C60	DT__BYTE	ConfBiosSetupCpuOverrideEnergyPerf
0x1C61	DT__BYTE	ConfBiosSetupCpuUtilizationProfile
0x1C62	DT__BYTE	ConfBiosSetupCpuEarlySnoop
0x1C63	DT__BYTE	ConfBiosSetupCpuC1ESupport
0x1C64	DT__BYTE	ConfBiosSetupCpuQpiLink1
0x1C65	DT__BYTE	ConfBiosSetupCpuUncoreFreqOverride
0x1C67	DT__BYTE	ConfCpuHardwarePowerManagementSupport
0x1C68	DT__BYTE	ConfCpuLlcDeadLineAllocEnabled
0x1C69	DT__BYTE	ConfCpuStaleAtosEnabled
0x1C70	DT__BYTE	ConfBiosSetupMemModuleConfig
0x1C71	DT__BYTE	ConfBiosSetupMemNumaEnabled
0x1C72	DT__BYTE	ConfBiosSetupMemDdrPerformanceMode
0x1C74	DT__BYTE	ConfBiosSetupMemImcInterleaving
0x1C75	DT__BYTE	ConfBiosSetupMemSubNumaClustering
0x1C80	DT__BYTE	ConfBiosSetupUsbPortControl
0x1C81	DT__BYTE	ConfBiosSetupSataMode
0x1C82	DT__BYTE	ConfBiosSetupViomFlagEnabled
0x1C83	DT__BYTE	ConfBiosSetupSataControllerEnabled
0x1C84	DT__BYTE	ConfBiosSetupUsbOnboardControllers
0x1C85	DT__BYTE	ConfBiosSetupUsbLegacySupport
0x1C86	DT__BYTE	ConfBiosSetupUsbXhciMode
0x1C87	DT__BYTE	ConfBiosSetupSSataMode
0x1C88	DT__BYTE	ConfBiosSetupSSataControllerEnabled
0x1C90	DT__BYTE	ConfBiosSetupPxeBootOptionRetry
0x1C92	DT__BYTE	ConfBiosSetupBootNumlockState
0x1C93	DT__BYTE	ConfBiosSetupQuietBootEnabled
0x1C94	DT__BYTE	ConfBiosSetupCheckCtrlrHealthStatus
0x1C95	DT__BYTE	ConfBiosSetupKeepVoidBootOptions
0x1C96	DT__BYTE	ConfBiosSetupBootRemovableMedia
0x1C97	DT__BYTE	ConfBiosSetupNewBootOptionPolicy
0x1CA0	DT__BYTE	ConfBiosSetupOnboardLanEnabled
0x1CA1	DT__BYTE	ConfBiosSetupOnboardLan2Enabled
0x1CA2	DT__BYTE	ConfBiosSetupOpRomLan1Mode
0x1CA3	DT__BYTE	ConfBiosSetupOpRomLan2Mode

Value ID	Data length	Command
0x1CA4	DT__BYTE	ConfBiosSetupStorageCtrlEnabled
0x1CA5	DT__BYTE	ConfBiosSetupStorageCtrlOptionRomEnabled
0x1CA6	DT__BYTE	ConfBiosSetupStorageCtrlDriver
0x1CA8	DT__BYTE	ConfBiosSetupCnaEnabled
0x1CA9	DT__BYTE	ConfBiosSetupCnaOptionRomEnabled
0x1CAA	DT__BYTE	ConfBiosSetupCnaStandbyEnabled
0x1CB1	DT__BYTE	ConfBiosSetupWakeupOnLanBoot
0x1CB2	DT__BYTE	ConfBiosSetupPowerOnSource
0x1CC0	DT__BYTE	ConfPermanentBiosConfigStorageEnabled
0x1CC1	DT__BYTE	ConfBiosSetupEraseEventLog
0x1CD0		ConfBiosSetupAdminPassword
0x1CD1		ConfBiosSetupUserPassword
0x1CD2	DT__BYTE	ConfBiosSetupSkipPasswordWakeOnLan
0x1CD3	DT__BYTE	ConfBiosSetupFlashWriteEnabled
0x1CD4	DT__BYTE	ConfBiosSetupSecureBootEnabled
0x1CD5	DT__BYTE	ConfBiosSetupUserPasswordOnBoot
0x1CD6	DT__BYTE	ConfBiosSetupFactoryDefaultKeyProvision
0x1CD7	DT__BYTE	ConfBiosSetupSecureBootMode
0x1CD8	DT__BYTE	ConfBiosSetupTrustedExecutionTechnology
0x1CD9	DT__BYTE	ConfSystemFirmwareRollbackEnabled
0x1CE0	DT__BYTE	ConfBiosSetupOptionRomSlot1Enabled
0x1CE1	DT__BYTE	ConfBiosSetupOptionRomSlot2Enabled
0x1CE2	DT__BYTE	ConfBiosSetupOptionRomSlot3Enabled
0x1CE3	DT__BYTE	ConfBiosSetupOptionRomSlot4Enabled
0x1CE4	DT__BYTE	ConfBiosSetupOptionRomSlot5Enabled
0x1CE5	DT__BYTE	ConfBiosSetupOptionRomSlot6Enabled
0x1CE6	DT__BYTE	ConfBiosSetupOptionRomSlot7Enabled
0x1CE7	DT__BYTE	ConfBiosSetupOptionRomSlot8Enabled
0x1CE8	DT__BYTE	ConfBiosSetupOptionRomSlot9Enabled
0x1CE9	DT__BYTE	ConfBiosSetupOptionRomSlot10Enabled
0x1CEA	DT__BYTE	ConfBiosSetupOptionRomSlot11Enabled
0x1CEB	DT__BYTE	ConfBiosSetupOptionRomSlot12Enabled
0x1CEC	DT__BYTE	ConfBiosSetupOptionRomSlot13Enabled
0x1CED	DT__BYTE	ConfBiosSetupOptionRomSlot14Enabled
0x1CEE	DT__BYTE	ConfBiosSetupOptionRomSlot15Enabled
0x1CEF	DT__BYTE	ConfBiosSetupOptionRomSlot16Enabled
0x1CF0	DT__BYTE	ConfBiosSetupNetworkStackEnabled
0x1CF1	DT__BYTE	ConfBiosSetupIpV4PxeEnabled
0x1CF2	DT__BYTE	ConfBiosSetupIpV6PxeEnabled
0x1CF3	DT__BYTE	ConfIpV4HttpSupportEnabled

