



**Redfish**

Document Identifier: DSP2053

Date: 2019-5-03

Version: 2019.1

# Redfish Property Guide

**Document Class: Informative**

**Document Status: Published**

**Document Language: en-US**

Copyright Notice

Copyright © 2019 DMTF. All rights reserved.

DMTF is a not-for-profit association of industry members dedicated to promoting enterprise and systems management and interoperability. Members and non-members may reproduce DMTF specifications and documents, provided that correct attribution is given. As DMTF specifications may be revised from time to time, the particular version and release date should always be noted.

Implementation of certain elements of this standard or proposed standard may be subject to third party patent rights, including provisional patent rights (herein "patent rights"). DMTF makes no representations to users of the standard as to the existence of such rights, and is not responsible to recognize, disclose, or identify any or all such third party patent right, owners or claimants, nor for any incomplete or inaccurate identification or disclosure of such rights, owners or claimants. DMTF shall have no liability to any party, in any manner or circumstance, under any legal theory whatsoever, for failure to recognize, disclose, or identify any such third party patent rights, or for such party's reliance on the standard or incorporation thereof in its product, protocols or testing procedures. DMTF shall have no liability to any party implementing such standard, whether such implementation is foreseeable or not, nor to any patent owner or claimant, and shall have no liability or responsibility for costs or losses incurred if a standard is withdrawn or modified after publication, and shall be indemnified and held harmless by any party implementing the standard from any and all claims of infringement by a patent owner for such implementations.

For information about patents held by third-parties which have notified the DMTF that, in their opinion, such patent may relate to or impact implementations of DMTF standards, visit <http://www.dmtf.org/about/policies/disclosures.php>.

This document's normative language is English. Translation into other languages is permitted.

# Overview

The Redfish standard comprises a set of specifications maintained by the Redfish Forum, a working group within the DMTF. The standard defines a protocol that uses RESTful interfaces to provide access to data and operations associated with the management of systems and networks. One of the strengths of the Redfish protocol is that it works with a wide range of servers: from stand-alone servers to rack-mount and bladed environments to large-scale data centers and cloud environments.

The Redfish standard addresses several key issues for infrastructures that require scalability. Large infrastructures often consist of many simple servers of different makes and types. This hyper-scale usage model requires a new approach to systems management. The Redfish Scalable Platforms Management ("Redfish") protocol addresses these needs by providing a standard protocol based on out-of-band systems management.

With the above goals in mind, the Redfish protocol was designed as an open industry standard to meet scalability requirements in multi-vendor deployments. It easily integrates with commonly used tools, using RESTful interfaces to perform operations and using JSON and OData formats for data payloads.

## Who should read this document?

This document is intended primarily as a reference for schema authors to locate existing property definitions within the Redfish Schema. End users and other consumers of Redfish data may also use this guide to look up property definitions without regard to their location in the schema.

## Where can I find more information?

The following web sites provide more information about the Redfish standard:

- **Redfish Developer Hub:** <http://redfish.dmtf.org> Resources for developers building applications using Redfish. Contains an interactive schema explorer, hosted schema and other links.
- **Redfish User Forum:** <http://www.redfishforum.com> User forum monitored by DMTF Redfish personnel to answer questions about any Redfish-related topics:
- **DMTF Github Repositories:** <http://www.github.com/DMTF> Open source tools and libraries for working with the Redfish API.
- **Redfish Standards:** <http://www.dmtf.org/standards/redfish> Schemas, specs, mockups, white papers, FAQ, educational material and more.
- **DMTF Redfish Forum** (Working group that maintains the Redfish standard): <http://www.dmtf.org/standards/spmf> Companies involved, upcoming schedules and future work, charter, and information about joining.

## Using this guide

Every Redfish API response consists of a JSON payload containing properties that are strictly defined by a schema for that resource. The schema defining a particular resource can be determined from the value of the "@odata.type" property returned in every Redfish response. This guide details the definitions for every Redfish standard property defined in the DMTF-published Redfish schemas.

The property-level details include:

Column	Purpose
Property Name	The name of the JSON property as it will appear (case sensitive) in the JSON payload.
Defined in Schema(s)	The name(s) of the Redfish schema(s) where this property is defined, and therefore which resources it may appear in. For properties that appear within embedded JSON objects, the object name will be shown in parenthesis.
Type	The JSON data type(s) for the property. This can include boolean, number, string or object. String types that use defined enumerations will state "(enum)". Number types will state their units where used.
Description	The description of the property, as copied directly from the schema 'Description' definition, or, for properties that appear in multiple schemas, a general description of its usage in any of the listed schemas.

# Reference Guide

This guide was produced using the contents of the schema files from DMTF Redfish Schema bundle DSP8010 and merged with supplemental text using the DMTF's [Redfish Documentation Generator](#).

Property Name	Defined In Schema(s)	Type	Description
<b>AccelerationFunction</b>	Processor (FPGA > ReconfigurationSlots)	object	A link to the Acceleration Function provided by the code programmed into a reconfiguration slot.
<b>AccelerationFunctionType</b>	AccelerationFunction	string (enum)	The type of acceleration function.
<b>AccelerationFunctions</b>	Processor	object	A reference to the collection of Acceleration Functions associated with this Processor.
<b>AccountLockoutCounterResetAfter</b>	AccountService	integer	The interval of time in seconds between the last failed login attempt and reset of the lockout threshold counter. This value must be less than or equal to AccountLockoutDuration. Reset sets the counter to zero.
<b>AccountLockoutCounterResetEnabled</b>	AccountService	boolean	The value indicates whether the threshold counter will be reset after AccountLockoutCounterResetAfter expires.
<b>AccountLockoutDuration</b>	AccountService	integer	The time in seconds an account is locked out. The value must be greater than or equal to the value of the AccountLockoutCounterResetAfter property. If set to 0, no lockout occurs.
<b>AccountLockoutThreshold</b>	AccountService	integer	The number of failed login attempts allowed before a user account is locked for a specified duration. A value of 0 means it is never locked.
<b>AccountProviderType</b>	AccountService (ActiveDirectory), AccountService (LDAP), ExternalAccountProvider	string (enum)	This property contains the type of external account provider this resource references.
<b>AccountService</b>	ServiceRoot	object	This is a link to the Account Service.
<b>Accounts</b>	AccountService	object	A link to a collection of Manager Accounts.
<b>Accuracy</b>	MetricDefinition, Sensor	number	Estimated percent error of measured vs. actual values.
<b>Actions</b>	<i>various</i> (AccelerationFunction, AccountService ... )	object	The available actions for this resource.

<b>Activation</b>	Sensor (Thresholds > LowerCaution), Sensor (Thresholds > LowerCritical), Sensor (Thresholds > LowerFatal), Sensor (Thresholds > UpperCaution), Sensor (Thresholds > UpperCritical), Sensor (Thresholds > UpperFatal), Triggers (NumericThresholds > LowerCritical), Triggers (NumericThresholds > LowerWarning), Triggers (NumericThresholds > UpperCritical), Triggers (NumericThresholds > UpperWarning)	string (enum)	The direction of crossing that activates this threshold.
<b>ActiveDirectory</b>	AccountService	object	The first ActiveDirectory external account provider this AccountService supports.
<b>ActiveLinkTechnology</b>	NetworkPort	string (enum)	Network Port Active Link Technology.
<b>AddResourceBlock (Action)</b>	ComputerSystem (Actions)	object	This action is used to add a Resource Block to a system.
<b>AdditionalExternalAccountProviders</b>	AccountService	object	The additional external account providers this AccountService is using.
<b>AddressParityError</b>	MemoryMetrics (HealthData > AlarmTrips)	boolean	Address parity error detected status.
<b>AddressRangeType</b>	MemoryChunks	string (enum)	Memory type of this memory chunk.
<b>AdjustedMaxAllowableOperatingValue</b>	Thermal (Temperatures)	integer	Adjusted maximum allowable operating temperature for this equipment based on the current environmental conditions present.
	Sensor	number	Adjusted maximum allowable operating value for this equipment based on the current environmental conditions present.
<b>AdjustedMinAllowableOperatingValue</b>	Thermal (Temperatures)	integer	Adjusted minimum allowable operating temperature for this equipment based on the current environmental conditions present.
	Sensor	number	Adjusted minimum allowable operating value for this equipment based on the current environmental conditions present.
<b>AlarmTrips</b>	MemoryMetrics (HealthData)	object	Alarm trip information about the memory.

<b>Alias</b>	BootOption	string (enum)	The alias of this Boot Source.
<b>AliasBootOrder</b>	ComputerSystem (Boot)	array	Ordered array of boot source aliases representing the persistent Boot Order associated with this computer system.
<b>AllocationAlignmentMiB</b>	Memory	integer	The boundary which memory regions are allocated on, measured in mebibytes (MiB).
<b>AllocationIncrementMiB</b>	Memory	integer	The size of the smallest unit of allocation for a memory region in mebibytes (MiB).
<b>AllowFIPVLANDiscovery</b>	NetworkDeviceFunction (FibreChannel)	boolean	Whether the FCoE Initialization Protocol (FIP) is used for populating the FCoE VLAN Id.
<b>AllowOverprovisioning</b>	CompositionService	boolean	This indicates whether this service is allowed to overprovision a composition relative to the composition request.
<b>AllowZoneAffinity</b>	CompositionService	boolean	This indicates whether a client is allowed to request that given composition request is fulfilled by a specified Resource Zone.
<b>AllowableValues</b>	ActionInfo (Parameters)	array	A list of values for this parameter supported by this Action target.
<b>AllowedSpeedsMHz</b>	Memory	array	Speed bins supported by this Memory.
<b>AllowsBlockProvisioning</b>	MemoryDomain	boolean	Indicates if this Memory Domain supports the provisioning of blocks of memory.
<b>AllowsMemoryChunkCreation</b>	MemoryDomain	boolean	Indicates if this Memory Domain supports the creation of Memory Chunks.
<b>AllowsMirroring</b>	MemoryDomain	boolean	Indicates if this Memory Domain supports the creation of Memory Chunks with mirroring enabled.
<b>AllowsSparing</b>	MemoryDomain	boolean	Indicates if this Memory Domain supports the creation of Memory Chunks with sparing enabled.
<b>ApparentVA</b>	Sensor	number	The product of Voltage and Current for an AC circuit, in Volt-Amperes units.
<b>AppendLimit</b>	MetricReportDefinition	integer	Indicates the maximum number of entries that can be appended to a metric report. When the metric report reaches its limit, its behavior is dictated by the ReportUpdates property.
<b>ApplyTime</b>	UpdateService (HttpPushUriOptions >	string (enum)	This property indicates when the software update invoked via

	HttpPushUriApplyTime)		HttpPushUri should be applied.
<b>ArchiveFile</b>	JsonSchemaFile (Location), MessageRegistryFile (Location)	string	If the schema is hosted on the service in an archive file, this is the name of the file within the archive.
<b>ArchiveUri</b>	JsonSchemaFile (Location), MessageRegistryFile (Location)	string	If the schema is hosted on the service in an archive file, this is the link to the archive file.
<b>Assemblies</b>	Assembly	array	This is the definition for an assembly information record.
<b>Assembly</b>	Chassis, Drive, Memory, NetworkAdapter, PCIeDevice, Power (PowerSupplies), Processor, Storage (StorageControllers), Thermal (Fans)	object	A reference to the Assembly resource associated with this item.
<b>AssetTag</b>	Chassis, ComputerSystem, Drive, PCIeDevice, Storage (StorageControllers), Switch	string	The user assigned asset tag for this device.
<b>AssignablePhysicalPorts</b>	NetworkDeviceFunction	array	The array of physical port references that this network device function may be assigned to.
<b>AssignedPrivileges</b>	Role	array	The redfish privileges that this role includes.
<b>AssociatedEndpoints</b>	Port (Links)	array	An array of references to the endpoints that connect through this port.
<b>AssociatedNetworkAddresses</b>	NetworkPort	array	The array of configured network addresses (MAC or WWN) that are associated with this Network Port, including the programmed address of the lowest numbered Network Device Function, the configured but not active address if applicable, the address for hardware port teaming, or other network addresses.
<b>AssociatedTask</b>	Drive (Operations), Volume (Operations)	object	A reference to the task associated with the operation if any.
<b>AttributeName</b>	AttributeRegistry (RegistryEntries > Attributes)	string	The unique name of the attribute.
<b>AttributeRegistry</b>	Bios	string	The Resource ID of the Attribute Registry that has the system-specific information about a BIOS resource.
<b>Attributes</b>	AttributeRegistry	array	The array containing the attributes

	(RegistryEntries)		and their possible values.
	Bios	object	The list of BIOS attributes specific to the manufacturer or provider.
<b>AuthFailureLoggingThreshold</b>	AccountService	integer	The number of authorization failures allowed before the failure attempt is logged to the manager log.
<b>AuthNoneRole</b>	HostInterface (Links)	object	A reference to the Role that contains the privileges on this Host Interface when no authentication is performed.
<b>AuthNoneRoleId</b>	HostInterface	string	The Role used when no authentication on this interface is used.
<b>Authentication</b>	AccountService (ActiveDirectory), AccountService (LDAP), ExternalAccountProvider	object	This property contains the authentication information for the external account provider.
<b>AuthenticationMethod</b>	NetworkDeviceFunction (iSCSIBoot)	string (enum)	The iSCSI boot authentication method for this network device function.
<b>AuthenticationModes</b>	HostInterface	array	Indicates the authentication modes available on this interface.
<b>AuthenticationType</b>	AccountService (ActiveDirectory > Authentication), AccountService (LDAP > Authentication), ExternalAccountProvider (Authentication)	string (enum)	This property contains the type of authentication used to connect to the external account provider.
<b>AutoDSTEnabled</b>	Manager	boolean	Indicates whether the manager is configured for automatic DST adjustment.
<b>AutoNeg</b>	EthernetInterface	boolean	This indicates if the speed and duplex are automatically negotiated and configured on this interface.
<b>AutoSpeedNegotiation</b>	NetworkPort (SupportedLinkCapabilities)	boolean	Indicates whether the port has the capability to auto negotiate speed.
<b>AverageConsumedWatts</b>	Power (PowerControl > PowerMetrics)	number	The average power level over the measurement window (the last IntervallInMin minutes).
<b>AverageFrequencyMHz</b>	ProcessorMetrics	number	The average frequency of the processor.
<b>AveragePowerBudgetMilliWatts</b>	Memory (PowerManagementPolicy)	integer	Average power budget in milli watts.
<b>BandwidthPercent</b>	ProcessorMetrics	number	The CPU bandwidth as a percentage.
<b>BaseDistinguishedNames</b>	AccountService (ActiveDirectory > LDAPService >	array	The base distinguished names to use when searching the LDAP



	SearchSettings), AccountService (LDAP > LDAPService > SearchSettings), ExternalAccountProvider (LDAPService > SearchSettings)		service.
<b>BaseModuleType</b>	Memory	string (enum)	The base module type of Memory.
<b>BinaryDataURI</b>	Assembly (Assemblies)	string	URI that provides the ability to access an image of the assembly information.
<b>Bios</b>	ComputerSystem	object	A reference to the BIOS settings associated with this system.
<b>BiosVersion</b>	ComputerSystem	string	The version of the system BIOS or primary system firmware.
<b>BitRate</b>	SerialInterface	string (enum)	The receive and transmit rate of data flow, typically in bits-per-second (bps), over the serial connection.
<b>BlockSizeBytes</b>	Drive, MemoryMetrics	integer	The size of the smallest addressible unit (Block) of this device in bytes.
	Volume	number	The size of the smallest addressible unit (Block) of this volume in bytes.
<b>BlocksRead</b>	MemoryMetrics (CurrentPeriod), MemoryMetrics (LifeTime)	integer	Number of blocks read.
<b>BlocksWritten</b>	MemoryMetrics (CurrentPeriod), MemoryMetrics (LifeTime)	integer	Number of blocks written.
<b>Boot</b>	ComputerSystem	object	Information about the boot settings for this system.
<b>BootMode</b>	NetworkDeviceFunction	string (enum)	The boot mode configured for this network device function.
<b>BootNext</b>	ComputerSystem (Boot)	string	This property is the BootOptionReference of the Boot Option to perform a one time boot from when BootSourceOverrideTarget is UefiBootNext.
<b>BootOptionEnabled</b>	BootOption	boolean	A flag that shows if the Boot Option is enabled.
<b>BootOptionReference</b>	BootOption	string	The unique boot option string that is referenced in the BootOrder.
<b>BootOptions</b>	ComputerSystem (Boot)	object	A reference to the collection of the UEFI Boot Options associated with this Computer System.

<b>BootOrder</b>	ComputerSystem (Boot)	array	Ordered array of BootOptionReference strings representing the persistent Boot Order associated with this computer system.
<b>BootOrderPropertySelection</b>	ComputerSystem (Boot)	string (enum)	Choice of which boot order property to use when specifying the boot order.
<b>BootPriority</b>	NetworkDeviceFunction (FibreChannel > BootTargets)	integer	The relative priority for this entry in the boot targets array.
<b>BootSourceOverrideEnabled</b>	ComputerSystem (Boot)	string (enum)	Describes the state of the Boot Source Override feature.
<b>BootSourceOverrideMode</b>	ComputerSystem (Boot)	string (enum)	The BIOS Boot Mode (either Legacy or UEFI) to be used when BootSourceOverrideTarget boot source is booted from.
<b>BootSourceOverrideTarget</b>	ComputerSystem (Boot)	string (enum)	The current boot source to be used at next boot instead of the normal boot device, if BootSourceOverrideEnabled is true.
<b>BootTargets</b>	NetworkDeviceFunction (FibreChannel)	array	An array of Fibre Channel boot targets configured for this network device function.
<b>BusWidthBits</b>	Memory	integer	Bus Width in bits.
<b>CHAPSecret</b>	NetworkDeviceFunction (iSCSIBoot)	string	The shared secret for CHAP authentication.
<b>CHAPUsername</b>	NetworkDeviceFunction (iSCSIBoot)	string	The username for CHAP authentication.
<b>CStateResidency</b>	ProcessorMetrics (CoreMetrics)	array	The C-state residency of this core in the processor.
<b>Cache</b>	ProcessorMetrics	array	The processor cache metrics.
<b>CacheMiss</b>	ProcessorMetrics (Cache), ProcessorMetrics (CoreMetrics > CoreCache)	number	The number of cache line misses in millions.
<b>CacheMissesPerInstruction</b>	ProcessorMetrics (Cache), ProcessorMetrics (CoreMetrics > CoreCache)	number	The number of cache misses per instruction.
<b>CacheSizeMiB</b>	Memory	integer	Total size of the cache portion memory in MiB.
<b>CacheSummary</b>	Storage (StorageControllers)	object	This object describes the cache memory of the storage controller in general detail.
<b>Calculable</b>	MetricDefinition	string (enum)	Indicates whether the metric can be used in a calculation.
<b>CalculationAlgorithm</b>	MetricDefinition	string (enum)	The calculation which is performed on a source metric to obtain the metric being defined.

<b>CalculationParameters</b>	MetricDefinition	array	Specifies the metric properties which are part of the synthesis calculation. This property is present when the MetricType property has the value 'Synthesized'.
<b>CalculationTimeInterval</b>	MetricDefinition	string	The time interval over which the metric calculation is performed.
<b>Calibration</b>	MetricDefinition	number	Specifies the calibration offset added to the metric reading.
<b>Capable</b>	NetworkAdapter (Controllers > ControllerCapabilities > DataCenterBridging)	boolean	Whether this controller is capable of Data Center Bridging (DCB).
<b>CapableLinkSpeedMbps</b>	NetworkPort (SupportedLinkCapabilities)	array	The self-described link network speed capabilities of this port. Note: Should this be a new enumerated type of link speeds?.
<b>CapableSpeedGbs</b>	Drive	number	The speed which this drive can communicate to a storage controller in ideal conditions in Gigabits per second.
<b>CapacityBytes</b>	Drive, SimpleStorage (Devices)	integer	The capacity of the device in bytes.
	Volume	number	The size in bytes of this Volume.
<b>CapacityMiB</b>	Memory, Processor (ProcessorMemory)	integer	Memory Capacity in mebibytes (MiB).
<b>CertificateLocations</b>	CertificateService	object	Information regarding the location of certificates.
<b>CertificateService</b>	ServiceRoot	object	This is a link to the CertificateService.
<b>CertificateString</b>	Certificate	string	The string for the certificate.
<b>CertificateType</b>	Certificate	string (enum)	The format of the certificate.
<b>Certificates</b>	CertificateLocations (Links)	array	This property is an array of references to the certificates installed on this service.
	ManagerNetworkProtocol (HTTPS)	object	This is a reference to a collection of certificates used for HTTPS by this manager.
	ComputerSystem (Boot)	object	This is a reference to a collection of certificates used for booting via HTTPS by this ComputerSystem.
	AccountService (ActiveDirectory), AccountService (LDAP), ExternalAccountProvider	object	This is a reference to a collection of certificates used for the external account provider.
	ManagerAccount	object	This is a reference to a collection of certificates used for this

			account.
<b>ChangePassword (Action)</b>	Bios (Actions)	object	This action is used to change the BIOS passwords.
<b>Channel</b>	Memory (MemoryLocation)	integer	Channel number in which Memory is connected.
<b>Chassis</b>	ComputerSystem (Links), PCleDevice (Links), ResourceBlock (Links)	array	An array of references to the Chassis that is related or contains this resource.
	Drive (Links), EthernetInterface (Links), Memory (Links), Processor (Links), SimpleStorage (Links), Switch (Links)	object	A reference to the Chassis which contains this resource.
	ServiceRoot	object	This is a link to a collection of Chassis.
<b>ChassisType</b>	Chassis	string (enum)	The type of physical form factor of the chassis.
<b>City</b>	Certificate (Issuer), Certificate (Subject)	string	The city or locality of the organization of the entity.
<b>ClassCode</b>	PCleFunction	string	The Class Code of this PCIe function.
	Endpoint (ConnectedEntities > EntityPcild), Endpoint (Pcild)	string	The Class Code, Subclass code, and Programming Interface code of this PCIe function.
<b>ClearCurrentPeriod (Action)</b>	MemoryMetrics (Actions)	object	This sets the CurrentPeriod object values to zero.
<b>ClearLog (Action)</b>	LogService (Actions)	object	This action is used to clear the log for this Log Service.
<b>CollectionDuration</b>	MetricReportDefinition (Metrics)	string	Specifies the duration over which the function is computed.
<b>CollectionFunction</b>	TelemetryService (SupportedCollectionFunctions)	string (enum)	An operation to perform over the sample.
	MetricReportDefinition (Metrics)	string (enum)	Specified the function to perform on each of the metric properties listed in the MetricProperties property.
<b>CollectionTimeScope</b>	MetricReportDefinition (Metrics)	string (enum)	Specifies the scope of time scope over which the function is applied.
<b>CommandShell</b>	Manager	object	Information about the Command Shell service provided by this manager.
<b>CommonName</b>	Certificate (Issuer), Certificate (Subject)	string	The fully qualified domain name of the entity.
<b>CompletedTaskOverWritePolicy</b>	TaskService	string (enum)	Overwrite policy of completed tasks.