Value ID	Data length	Command
0x1CF4	DT__BYTE	ConfIplV6HttpSupportEnabled
0x1D00	DT__BYTE	ConfBiosSetupLaunchCsmEnabled
0x1D01	DT__BYTE	ConfBiosSetupBootOptionFilter
0x1D02	DT__BYTE	ConfBiosSetupPxeOpRomPolicy
0x1D03	DT__BYTE	ConfBiosSetupStorageOpRomPolicy
0x1D04	DT__BYTE	ConfBiosSetupOtherPciRomPriority
0x1D05	DT__BYTE	ConfBiosSetupVideoOpRomPolicy
0x1D10	DT__BYTE	ConfCpu1RootPort1Bifurcation
0x1D11	DT__BYTE	ConfCpu1RootPort2Bifurcation
0x1D12	DT__BYTE	ConfCpu1RootPort3Bifurcation
0x1D13	DT__BYTE	ConfCpu2RootPort1Bifurcation
0x1D14	DT__BYTE	ConfCpu2RootPort2Bifurcation
0x1D15	DT__BYTE	ConfCpu2RootPort3Bifurcation
0x1D16	DT__BYTE	ConfCpu3RootPort1Bifurcation
0x1D17	DT__BYTE	ConfCpu3RootPort2Bifurcation
0x1D18	DT__BYTE	ConfCpu3RootPort3Bifurcation
0x1D19	DT__BYTE	ConfCpu4RootPort1Bifurcation
0x1D1A	DT__BYTE	ConfCpu4RootPort2Bifurcation
0x1D1B	DT__BYTE	ConfCpu4RootPort3Bifurcation
0x1D20	DT__BYTE	ConfBiosSetupVmdCpu1RootPort1
0x1D21	DT__BYTE	ConfBiosSetupVmdCpu1RootPort2
0x1D22	DT__BYTE	ConfBiosSetupVmdCpu1RootPort3
0x1D23	DT__BYTE	ConfBiosSetupVmdCpu2RootPort1
0x1D24	DT__BYTE	ConfBiosSetupVmdCpu2RootPort2
0x1D25	DT__BYTE	ConfBiosSetupVmdCpu2RootPort3
0x1D80	DT__BYTE	ConfBMCAcctUserRedfishEnabled
0x1D81	DT__BYTE	ConfBMCAcctUserRedfishRoleId
0x1D82	DT__BYTE	ConfBMCRedfishUserLockStatus
0x1D83	unsigned char	ConfBMCRedfishAuthFailureThreshold
0x1D84	unsigned char	ConfBMCRedfishAccLockThreshold
0x1D85	unsigned short	ConfBMCRedfishAccLockDuration
0x1D86	unsigned short	ConfBMCRedfishAccLockResetAfter
0x1D87	DT__BYTE	ConfBMCRedfishExternallyAccessible
0x1D88	unsigned int	ConfBMCRedfishMaxSessTimeout
0x1D8B	DT__BYTE	ConfLDAPRedfishRoleByUserGroup
0x1D8C	DT__BYTE	ConfBMCRedfishEnabled
0x1DA0	DT__BYTE	ConfApachePassConfigurationMode
0x1DA1	DT__BYTE	ConfApachePassEraseAllNvdimms
0x1DA2	unsigned short	ConfApachePassNvdimmAvergePowerBudget
0x1F00	DT__BYTE	ConfDiagEnableBmcLedTest

Value ID	Data length	Command
0x1F01	DT__BYTE	ConfDiagEnableBmcCoreDumpFeature
0x3800	ServerView SN- MP Agents Trap Forwarding	ConfTrapToEventlog
0x3801	ServerView SN- MP Agents Trap Forwarding	ConfTrapToAdminAlert
0x3810	DT__BYTE	ConfMibSetEnabled
0x3811	DT__BYTE	ConfMibShutdownEnabled
0x3812	DT__BYTE	ConfMibAccountCheck
0x3813	STRING	ConfMibAccountUserGroup
0x3820	DT__BYTE	ConfVmeThresholdMonitoringEnable
0x3821	DT__BYTE	ConfDriverMonitoringEnable