<b>CompositionService</b>	ServiceRoot	object	This is a link to the CompositionService.
<b>CompositionState</b>	ResourceBlock (CompositionStatus)	string (enum)	This property represents the current state of the Resource Block from a composition perspective.
<b>CompositionStatus</b>	ResourceBlock	object	This property describes the composition status details for this Resource Block.
<b>ComputerSystems</b>	Chassis (Links), HostInterface (Links), ResourceBlock, ResourceBlock (Links)	array	An array of references to the Computer Systems related to this resource.
<b>ConfigurationLockCapable</b>	Memory (SecurityCapabilities)	boolean	Support for locking the configuration.
<b>ConfigurationLocked</b>	Memory	boolean	Indicates that the configuration of this memory has been locked.
<b>ConnectTypesSupported</b>	Manager (CommandShell), Manager (GraphicalConsole), Manager (SerialConsole)	array	This object is used to enumerate connection types allowed by the implementation.
<b>ConnectedEntities</b>	Endpoint	array	All the entities connected to this endpoint.
<b>ConnectedProcessors</b>	Processor (Links)	array	An array of references to the processors directly connected to this processor.
<b>ConnectedSwitchPorts</b>	Port (Links)	array	An array of references to the ports that connect to the switch through this port.
<b>ConnectedSwitches</b>	Port (Links)	array	An array of references to the switches that connect to the device through this port.
<b>ConnectedVia</b>	VirtualMedia	string (enum)	Current virtual media connection methods.
<b>ConnectorType</b>	SerialInterface	string (enum)	The type of connector used for this interface.
<b>ConsistencyCheckRatePercent</b>	Storage (StorageControllers > ControllerRates)	integer	The percentage of controller resources used for performing a data consistency check on volumes.
<b>ConsumedPowerWatt</b>	ProcessorMetrics	number	The power consumed by the processor.
<b>ConsumingComputerSystems</b>	ComputerSystem (Links)	array	An array of references to ComputerSystems that are realized, in whole or in part, from this ComputerSystem.
<b>ContainedBy</b>	Chassis (Links)	object	A reference to the chassis that this chassis is contained by.
<b>Contains</b>	Chassis (Links)	array	An array of references to any other

			chassis that this chassis has in it.
<b>Context</b>	Event, Event (Events), EventDestination	string	A client-supplied string that is stored with the event destination subscription.
<b>ControllerCapabilities</b>	NetworkAdapter (Controllers)	object	The capabilities of this controller.
<b>ControllerRates</b>	Storage (StorageControllers)	object	This object describes the various controller rates used for things like Volume Rebuild or Consistency Checks.
<b>Controllers</b>	NetworkAdapter	array	The set of network controllers ASICs that make up this NetworkAdapter.
<b>CooledBy</b>	Chassis (Links), ComputerSystem (Links)	array	An array of ID[s] of resources that cool this resource. Normally the ID will be a chassis or a specific set of fans.
<b>CoreCache</b>	ProcessorMetrics (CoreMetrics)	array	The cache metrics of this core in the processor.
<b>CoreId</b>	ProcessorMetrics (CoreMetrics)	string	The processor core identifier.
<b>CoreMetrics</b>	ProcessorMetrics	array	The processor core metrics.
<b>CorrectableECCError</b>	MemoryMetrics (HealthData > AlarmTrips)	boolean	Correctable data error threshold crossing alarm trip detected status.
<b>CorrectionInMs</b>	Power (PowerControl > PowerLimit)	integer	The time required for the limiting process to reduce power consumption to below the limit.
<b>Count</b>	ComputerSystem (ProcessorSummary)	integer	The number of physical processors in the system.
<b>Country</b>	Certificate (Issuer), Certificate (Subject)	string	The country of the organization of the entity.
<b>Created</b>	LogEntry	string	The time the log entry was created.
<b>CreatedBy</b>	Job	string	The person or program that created this job entry.
<b>CurrentLinkSpeedMbps</b>	NetworkPort	integer	Network Port Current Link Speed.
<b>CurrentPeriod</b>	MemoryMetrics	object	This object contains the Memory metrics since last reset or ClearCurrentPeriod action.
<b>CurrentSpeedGbps</b>	Port	number	The current speed of this port.
<b>CurrentValue</b>	AttributeRegistry (RegistryEntries > Attributes)	boolean, number, string	Placeholder of the current value of the attribute.
<b>DELETE</b>	PrivilegeRegistry (Mappings > OperationMap), PrivilegeRegistry (Mappings > PropertyOverrides >	array	Indicates privilege required for HTTP DELETE operation.

	OperationMap), PrivilegeRegistry (Mappings > ResourceURIOverrides > OperationMap), PrivilegeRegistry (Mappings > SubordinateOverrides > OperationMap)		
<b>DHCP</b>	ManagerNetworkProtocol	object	Settings for this Manager's DHCPv4 protocol support.
<b>DHCPEnabled</b>	EthernetInterface (DHCPv4)	boolean	Determines whether DHCPv4 is enabled on this interface.
<b>DHCPv4</b>	EthernetInterface	object	DHCPv4 configuration for this interface.
<b>DHCPv6</b>	EthernetInterface	object	DHCPv6 configuration for this interface.
	ManagerNetworkProtocol	object	Settings for this Manager's DHCPv6 protocol support.
<b>DataBits</b>	SerialInterface	string (enum)	The number of data bits that will follow the start bit over the serial connection.
<b>DataCenterBridging</b>	NetworkAdapter (Controllers > ControllerCapabilities)	object	Data Center Bridging (DCB) for this controller.
<b>DataLockCapable</b>	Memory (SecurityCapabilities)	boolean	Support for data locking.
<b>DataLossDetected</b>	MemoryMetrics (HealthData)	boolean	Data loss detection status.
<b>DataType</b>	ActionInfo (Parameters)	string (enum)	The JSON property type used for this parameter.
<b>DataWidthBits</b>	Memory	integer	Data Width in bits.
<b>DateTime</b>	LogService	string	The current DateTime (with offset) for the log service, used to set or read time.
	Manager	string	The current DateTime (with offset) for the manager, used to set or read time.
	JobService	string	The current DateTime (with offset) setting that the job service is using.
	TaskService	string	The current DateTime (with offset) setting that the task service is using.
<b>DateTimeLocalOffset</b>	LogService, Manager	string	The time offset from UTC that the DateTime property is set to in format: +06:00 .
<b>DefaultValue</b>	AttributeRegistry (RegistryEntries > Attributes)	boolean, number, string	The default current value of the attribute.
<b>DeliveryRetryAttempts</b>	EventService	integer	This is the number of attempts an event posting is retried before the

			subscription is terminated. This retry is at the service level, meaning the HTTP POST to the Event Destination was returned by the HTTP operation as unsuccessful (4xx or 5xx return code) or an HTTP timeout occurred this many times before the Event Destination subscription is terminated.
<b>DeliveryRetryIntervalSeconds</b>	EventService	integer	This represents the number of seconds between retry attempts for sending any given Event.
<b>DeltaPhysicalContext</b>	Thermal (Temperatures)	string (enum)	Describes the area or device to which the DeltaReadingCelsius temperature measurement applies, relative to PhysicalContext.
<b>DeltaReadingCelsius</b>	Thermal (Temperatures)	number	Delta Temperature reading.
<b>Dependencies</b>	AttributeRegistry (RegistryEntries)	array	The array containing a list of dependencies of attributes on this component.
<b>Dependency</b>	AttributeRegistry (RegistryEntries > Dependencies)	object	The dependency expression for one or more Attributes in this Attribute Registry.
<b>DependencyFor</b>	AttributeRegistry (RegistryEntries > Dependencies)	string	The AttributeName of the attribute whose change triggers the evaluation of this dependency expression.
<b>DepthMm</b>	Chassis	number	The depth of the chassis.
<b>Description</b>	Assembly (Assemblies)	string	Description of the Assembly.
	<i>various</i> (AccelerationFunction, AccelerationFunctionCollection ... )	string	Provides a description of this resource and is used for commonality in the schema definitions.
<b>Destination</b>	EventDestination	string	The URI of the destination Event Service.
<b>DeviceClass</b>	PCleFunction	string (enum)	The class for this PCIe Function.
<b>DeviceEnabled</b>	NetworkDeviceFunction	boolean	Whether the network device function is enabled.
<b>DeviceID</b>	Memory	string	Device ID.
<b>DeviceId</b>	Endpoint (ConnectedEntities > EntityPcild), Endpoint (Pcild), PCleFunction	string	The Device ID of this PCIe function.
<b>DeviceLocator</b>	Memory	string	Location of the Memory in the platform.
<b>DeviceMaxCount</b>	NetworkAdapter (Controllers >	integer	The maximum number of Virtual



	ControllerCapabilities > VirtualizationOffload > VirtualFunction)		Functions (VFs) supported by this controller.
<b>DeviceType</b>	PCIeDevice	string (enum)	The device type for this PCIe device.
<b>Devices</b>	SimpleStorage	array	The storage devices associated with this resource.
<b>DisablePassphrase (Action)</b>	Memory (Actions)	object	Disable passphrase for given regions.
<b>DiscreteTriggerCondition</b>	Triggers	string (enum)	Specifies the conditions when a discrete metric triggers.
<b>DiscreteTriggers</b>	Triggers	array	List of discrete triggers.
<b>DiscreteValues</b>	MetricDefinition	array	This array property specifies possible values of a discrete metric.
<b>DisplayName</b>	BootOption	string	The user-readable display string of the Boot Option.
	AttributeRegistry (RegistryEntries > Attributes)	string	The user-readable display string of the attribute in the defined 'Language'.
	AttributeRegistry (RegistryEntries > Menus)	string	The user-readable display string of this menu in the defined 'Language'.
<b>DisplayOrder</b>	AttributeRegistry (RegistryEntries > Menus)	integer	The numeric value describing the ascending order in which this menu is displayed relative to other menus.
	AttributeRegistry (RegistryEntries > Attributes)	integer	The numeric value describing the ascending order that the attribute is displayed relative to other attributes.
<b>DomainID</b>	Switch	integer	The Domain ID for this switch.
<b>Drives</b>	Chassis (Links), PCIeFunction (Links), ResourceBlock, Storage, Volume (Links)	array	An array of references to the Drives associated with this resource.
<b>DwellTime</b>	<i>various</i> (Sensor (Thresholds > LowerCaution), Sensor (Thresholds > LowerCritical) ... )	string	The time interval over which the sensor reading must have passed through this Threshold value before the threshold is considered to be violated.
<b>EEEEEnabled</b>	NetworkPort	boolean	Whether IEEE 802.3az Energy Efficient Ethernet (EEE) is enabled for this network port.
<b>EffectiveFamily</b>	Processor (ProcessorId)	string	The effective Family for this processor.
<b>EffectiveModel</b>	Processor (ProcessorId)	string	The effective Model for this

			processor.
<b>EfficiencyPercent</b>	Power (PowerSupplies)	number	The measured efficiency of this Power Supply as a percentage.
<b>EjectMedia (Action)</b>	VirtualMedia (Actions)	object	This action is used to detach remote media from virtual media.
<b>ElectricalContext</b>	Sensor	string (enum)	The combination of current-carrying conductors.
<b>Email</b>	Certificate (Issuer), Certificate (Subject)	string	The email address of the contact within the organization of the entity.
<b>Enabled</b>	ManagerAccount	boolean	This property is used by a User Administrator to disable an account w/o having to delete the user information. When set to true, the user can login. When set to false, the account is administratively disabled and the user cannot login.
<b>Enclosures</b>	Storage (Links)	array	An array of references to the chassis to which this storage subsystem is attached.
<b>Encrypted</b>	Volume	boolean	Is this Volume encrypted.
<b>EncryptionAbility</b>	Drive	string (enum)	The encryption abilities of this drive.
<b>EncryptionStatus</b>	Drive	string (enum)	The status of the encryption of this drive.
<b>EncryptionTypes</b>	Volume	array	The types of encryption used by this Volume.
<b>EndTime</b>	Job, Task	string	The date-time stamp that the job or task was completed.
<b>EndpointProtocol</b>	Endpoint	string (enum)	The protocol supported by this endpoint.
<b>Endpoints</b>	AccelerationFunction (Links), ComputerSystem (Links), Drive (Links), EthernetInterface (Links), NetworkDeviceFunction (Links),  Processor (Links), Storage (StorageControllers > Links), Zone (Links)	array	An array of references to endpoints associated with this resource.
	Fabric	object	A collection of references to the endpoints contained in this fabric.
<b>EngineeringChangeLevel</b>	Assembly (Assemblies)	string	Engineering change level of the Assembly.
<b>Entity</b>	PrivilegeRegistry (Mappings)	string	Indicates entity name. e.g., Manager.

<b>EntityLink</b>	Endpoint (ConnectedEntities)		A link to the associated entity.
<b>EntityPcild</b>	Endpoint (ConnectedEntities)	object	The PCI ID of the connected entity.
<b>EntityRole</b>	Endpoint (ConnectedEntities)	string (enum)	The role of the connected entity.
<b>EntityType</b>	Endpoint (ConnectedEntities)	string (enum)	The type of the connected entity.
<b>Entries</b>	LogService	object	References to the log entry collection.
<b>EntryCode</b>	LogEntry	string (enum)	If the EntryType is SEL, this will have the entry code for the log entry.
<b>EntryType</b>	LogEntry	string (enum)	This is the type of log entry.
<b>EnvironmentalClass</b>	Chassis	string (enum)	The ASHRAE Environmental Class for this Chassis.
<b>ErrorCorrection</b>	Memory	string (enum)	Error correction scheme supported for this memory.
<b>Ethernet</b>	NetworkDeviceFunction, Processor (FPGA > ExternalInterfaces), Processor (FPGA > HostInterface)	object	Describes the Ethernet related information about this device or interface.
<b>EthernetInterfaces</b>	PCIeFunction (Links), ResourceBlock	array	An array of references to the Ethernet Interfaces related to this resource.
	ComputerSystem, Manager	object	A reference to the collection of Ethernet interfaces associated with this resource.
<b>EventFormatType</b>	EventService (SSEFilterPropertiesSupported)	boolean	This indicates if the EventFormatType property is supported.
	EventDestination	string (enum)	Indicates the content types of the message that will be sent to the EventDestination.
<b>EventFormatTypes</b>	EventService	array	Indicates the content types of the message that this service can send to the event destination.
<b>EventGroupld</b>	Event (Events), LogEntry	integer	This value is the identifier used to correlate events that came from the same cause.
<b>Eventld</b>	Event (Events), LogEntry	string	This is a unique instance identifier of an event.
<b>EventService</b>	ServiceRoot	object	This is a link to the EventService.
<b>EventTimestamp</b>	Event (Events), LogEntry	string	This is time the event occurred.

<b>EventTriggers</b>	Triggers	array	A list of MessageIds that specify when a trigger occurs based on an event.
<b>EventType</b>	EventService (SSEFilterPropertiesSupported)	boolean	This indicates if the EventType property is supported.
	LogEntry	string (enum)	This indicates the type of an event recorded in this log.
	Event (Events)	string (enum)	This indicates the type of event sent, according to the definitions in the EventService.
<b>EventTypes</b>	EventDestination	array	This property contains the types of events that will be sent to the destination.
<b>EventTypesForSubscription</b>	EventService	array	This is the types of Events that can be subscribed to.
<b>Events</b>	Event	array	Each event in this array has a set of properties that describe the event. Since this is an array, more than one event can be sent simultaneously.
<b>ExcerptQuery</b>	ServiceRoot (ProtocolFeaturesSupported)	boolean	This indicates whether the 'excerpt' query parameter is supported.
<b>ExpandAll</b>	ServiceRoot (ProtocolFeaturesSupported > ExpandQuery)	boolean	This indicates whether the \$expand support of asterisk (expand all entries) is supported.
<b>ExpandQuery</b>	ServiceRoot (ProtocolFeaturesSupported)	object	Contains information about the use of \$expand in the service.
<b>ExternalAccessibility</b>	Zone	string (enum)	How is this zone accessible to endpoints not explicitly listed.
<b>ExternalInterfaces</b>	Processor (FPGA)	array	An array of the FPGA external interfaces.
<b>ExternallyAccessible</b>	HostInterface	boolean	Indicates whether this interface is accessible by external entities.
<b>FCFabricName</b>	NetworkPort	string	The FC Fabric Name provided by the switch.
<b>FCPortConnectionType</b>	NetworkPort	string (enum)	This is the connection type of this port.
<b>FCoEActiveVLANId</b>	NetworkDeviceFunction (FibreChannel)	integer	The active FCoE VLAN ID.
<b>FCoELocalVLANId</b>	NetworkDeviceFunction (FibreChannel)	integer	The locally configured FCoE VLAN ID.
<b>FPGA</b>	Processor	object	The properties specific for Processors of type FPGA.
<b>FQDN</b>	EthernetInterface, ManagerNetworkProtocol	string	This is the fully qualified domain name obtained by DNS including the host name and top-level

			domain name.
<b>FabricType</b>	Fabric	string (enum)	The protocol being sent over this fabric.
<b>Fabrics</b>	ServiceRoot	object	A link to a collection of all fabric entities.
<b>FailurePredicted</b>	Drive	boolean	Is this drive currently predicting a failure in the near future.
<b>FallbackAddress</b>	EthernetInterface (DHCPv4)	string (enum)	DHCPv4 fallback address method for this interface.
<b>FanName</b>	Thermal (Fans)	string	Name of the fan.
<b>Fans</b>	Thermal	array	This is the definition for fans.
<b>FibreChannel</b>	NetworkDeviceFunction	object	Fibre Channel.
<b>FibreChannelId</b>	NetworkDeviceFunction (FibreChannel)	string	The Fibre Channel Id assigned by the switch for this interface.
<b>FilterQuery</b>	ServiceRoot (ProtocolFeaturesSupported)	boolean	This indicates whether the \$filter query parameter is supported.
<b>FirmwareApiVersion</b>	Memory	string	Version of API supported by the firmware.
<b>FirmwareAuthEnabled</b>	HostInterface	boolean	Indicates whether this firmware authentication is enabled for this interface.
<b>FirmwareAuthRole</b>	HostInterface (Links)	object	A reference to the Role that has firmware authentication privileges on this Host Interface.
<b>FirmwareAuthRoleId</b>	HostInterface	string	The Role used for firmware authentication on this interface.
<b>FirmwareId</b>	Processor (FPGA)	string	The FPGA firmware identifier.
<b>FirmwareInventory</b>	UpdateService	object	An inventory of firmware.
<b>FirmwareManufacturer</b>	Processor (FPGA)	string	The FPGA firmware manufacturer.
<b>FirmwarePackageVersion</b>	NetworkAdapter (Controllers)	string	The version of the user-facing firmware package.
<b>FirmwareRevision</b>	Memory	string	Revision of firmware on the Memory controller.
<b>FirmwareVersion</b>	AttributeRegistry (SupportedSystems), ComputerSystem (TrustedModules), Manager, PCleDevice, Power (PowerSupplies), Processor (FPGA), Storage (StorageControllers)	string	The firmware version for this device.
<b>FirmwareVersion2</b>	ComputerSystem (TrustedModules)	string	The 2nd firmware version of this Trusted Module, if applicable.
<b>FlowControl</b>	SerialInterface	string	The type of flow control, if any,

		(enum)	that will be imposed on the serial connection.
<b>FlowControlConfiguration</b>	NetworkPort	string (enum)	The locally configured 802.3x flow control setting for this network port.
<b>FlowControlStatus</b>	NetworkPort	string (enum)	The 802.3x flow control behavior negotiated with the link partner for this network port (Ethernet-only).
<b>ForceFailover (Action)</b>	Manager (Actions)	object	The ForceFailover action forces a failover of this manager to the manager used in the parameter.
<b>FpgaReconfigurationSlots</b>	AccelerationFunction	array	An array of the reconfiguration slot identifiers for an FPGA.
<b>FpgaType</b>	Processor (FPGA)	string (enum)	The FPGA type.
<b>FrequencyRatio</b>	ProcessorMetrics	number	The frequency relative to the nominal processor frequency ratio.
<b>FullDuplex</b>	EthernetInterface	boolean	This indicates if the interface is in Full Duplex mode or not.
<b>FunctionClasses</b>	Memory	array	Function Classes by the Memory.
<b>FunctionEnabled</b>	ComputerSystem (HostWatchdogTimer)	boolean	This indicates if the Host Watchdog Timer functionality has been enabled. Additional host-based software is necessary to activate the timer function.
<b>FunctionId</b>	PCleFunction	integer	The the PCIe Function identifier.
<b>FunctionNumber</b>	Endpoint (ConnectedEntities > EntityPcild), Endpoint (Pcild)	integer	The PCI ID of the connected entity.
<b>FunctionType</b>	PCleFunction	string (enum)	The type of the PCIe Function.
<b>GET</b>	PrivilegeRegistry (Mappings > OperationMap), PrivilegeRegistry (Mappings > PropertyOverrides > OperationMap), PrivilegeRegistry (Mappings > ResourceURIOverrides > OperationMap), PrivilegeRegistry (Mappings > SubordinateOverrides > OperationMap)	array	Indicates privilege required for HTTP GET operation.
<b>GenerateCSR (Action)</b>	CertificateService (Actions)	object	This action is used to perform a certificate signing request.
<b>GraphicalConsole</b>	Manager	object	The value of this property shall contain the information about the Graphical Console (KVM-IP) service of this manager.
<b>GrayOut</b>	AttributeRegistry	boolean	The gray-out state of this attribute

	(RegistryEntries > Attributes), AttributeRegistry (RegistryEntries > Menus)		or menu. A grayed-only menu is not accessible in user interfaces.
<b>GroupNameAttribute</b>	AccountService (ActiveDirectory > LDAPService > SearchSettings), AccountService (LDAP > LDAPService > SearchSettings), ExternalAccountProvider (LDAPService > SearchSettings)	string	The attribute name that contains the name of the Group on the group LDAP entry.
<b>GroupsAttribute</b>	AccountService (ActiveDirectory > LDAPService > SearchSettings), AccountService (LDAP > LDAPService > SearchSettings), ExternalAccountProvider (LDAPService > SearchSettings)	string	The attribute name that contains the Groups for a user on the user LDAP entry.
<b>HEAD</b>	PrivilegeRegistry (Mappings > OperationMap), PrivilegeRegistry (Mappings > PropertyOverrides > OperationMap), PrivilegeRegistry (Mappings > ResourceURIOverrides > OperationMap), PrivilegeRegistry (Mappings > SubordinateOverrides > OperationMap)	array	Indicates privilege required for HTTP HEAD operation.
<b>HTTP</b>	ManagerNetworkProtocol	object	Settings for this Manager's HTTP protocol support.
<b>HTTPS</b>	ManagerNetworkProtocol	object	Settings for this Manager's HTTPS protocol support.
<b>HealthData</b>	MemoryMetrics	object	This object describes the health information of the memory.
<b>HeightMm</b>	Chassis	number	The height of the chassis.
<b>HelpText</b>	AttributeRegistry (RegistryEntries > Attributes)	string	The help text for the attribute.
<b>Hidden</b>	AttributeRegistry (RegistryEntries > Attributes), AttributeRegistry (RegistryEntries > Menus)	boolean	The hidden state of this attribute or menu.
<b>HidePayload</b>	Job, Task	boolean	Indicates that the contents of the Payload should be hidden from view after the Job or Task has been created. When set to True, the Payload object will not be returned on GET.
<b>HitRatio</b>	ProcessorMetrics (Cache), ProcessorMetrics (CoreMetrics)	number	The cache line hit ratio.

	> CoreCache)		
<b>HostEthernetInterfaces</b>	HostInterface	object	The Redfish link to the collection of network interface controllers or cards (NICs) that a Computer System uses to communicate with this Host Interface.
<b>HostInterface</b>	Processor (FPGA)	object	The FPGA interface to the host.
	EthernetInterface (Links)	object	This is a reference to a Host Interface that is associated with this Ethernet Interface.
<b>HostInterfaceType</b>	HostInterface	string (enum)	Indicates the Host Interface type for this interface.
<b>HostInterfaces</b>	Manager	object	This is a reference to a collection of Host Interfaces that this manager uses for local host communication. It is here that clients will find Host Interface configuration options and settings.
<b>HostName</b>	ComputerSystem, EthernetInterface, ManagerNetworkProtocol	string	The DNS Host Name, without any domain information.
<b>HostReservationMemoryBytes</b>	Endpoint	integer	The amount of memory in Bytes that the Host should allocate to connect to this endpoint.
<b>HostWatchdogTimer</b>	ComputerSystem	object	This object describes the Host Watchdog Timer functionality for this system.
<b>HostedServices</b>	ComputerSystem	object	The services that this computer system supports.
<b>HostingRole</b>	ComputerSystem (HostingRoles)	string (enum)	The enumerations of HostingRoles specify different features that the hosting ComputerSystem supports.
<b>HostingRoles</b>	ComputerSystem	array	The hosing roles that this computer system supports.
<b>HotPluggable</b>	Power (PowerSupplies), Thermal (Fans)	boolean	Indicates if this device can be inserted or removed while the equipment is in operation.
	PCleSlots	boolean	Indicates whether the PCIe slot supports hotplug.
<b>HotspareReplacementMode</b>	Drive	string (enum)	The replacement mode for the hotspare drive.
<b>HotspareType</b>	Drive	string (enum)	The type of hotspare this drive is currently serving as.
<b>HttpHeaders</b>	EventDestination, Job (Payload), Task (Payload)	array	This represents the HTTP headers used in the operation of this Task or Job, or that will be supplied to an EventDestination when an Event is sent. For usage in



			EventDestination, this object will be null on a GET.
<b>HttpOperation</b>	Task (Payload)	string	The HTTP operation to perform to execute this Task.
	Job (Payload)	string	The HTTP operation to perform to execute this job.
<b>HttpPushUri</b>	UpdateService	string	The URI used to perform an HTTP or HTTPS push update to the Update Service.
<b>HttpPushUriApplyTime</b>	UpdateService (HttpPushUriOptions)	object	This property contains settings for when firmware is to be applied when provided via HttpPushUri.
<b>HttpPushUriOptions</b>	UpdateService	object	This property contains options for software update via HttpPushUri.
<b>HttpPushUriOptionsBusy</b>	UpdateService	boolean	This represents if the properties of HttpPushUriOptions are reserved by any client.
<b>HttpPushUriTargets</b>	UpdateService	array	The array of URIs indicating the target for applying the update image.
<b>HttpPushUriTargetsBusy</b>	UpdateService	boolean	This represents if the HttpPushUriTargets property is reserved by any client.
<b>IOStallCount</b>	ProcessorMetrics (CoreMetrics)	number	The number of stalled cycles due to I/O operations.
<b>IPAddressType</b>	NetworkDeviceFunction (iSCSIBoot)	string (enum)	The type of IP address (IPv6 or IPv4) being populated in the iSCSIBoot IP address fields.
<b>IPMI</b>	ManagerNetworkProtocol	object	Settings for this Manager's IPMI-over-LAN protocol support.
<b>IPMaskDNSViaDHCP</b>	NetworkDeviceFunction (iSCSIBoot)	boolean	Whether the iSCSI boot initiator uses DHCP to obtain the initiator name, IP address, and netmask.
<b>IPTransportDetails</b>	Endpoint	array	This array contains details for each IP transport supported by this endpoint. The array structure can be used to model multiple IP addresses for this endpoint.
<b>IPv4Address</b>	Endpoint (IPTransportDetails)	object	The IPv4 addresses assigned to the Endpoint.
	EthernetInterface (IPv4Addresses), EthernetInterface (IPv4StaticAddresses)	object	This type describes an IPv4 Address.
<b>IPv4Addresses</b>	EthernetInterface	array	The IPv4 addresses currently assigned to this interface.
<b>IPv4AutoConfigEnabled</b>	EthernetInterface (StatelessAddressAutoConfig)	boolean	Indicates whether IPv4 SLAAC is enabled for this interface.

<b>IPv4StaticAddresses</b>	EthernetInterface	array	The IPv4 static addresses assigned to this interface.
<b>IPv6Address</b>	Endpoint (IPTransportDetails)	object	The IPv6 addresses assigned to the Endpoint.
	EthernetInterface (IPv6Addresses)	object	This type describes an IPv6 Address.
<b>IPv6AddressPolicyTable</b>	EthernetInterface	array	An array representing the RFC 6724 Address Selection Policy Table.
<b>IPv6Addresses</b>	EthernetInterface	array	Enumerates in an array all of the currently assigned IPv6 addresses on this interface.
<b>IPv6AutoConfigEnabled</b>	EthernetInterface (StatelessAddressAutoConfig)	boolean	Indicates whether IPv6 SLAAC is enabled for this interface.
<b>IPv6DefaultGateway</b>	EthernetInterface	string	This is the IPv6 default gateway address that is currently in use on this interface.
<b>IPv6GatewayStaticAddress</b>	EthernetInterface (IPv6StaticDefaultGateways)	object	This object represents a single IPv6 static address to be assigned on a network interface.
<b>IPv6StaticAddress</b>	EthernetInterface (IPv6StaticAddresses)	object	This object represents a single IPv6 static address to be assigned on a network interface.
<b>IPv6StaticAddresses</b>	EthernetInterface	array	Represents in an array all of the IPv6 static addresses to be assigned on this interface.
<b>IPv6StaticDefaultGateways</b>	EthernetInterface	array	The IPv6 static default gateways for this interface.
<b>Id</b>	<i>various</i> (AccelerationFunction, AccountService ... )	string	The identifier for this resource.
<b>IdentificationRegisters</b>	Processor (ProcessorId)	string	The contents of the Identification Registers (CPUID) for this processor.
<b>Identifier</b>	Drive (Identifiers), Endpoint (ConnectedEntities > Identifiers), Endpoint (Identifiers), Storage (StorageControllers > Identifiers), Zone (Identifiers)	object	This type describes any additional identifiers for a resource.
<b>Identifiers</b>	Endpoint (ConnectedEntities)	array	Identifiers for the remote entity.
	Endpoint	array	Identifiers for this endpoint.
	Zone	array	Identifiers for this zone.
	Drive	array	The Durable names for the drive.
	Storage (StorageControllers)	array	The Durable names for the storage controller.

	Volume	array	The Durable names for the volume.
<b>Image</b>	VirtualMedia	string	A URI providing the location of the selected image.
<b>ImageName</b>	VirtualMedia	string	The current image name.
<b>Immutable</b>	AttributeRegistry (RegistryEntries > Attributes)	boolean	Defines whether this attribute is immutable or not.
<b>Implementation</b>	MetricDefinition	string (enum)	The implementation of the metric.
<b>IndicatorLED</b>	Chassis	string (enum)	The state of the indicator LED, used to identify the chassis.
	Drive	string (enum)	The state of the indicator LED, used to identify the drive.
	Power (PowerSupplies)	string (enum)	The state of the indicator LED, used to identify the power supply.
	Switch	string (enum)	The state of the indicator LED, used to identify the switch.
	ComputerSystem	string (enum)	The state of the indicator LED, used to identify the system.
	Thermal (Fans)	string (enum)	The state of the indicator LED, used to identify this Fan.
<b>Initialize (Action)</b>	Volume (Actions)	object	This action is used to prepare the contents of the volume for use by the system.
<b>InitiatorDefaultGateway</b>	NetworkDeviceFunction (iSCSIBoot)	string	The IPv6 or IPv4 iSCSI boot default gateway.
<b>InitiatorIPAddress</b>	NetworkDeviceFunction (iSCSIBoot)	string	The IPv6 or IPv4 address of the iSCSI initiator.
<b>InitiatorName</b>	NetworkDeviceFunction (iSCSIBoot)	string	The iSCSI initiator name.
<b>InitiatorNetmask</b>	NetworkDeviceFunction (iSCSIBoot)	string	The IPv6 or IPv4 netmask of the iSCSI boot initiator.
<b>InputRanges</b>	Power (PowerSupplies)	array	This is the input ranges that the power supply can use.
<b>InputType</b>	Power (PowerSupplies > InputRanges)	string (enum)	The Input type (AC or DC).
<b>InsertMedia (Action)</b>	VirtualMedia (Actions)	object	This action is used to attach remote media to virtual media.
<b>Inserted</b>	VirtualMedia	boolean	Indicates if virtual media is inserted in the virtual device.
<b>InstructionSet</b>	Processor	string (enum)	The instruction set of the processor.
<b>InstructionsPerCycle</b>	ProcessorMetrics (CoreMetrics)	number	The number of instructions per clock cycle of this core.

<b>IntegratedMemory</b>	Processor (ProcessorMemory)	boolean	This indicates whether this memory is integrated within the Processor.
<b>InterfaceEnabled</b>	EthernetInterface, HostInterface, SerialInterface	boolean	Indicates whether this interface is enabled.
<b>InterfaceType</b>	Processor (FPGA > ExternalInterfaces), Processor (FPGA > HostInterface)	string (enum)	The FPGA interface type.
	ComputerSystem (TrustedModules)	string (enum)	This property indicates the interface type of the Trusted Module.
<b>InterfaceTypeSelection</b>	ComputerSystem (TrustedModules)	string (enum)	The Interface Type selection supported by this Trusted Module.
<b>InterleavableMemorySets</b>	MemoryDomain	array	This is the interleave sets for the memory chunk.
<b>InterleaveSets</b>	MemoryChunks	array	This is the interleave sets for the memory chunk.
<b>IntervallnMin</b>	Power (PowerControl > PowerMetrics)	integer	The time interval (or window) in which the PowerMetrics are measured over.
<b>IntrusionSensor</b>	Chassis (PhysicalSecurity)	string (enum)	This indicates the known state of the physical security sensor, such as if it is hardware intrusion detected.
<b>IntrusionSensorNumber</b>	Chassis (PhysicalSecurity)	integer	A numerical identifier to represent the physical security sensor.
<b>IntrusionSensorReArm</b>	Chassis (PhysicalSecurity)	string (enum)	This indicates how the Normal state to be restored.
<b>InvolvedSwitches</b>	Zone (Links)	array	Represents an array of references to the switches in this zone.
<b>IsLinear</b>	MetricDefinition	boolean	Indicates whether the metric values are linear (vs non-linear).
<b>IsManaged</b>	Switch	boolean	This indicates whether the switch is in a managed or unmanaged state.
<b>IsMirrorEnabled</b>	MemoryChunks	boolean	Mirror Enabled status.
<b>IsPredefined</b>	Role	boolean	This property is used to indicate if the Role is one of the Redfish Predefined Roles vs a Custom role.
<b>IsRankSpareEnabled</b>	Memory	boolean	Rank spare enabled status.
<b>IsSpare</b>	MemoryChunks	boolean	Spare enabled status.
<b>IsSpareDeviceEnabled</b>	Memory	boolean	Spare device enabled status.
<b>IsSystemUniqueProperty</b>	AttributeRegistry	boolean	Defines whether this attribute is

	(RegistryEntries > Attributes)		unique for this system and should not be replicated.
<b>Issuer</b>	Certificate	object	The issuer of the certificate.
<b>JobService</b>	ServiceRoot	object	This is a link to the JobService.
<b>JobState</b>	Job	string (enum)	The state of the job.
<b>JobStatus</b>	Job	string (enum)	The status of the job.
<b>Jobs</b>	JobService	object	References to the Jobs collection.
<b>JsonBody</b>	Job (Payload), Task (Payload)	string	This property contains the JSON payload to use in the execution of this Job or Task.
<b>JsonSchemas</b>	ServiceRoot	object	This is a link to a collection of Json-Schema files.
<b>KVMIP</b>	ManagerNetworkProtocol	object	Settings for this Manager's KVM-IP protocol support.
<b>KerberosKeytab</b>	AccountService (ActiveDirectory > Authentication), AccountService (LDAP > Authentication), ExternalAccountProvider (Authentication)	string	This property is used with a PATCH or PUT to write a base64 encoded version of the kerberos keytab for the account. This property is null on a GET.
<b>KernelAuthEnabled</b>	HostInterface	boolean	Indicates whether this kernel authentication is enabled for this interface.
<b>KernelAuthRole</b>	HostInterface (Links)	object	A reference to the Role object defining Privileges for this Host Interface when using kernel authentication.
<b>KernelAuthRoleId</b>	HostInterface	string	The Role used for kernel authentication on this interface.
<b>KernelPercent</b>	ProcessorMetrics	number	The percentage of time spent in kernel mode.
<b>KeyUsage</b>	Certificate	array	The usage of the key contained in the certificate.
	Certificate (KeyUsage)	string (enum)	The usages of a key contained within a certificate.
<b>Keys</b>	MetricReportDefinition (Wildcards)	array	An array of values to substitute for the wildcard.
<b>LDAP</b>	AccountService	object	The first LDAP external account provider this AccountService supports.
<b>LDAPService</b>	AccountService (ActiveDirectory), AccountService (LDAP), ExternalAccountProvider	object	This property contains additional mapping information needed to parse a generic LDAP service.

<b>LUNID</b>	NetworkDeviceFunction (FibreChannel > BootTargets)	string	The Logical Unit Number (LUN) ID to boot from on the device referred to by the corresponding WWPN.
<b>Label</b>	EthernetInterface (IPv6AddressPolicyTable)	integer	The IPv6 Label (as defined in RFC 6724 section 2.1).
<b>Lanes</b>	PCleSlots (Slots)	integer	This is the number of PCIe lanes supported by this slot.
<b>LanesInUse</b>	PCleDevice (PCleInterface)	integer	This is the number of PCIe lanes in use by this device.
<b>Language</b>	JsonSchemaFile (Location), MessageRegistryFile (Location)	string	The language code for the file the schema is in.
	AttributeRegistry, MessageRegistry	string	This is the RFC 5646 compliant language code for the registry.
<b>Languages</b>	JsonSchemaFile, MessageRegistryFile	array	Language codes for the schemas available.
<b>LastPowerOutputWatts</b>	Power (PowerSupplies)	number	The average power output of this Power Supply.
<b>LastShutdownSuccess</b>	MemoryMetrics (HealthData)	boolean	Status of last shutdown.
<b>Level</b>	ProcessorMetrics (Cache), ProcessorMetrics (CoreMetrics > CoreCache)	string	The cache level.
	ProcessorMetrics (CoreMetrics > CStateResidency)	string	The level of C-state, e.g. C0, C1, C2.
<b>Levels</b>	ServiceRoot (ProtocolFeaturesSupported > ExpandQuery)	boolean	This indicates whether the expand support of the \$levels qualifier is supported by the service.
<b>LifeCycleEventOnTaskStateChange</b>	TaskService	boolean	Send an Event upon Task State Change.
<b>LifeTime</b>	MemoryMetrics	object	This object contains the Memory metrics for the lifetime of the Memory.
<b>LimitException</b>	Power (PowerControl > PowerLimit)	string (enum)	The action that is taken if the power cannot be maintained below the LimitInWatts.
<b>LimitInWatts</b>	Power (PowerControl > PowerLimit)	number	The Power limit in watts. Set to null to disable power capping.
<b>LineInputVoltage</b>	Power (PowerSupplies)	number	The line input voltage at which the Power Supply is operating.
<b>LineInputVoltageType</b>	Power (PowerSupplies)	string (enum)	The line voltage type supported as an input to this Power Supply.
<b>LinkNetworkTechnology</b>	NetworkPort (SupportedLinkCapabilities)	string (enum)	The self-described link network technology capabilities of this port.
<b>LinkSpeedMbps</b>	NetworkPort (SupportedLinkCapabilities)	integer	The speed of the link in Mbps when this link network technology is active.
<b>LinkStatus</b>	EthernetInterface	string	The link status of this interface

		(enum)	(port).
	NetworkPort	string (enum)	The status of the link between this port and its link partner.
<b>Links</b>	ServiceRoot (ProtocolFeaturesSupported > ExpandQuery)	boolean	This indicates whether the \$expand support of tilde (expand only entries in the Links section) is supported.
	<i>various</i> (AccelerationFunction, CertificateLocations ... )	object	Contains references to other resources that are related to this resource.
<b>LoadPercent</b>	Sensor	number	The power load utilization for this Sensor.
<b>LocalAccountAuth</b>	AccountService	string (enum)	Controls when this service will use the accounts defined withing this AccountService as part of authentication.
<b>LocalMemoryBandwidthBytes</b>	ProcessorMetrics	integer	The local memory bandwidth usage in bytes.
<b>LocalRole</b>	AccountService (ActiveDirectory > RemoteRoleMapping), AccountService (LDAP > RemoteRoleMapping), ExternalAccountProvider (RemoteRoleMapping)	string	The name of the local role in which to map the remote user or group.
<b>Location</b>	JsonSchemaFile, MessageRegistryFile	array	Location information for this registry or schema file.
	Drive	array	The Location of the drive.
	<i>various</i> (Chassis, Drive (Location) ... )	object	The physical location of this device or resource.
<b>Locked</b>	ManagerAccount	boolean	This property indicates that the account has been auto-locked by the account service because the lockout threshold has been exceeded. When set to true, the account is locked. A user admin can write the property to false to manually unlock, or the account service will unlock it once the lockout duration period has passed.
<b>Log</b>	JobService	object	This is a reference to a Log Service used by the Job Service.
<b>LogEntryType</b>	LogService	string (enum)	The format of the Entries of this log.
<b>LogService</b>	TelemetryService	object	This is a reference to a Log Service used by the Telemetry Service.
<b>LogServices</b>	ComputerSystem, Switch	object	A reference to the collection of Log Services associated with this

			system.
	Chassis	object	A reference to the logs for this chassis.
	Manager	object	This is a reference to a collection of Logs used by the manager.
<b>LogicalProcessorCount</b>	ComputerSystem (ProcessorSummary)	integer	The number of logical processors in the system.
<b>LogicalSizeMiB</b>	Memory	integer	Total size of the logical memory in MiB.
<b>LowerBound</b>	AttributeRegistry (RegistryEntries > Attributes)	integer	The lower limit of the value of an attribute of type 'Integer'.
<b>LowerCaution</b>	Sensor (Thresholds)	object	Below normal range.
<b>LowerCritical</b>	Triggers (NumericThresholds)	object	Below normal range and requires attention.
	Sensor (Thresholds)	object	Below normal range but not yet fatal.
<b>LowerFatal</b>	Sensor (Thresholds)	object	Below normal range and fatal.
<b>LowerThresholdCritical</b>	Thermal (Fans)	integer	Below normal range but not yet fatal.
	Power (Voltages), Thermal (Temperatures)	number	Below normal range but not yet fatal.
<b>LowerThresholdFatal</b>	Thermal (Fans)	integer	Below normal range and is fatal.
	Power (Voltages), Thermal (Temperatures)	number	Below normal range and is fatal.
<b>LowerThresholdNonCritical</b>	Thermal (Fans)	integer	Below normal range.
	Power (Voltages), Thermal (Temperatures)	number	Below normal range.
<b>LowerWarning</b>	Triggers (NumericThresholds)	object	Below normal range.
<b>LowestSupportedVersion</b>	SoftwareInventory	string	A string representing the lowest supported version of this software.
<b>MACAddress</b>	EthernetInterface, NetworkDeviceFunction (Ethernet)	string	This is the currently configured MAC address of the interface.
<b>MTUSize</b>	EthernetInterface, NetworkDeviceFunction (Ethernet)	integer	The Maximum Transmission Unit (MTU) configured for this interface.
<b>MaintenanceWindowDurationInSeconds</b>	UpdateService (HttpPushUriOptions > HttpPushUriApplyTime)	integer	The value of this property as specified by client indicates the expiry time of maintenance window in seconds.
<b>MaintenanceWindowStartTime</b>	UpdateService (HttpPushUriOptions > HttpPushUriApplyTime)	string	The value of this property as specified by client to indicate the start time of a maintenance window.



<b>ManagedBy</b>	Chassis (Links), ComputerSystem (Links), Switch (Links)	array	An array of references to the Managers responsible for managing this resource.
<b>ManagerEthernetInterface</b>	HostInterface	object	The Redfish link to a single network interface controllers or cards (NIC) that this Manager uses for network communication with this Host Interface.
<b>ManagerForChassis</b>	Manager (Links)	array	This property is an array of references to the chassis that this manager has control over.
<b>ManagerForServers</b>	Manager (Links)	array	This property is an array of references to the systems that this manager has control over.
<b>ManagerForSwitches</b>	Manager (Links)	array	This property is an array of references to the switches that this manager has control over.
<b>ManagerInChassis</b>	Manager (Links)	object	This property is a reference to the chassis that this manager is located in.
<b>ManagerType</b>	Manager	string (enum)	This property represents the type of manager that this resource represents.
<b>Managers</b>	ServiceRoot	object	This is a link to a collection of Managers.
<b>ManagersInChassis</b>	Chassis (Links)	array	An array of references to the managers located in this Chassis.
<b>Manufacturer</b>	<i>various</i> (AccelerationFunction, Chassis ... )	string	A the manufacturer/producer of this device or resource.
<b>MapFrom</b>	AttributeRegistry (RegistryEntries > Dependencies > Dependency)	array	Array of the map-from conditions for mapping dependency.
<b>MapFromAttribute</b>	AttributeRegistry (RegistryEntries > Dependencies > Dependency > MapFrom)	string	The attribute that is used to evaluate this dependency expression.
<b>MapFromCondition</b>	AttributeRegistry (RegistryEntries > Dependencies > Dependency > MapFrom)	string (enum)	The condition that is used to evaluate this dependency expression.
<b>MapFromProperty</b>	AttributeRegistry (RegistryEntries > Dependencies > Dependency > MapFrom)	string (enum)	The meta-data property of the attribute specified in MapFromAttribute that is used to evaluate this dependency expression.
<b>MapFromValue</b>	AttributeRegistry (RegistryEntries > Dependencies > Dependency > MapFrom)	boolean, number, string	The value that the is used property specified in MapFromProperty that is used to evaluate this dependency expression.

<b>MapTerms</b>	AttributeRegistry (RegistryEntries > Dependencies > Dependency > MapFrom)	string (enum)	The logical term used to combine two or more MapFrom conditions in this dependency expression.
<b>MapToAttribute</b>	AttributeRegistry (RegistryEntries > Dependencies > Dependency)	string	The Name of the attribute that is affected by this dependency expression.
<b>MapToProperty</b>	AttributeRegistry (RegistryEntries > Dependencies > Dependency)	string (enum)	The meta-data property of the attribute specified in MapFromAttribute that is used to evaluate this dependency expression.
<b>MapToValue</b>	AttributeRegistry (RegistryEntries > Dependencies > Dependency)	boolean, number, string	The value that MapToProperty is changed to if the dependency expression evaluates to true.
<b>Mappings</b>	PrivilegeRegistry	array	This property describes the mappings between entities and the relevant privileges used to access them.
<b>MaxAllowableOperatingValue</b>	Thermal (Temperatures)	integer	Maximum allowable operating temperature for this equipment.
	Sensor	number	Maximum allowable operating value for this equipment.
<b>MaxBWAllocPercent</b>	NetworkPort (NetDevFuncMaxBWAlloc)	integer	The maximum bandwidth allocation percentage allocated to the corresponding network device function instance.
<b>MaxCompositions</b>	ResourceBlock (CompositionStatus)	integer	The maximum number of compositions in which this Resource Block is capable of participating simultaneously.
<b>MaxConcurrentSessions</b>	Manager (CommandShell), Manager (GraphicalConsole), Manager (SerialConsole)	integer	Indicates the maximum number of service sessions, regardless of protocol, this manager is able to support.
<b>MaxConsumedWatts</b>	Power (PowerControl > PowerMetrics)	number	The highest power consumption level that has occurred over the measurement window (the last IntervallInMin minutes).
<b>MaxDeviceLogins</b>	NetworkAdapter (Controllers > ControllerCapabilities > NPIV)	integer	The maximum number of N_Port ID Virtualization (NPIV) logins allowed simultaneously from all ports on this controller.
<b>MaxExecutionTime</b>	Job	string	The maximum amount of time the job is allowed to execute.
<b>MaxFrameSize</b>	NetworkPort	integer	The maximum frame size supported by the port.
<b>MaxIPv6StaticAddresses</b>	EthernetInterface	integer	This indicates the maximum number of Static IPv6 addresses that can be configured on this interface.

<b>MaxImageSizeBytes</b>	UpdateService	integer	The maximum size in bytes of the software update image that this service supports.
<b>MaxJobs</b>	JobService (ServiceCapabilities)	integer	Maximum number of Jobs supported.
<b>MaxLanes</b>	PCIeDevice (PCIInterface), Processor (FPGA > ExternalInterfaces > Ethernet), Processor (FPGA > HostInterface > Ethernet)	integer	This is the number of lanes supported by this interface.
<b>MaxLength</b>	AttributeRegistry (RegistryEntries > Attributes)	integer	The maximum character length of the value of an attribute of type 'String'.
<b>MaxLevels</b>	ServiceRoot (ProtocolFeaturesSupported > ExpandQuery)	integer	This indicates the maximum number value of the \$levels qualifier in \$expand operations.
<b>MaxNumberOfRecords</b>	LogService	integer	The maximum number of log entries this service can have.
<b>MaxPCleType</b>	PCIeDevice (PCIInterface)	string (enum)	The highest version of the PCIe specification supported by this device.
<b>MaxPassphraseCount</b>	Memory (SecurityCapabilities)	integer	Maximum number of passphrases supported for this Memory.
<b>MaxPasswordLength</b>	AccountService	integer	The maximum password length for this service.
<b>MaxPortLogins</b>	NetworkAdapter (Controllers > ControllerCapabilities > NPIV)	integer	The maximum number of N_Port ID Virtualization (NPIV) logins allowed per physical port on this controller.
<b>MaxReadingRange</b>	Thermal (Fans)	integer	Maximum value for Reading.
	MetricDefinition	number	Maximum value for metric reading.
	Power (Voltages)	number	Maximum value for this Voltage sensor.
<b>MaxReadingRangeTemp</b>	Thermal (Temperatures)	number	Maximum value for ReadingCelsius.
<b>MaxReports</b>	TelemetryService	integer	The maximum number of metric reports supported by this service.
<b>MaxSpeedGbps</b>	Port	number	The maximum speed of this port as currently configured.
<b>MaxSpeedMHz</b>	Processor	integer	The maximum clock speed of the processor.
<b>MaxSpeedMbps</b>	Processor (FPGA > ExternalInterfaces > Ethernet), Processor (FPGA > HostInterface > Ethernet)	integer	The maximum speed supported by this interface.
<b>MaxSteps</b>	JobService	integer	Maximum number of Job Steps

	(ServiceCapabilities)		supported.
<b>MaxTDPMilliWatts</b>	Memory	array	Maximum TDPs in milli Watts.
	Memory (PowerManagementPolicy)	integer	Maximum TDP in milli watts.
<b>MaxTDPWatts</b>	Processor	integer	The maximum Thermal Design Power (TDP) in watts.
<b>MaxVirtualFunctions</b>	NetworkDeviceFunction	integer	The number of virtual functions (VFs) that are available for this Network Device Function.
<b>MaxZones</b>	Fabric	integer	The value of this property shall contain the maximum number of zones the switch can currently configure.
<b>MaximumFrequencyHz</b>	Power (PowerSupplies > InputRanges)	number	The maximum line input frequency at which this power supply input range is effective.
<b>MaximumValue</b>	ActionInfo (Parameters)	number	The maximum supported value of this parameter.
<b>MaximumVoltage</b>	Power (PowerSupplies > InputRanges)	number	The maximum line input voltage at which this power supply input range is effective.
<b>MediaType</b>	Drive	string (enum)	The type of media contained in this drive.
<b>MediaTypes</b>	VirtualMedia	array	This is the media types supported as virtual media.
<b>MemberId</b>	Assembly (Assemblies), Event (Events), Power (PowerControl), Power (PowerSupplies), Power (Voltages), Storage (StorageControllers), Thermal (Fans), Thermal (Temperatures)	string	This is the identifier for the member within the collection.
<b>Members</b>	<i>various</i> (AccelerationFunctionCollection,  BootOptionCollection ... )	array	Contains the members of this collection.
<b>Members@odata.nextLink</b>	<i>various</i> (AccelerationFunctionCollection,  BootOptionCollection ... )	string	The URI to the resource containing the next set of partial members.
<b>Memory</b>	ResourceBlock	array	An array of references to the Memory available in this Resource Block.
	ComputerSystem	object	A reference to the collection of Memory associated with this system.
	MemoryChunks (InterleaveSets)	object	Describes a memory device of the interleave set.

<b>MemoryChunkSizeMiB</b>	MemoryChunks	integer	Size of the memory chunk measured in mebibytes (MiB).
<b>MemoryChunks</b>	MemoryDomain	object	A reference to the collection of Memory Chunks associated with this Memory Domain.
<b>MemoryClassification</b>	Memory (Regions)	string (enum)	Classification of memory occupied by the given memory region.
<b>MemoryController</b>	Memory (MemoryLocation)	integer	Memory controller number in which Memory is connected.
<b>MemoryDeviceType</b>	Memory	string (enum)	Type details of the Memory.
<b>MemoryDomains</b>	ComputerSystem	object	A reference to the collection of Memory Domains associated with this system.
<b>MemoryLevel</b>	MemoryChunks (InterleaveSets)	integer	Level of the interleave set for multi-level tiered memory.
<b>MemoryLocation</b>	Memory	object	Memory connection information to sockets and memory controllers.
<b>MemoryMedia</b>	Memory	array	Media of this Memory.
<b>MemoryMirroring</b>	ComputerSystem (MemorySummary)	string (enum)	The ability and type of memory mirroring supported by this system.
<b>MemorySet</b>	MemoryDomain (InterleavableMemorySets)	array	This is the collection of memory for a particular interleave set.
<b>MemoryStallCount</b>	ProcessorMetrics (CoreMetrics)	number	The number of stalled cycles due to memory operations.
<b>MemorySubsystemControllerManufacturerID</b>	Memory	string	The manufacturer ID of the memory subsystem controller of this memory module.
<b>MemorySubsystemControllerProductID</b>	Memory	string	The product ID of the memory subsystem controller of this memory module.
<b>MemorySummary</b>	ComputerSystem	object	This object describes the central memory of the system in general detail.
<b>MemoryType</b>	Memory	string (enum)	The type of Memory.
	Processor (ProcessorMemory)	string (enum)	The type of memory used by this processor.
<b>MenuName</b>	AttributeRegistry (RegistryEntries > Menus)	string	The unique name string of this menu.
<b>MenuPath</b>	AttributeRegistry (RegistryEntries > Attributes)	string	A path that describes the menu hierarchy of this attribute.
	AttributeRegistry (RegistryEntries > Menus)	string	A path that describes this menu hierarchy relative to other menus.

<b>Menus</b>	AttributeRegistry (RegistryEntries)	array	The array containing the attributes menus and their hierarchy.
<b>Message</b>	Job (Messages), Task (Messages)	object	This type describes a Message returned by the Redfish service.
	Event (Events)	string	This is the human readable message, if provided.
	LogEntry	string	This property decodes from EntryType. If the EntryType is Event, then it is a message string. Otherwise, it is SEL or OEM specific. In most cases, this will be the actual Log Entry.
<b>MessageArgs</b>	LogEntry	array	The values of this property shall be any arguments for the message.
	Event (Events)	array	This array of message arguments are substituted for the arguments in the message when looked up in the message registry.
<b>MessageId</b>	EventService (SSEFilterPropertiesSupported)	boolean	This indicates if the MessageId property is supported.
	Event (Events)	string	This is the key for this message which can be used to look up the message in a message registry.
	LogEntry	string	This property decodes from EntryType. If the EntryType is Event, then it is a message id. If the EntryType is SEL, then it contains the Event Data. Otherwise, it is OEM specific. This value is only used for registries - for more information, see the specification.
<b>MessageIds</b>	EventDestination	array	A list of MessageIds that the service will only send. If this property is absent or the array is empty, then Events with any MessageId will be sent to the subscriber.
<b>Messages</b>	Job	array	This is an array of messages associated with the job.
	Task	array	This is an array of messages associated with the task.
	MessageRegistry	object	The pattern property indicates that a free-form string is the unique identifier for the message within the registry.
<b>MetricDataType</b>	MetricDefinition	string (enum)	The data type of the metric.
<b>MetricDefinition</b>	MetricReport (MetricValues)	object	A link to the Metric Definition.

<b>MetricDefinitions</b>	TelemetryService	object	A link to the collection of Metric Definitions.
<b>MetricId</b>	MetricReportDefinition (Metrics)	string	Specifies the label for the metric definition which is derived by applying the CollectionFunction to the metric property.
	MetricReport (MetricValues)	string	The metric definitions identifier for this metric.
<b>MetricProperties</b>	MetricReportDefinition (Metrics)	array	A collection of URI for the properties on which this metric is collected.
	MetricDefinition	array	A list of URIs with wildcards and property identifiers for which this metric definition is defined. If a URI has wildcards, the wildcards are substituted as specified in the Wildcards array property.
	Triggers	array	A list of URIs with wildcards and property identifiers for which this trigger is defined. If a URI has wildcards, the wildcards are substituted as specified in the Wildcards array property.
	MetricReportDefinition	array	A list of URIs with wildcards and property identifiers to include in the metric report. If a URI has wildcards, the wildcards are substituted as specified in the Wildcards array property.
<b>MetricProperty</b>	MetricReport (MetricValues)	string	The URI for the property from which this metric is derived.
<b>MetricReport</b>	MetricReportDefinition	object	Specifies the location where the resultant metric report is placed.
<b>MetricReportDefinition</b>	EventService (SSEFilterPropertiesSupported)	boolean	This indicates if the MetricReportDefinition property is supported.
	MetricReport	object	The metric definitions used to create a metric report.
<b>MetricReportDefinitionEnabled</b>	MetricReportDefinition	boolean	This indicates whether this MetricReportDefinition is enabled.
<b>MetricReportDefinitionType</b>	MetricReportDefinition	string (enum)	Specifies when the metric report is generated.
<b>MetricReportDefinitions</b>	Triggers (Links)	array	The metric report definitions that will generate new metric reports when a trigger occurs when the TriggerActions property contains the value RedfishMetricReport.
	TelemetryService	object	A link to the collection of Metric Report Definitions.
<b>MetricReportHeartbeatInterval</b>	MetricReportDefinition	string	This property specifies an interval

			to send complete MetricReport regardless of whether values have changed. It is used in addition to the ReccurranceInterval where SuppressRepeatedMetricValue is Enabled and the Redfish client desired to be refreshed with metric data occasionally regardless of whether the data is changed or not.
<b>MetricReports</b>	TelemetryService	object	A link to the collection of Metric Reports.
<b>MetricType</b>	MetricDefinition	string (enum)	The type of metric.
	Triggers	string (enum)	The type of trigger.
<b>MetricValue</b>	MetricReport (MetricValues)	string	The value identifies this resource.
<b>MetricValues</b>	MetricReport	array	An array of metric values for the metered items of this Metric.
<b>Metrics</b>	MetricReportDefinition	array	Specifies a list of metrics to include in the metric report. The metrics may include metric properties or calculations applied to a metric property.
	ComputerSystem (ProcessorSummary)	object	A reference to the Metrics associated with all Processors in this system.
	Memory	object	A reference to the Metrics associated with this Memory.
	Processor	object	A reference to the Metrics associated with this Processor.
<b>MicrocodeInfo</b>	Processor (ProcessorId)	string	The Microcode Information for this processor.
<b>MinAllowableOperatingValue</b>	Thermal (Temperatures)	integer	Minimum allowable operating temperature for this equipment.
	Sensor	number	Minimum allowable operating value for this equipment.
<b>MinAssignmentGroupSize</b>	NetworkAdapter (Controllers > ControllerCapabilities > VirtualizationOffload > VirtualFunction)	integer	The minimum number of Virtual Functions (VFs) that can be allocated or moved between physical functions for this controller.
<b>MinBWAllocPercent</b>	NetworkPort (NetDevFuncMinBWAlloc)	integer	The minimum bandwidth allocation percentage allocated to the corresponding network device function instance.
<b>MinCollectionInterval</b>	TelemetryService	string	The minimum time interval between collections supported by this service.



<b>MinConsumedWatts</b>	Power (PowerControl > PowerMetrics)	number	The lowest power consumption level over the measurement window (the last IntervallInMin minutes).
<b>MinLength</b>	AttributeRegistry (RegistryEntries > Attributes)	integer	The minimum character length of the value of an attribute of type 'String'.
<b>MinPasswordLength</b>	AccountService	integer	The minimum password length for this service.
<b>MinReadingRange</b>	Thermal (Fans)	integer	Minimum value for Reading.
	MetricDefinition	number	Minimum value for metric reading.
	Power (Voltages)	number	Minimum value for this Voltage sensor.
<b>MinReadingRangeTemp</b>	Thermal (Temperatures)	number	Minimum value for ReadingCelsius.
<b>MinimumFrequencyHz</b>	Power (PowerSupplies > InputRanges)	number	The minimum line input frequency at which this power supply input range is effective.
<b>MinimumValue</b>	ActionInfo (Parameters)	number	The minimum supported value for this parameter.
<b>MinimumVoltage</b>	Power (PowerSupplies > InputRanges)	number	The minimum line input voltage at which this power supply input range is effective.
<b>Model</b>	<i>various</i> (Assembly (Assemblies), Chassis ... )	string	Model number for this product or device.
<b>ModifyRedundancySet (Action)</b>	Manager (Actions)	object	The ModifyRedundancySet operation is used to add or remove members to a redundant group of manager.
<b>ModuleManufacturerID</b>	Memory	string	The manufacturer ID of this memory module.
<b>ModuleProductID</b>	Memory	string	The product ID of this memory module.
<b>MutualCHAPSecret</b>	NetworkDeviceFunction (iSCSIBoot)	string	The CHAP Secret for 2-way CHAP authentication.
<b>MutualCHAPUsername</b>	NetworkDeviceFunction (iSCSIBoot)	string	The CHAP Username for 2-way CHAP authentication.
<b>MutuallyExclusiveEndpoints</b>	Endpoint (Links)	array	An array of references to the endpoints that may not be used in zones if this endpoint is used in a zone.
<b>NPAR</b>	NetworkAdapter (Controllers > ControllerCapabilities)	object	NIC Partitioning (NPAR) capabilities for this controller.
<b>NPIV</b>	NetworkAdapter (Controllers > ControllerCapabilities)	object	N_Port ID Virtualization (NPIV) capabilities for this controller.

<b>NTP</b>	ManagerNetworkProtocol	object	Settings for this Manager's NTP protocol support.
<b>NTPServers</b>	ManagerNetworkProtocol (NTP)	array	Indicates to which NTP servers this manager is subscribed.
<b>Name</b>	<i>various</i> (AccelerationFunction, AccelerationFunctionCollection ... )	string	Name of the resource as assigned by the Redfish Service.
<b>NameServers</b>	EthernetInterface	array	This represents DNS name servers that are currently in use on this interface.
<b>NegotiatedSpeedGbs</b>	Drive	number	The speed which this drive is currently communicating to the storage controller in Gigabits per second.
<b>NetDevFuncCapabilities</b>	NetworkDeviceFunction	array	Capabilities of this network device function.
<b>NetDevFuncMaxBWAlloc</b>	NetworkPort	array	The array of maximum bandwidth allocation percentages for the Network Device Functions associated with this port.
<b>NetDevFuncMinBWAlloc</b>	NetworkPort	array	The array of minimum bandwidth allocation percentages for the Network Device Functions associated with this port.
<b>NetDevFuncType</b>	NetworkDeviceFunction	string (enum)	The configured capability of this network device function.
<b>NetworkAdapter</b>	NetworkInterface (Links)	object	A reference to the NetworkAdapter which contains this NetworkInterface.
<b>NetworkAdapters</b>	Chassis	object	A reference to the collection of Network Adapters associated with this chassis.
<b>NetworkDeviceFunction</b>	Endpoint (Links)	array	When NetworkDeviceFunction resources are present, this array contains references to the network device function that connect to this endpoint.
	NetworkPort (NetDevFuncMaxBWAlloc), NetworkPort (NetDevFuncMinBWAlloc)	object	A reference to the NetworkDeviceFunction associated with this bandwidth setting of this Network Port.
<b>NetworkDeviceFunctionCount</b>	NetworkAdapter (Controllers > ControllerCapabilities)	integer	The maximum number of physical functions available on this controller.
<b>NetworkDeviceFunctions</b>	PCIeFunction (Links)	array	An array of references to the Network Device Functions which the PCIe device produces.
	NetworkAdapter (Controllers > Links)	array	An array of references to the NetworkDeviceFunctions

			associated with this Network Controller.
	NetworkAdapter	object	A reference to the collection of NetworkDeviceFunctions associated with this NetworkAdapter.
	NetworkInterface	object	A reference to the collection of NetworkDeviceFunctions associated with this NetworkInterface.
<b>NetworkInterfaces</b>	ResourceBlock	array	An array of references to the Network Interfaces available in this Resource Block.
	ComputerSystem	object	A reference to the collection of Network Interfaces associated with this system.
<b>NetworkPortCount</b>	NetworkAdapter (Controllers > ControllerCapabilities)	integer	The number of physical ports on this controller.
<b>NetworkPortMaxCount</b>	NetworkAdapter (Controllers > ControllerCapabilities > VirtualizationOffload > VirtualFunction)	integer	The maximum number of Virtual Functions (VFs) supported per network port for this controller.
<b>NetworkPorts</b>	NetworkAdapter (Controllers > Links)	array	An array of references to the NetworkPorts associated with this Network Controller.
	NetworkAdapter	object	A reference to the collection of NetworkPorts associated with this NetworkAdapter.
	NetworkInterface	object	A reference to the collection of NetworkPorts associated with this NetworkInterface.
<b>NetworkProtocol</b>	HostInterface	object	The Redfish link to the network services and their settings that the Manager controls. It is here that clients will find network configuration options as well as network services.
	Manager	object	This is a reference to the network services and their settings that the manager controls. It is here that clients will find network configuration options as well as network services.
<b>NoLinks</b>	ServiceRoot (ProtocolFeaturesSupported > ExpandQuery)	boolean	This indicates whether the \$expand support of period (expand only entries not in the Links section) is supported.
<b>NonVolatileSizeMiB</b>	Memory	integer	Total size of the non-volatile portion memory in MiB.
<b>NotifyIPv6Scope</b>	ManagerNetworkProtocol (SSDP)	string (enum)	Indicates the scope for the IPv6 Notify messages for SSDP.

<b>NotifyMulticastIntervalSeconds</b>	ManagerNetworkProtocol (SSDP)	integer	Indicates how often the Multicast is done from this service for SSDP.
<b>NotifyTTL</b>	ManagerNetworkProtocol (SSDP)	integer	Indicates the time to live hop count for SSDPs Notify messages.
<b>NparCapable</b>	NetworkAdapter (Controllers > ControllerCapabilities > NPAR)	boolean	Indicates whether or not NIC function partitioning is supported by a controller.
<b>NparEnabled</b>	NetworkAdapter (Controllers > ControllerCapabilities > NPAR)	boolean	When true, NIC function partitioning is active on this controller.
<b>NumberDiscoveredRemotePorts</b>	NetworkPort	integer	The number of ports not on this adapter that this port has discovered.
<b>NumberOfCompositions</b>	ResourceBlock (CompositionStatus)	integer	The number of compositions in which this Resource Block is currently participating.
<b>NumericThresholds</b>	Triggers	object	Specifies the thresholds when a numeric metric triggers.
<b>OEMPrivilegesUsed</b>	PrivilegeRegistry	array	Lists the set of OEM Privileges used in building this mapping.
<b>ObjectDataType</b>	ActionInfo (Parameters)	string	The OData Type of an object-based parameter.
<b>OccupancyBytes</b>	ProcessorMetrics (Cache), ProcessorMetrics (CoreMetrics > CoreCache)	integer	The total cache level occupancy in bytes.
<b>OccupancyPercent</b>	ProcessorMetrics (Cache), ProcessorMetrics (CoreMetrics > CoreCache)	number	The total cache occupancy percentage.
<b>Oem</b>	<i>various</i> (AccelerationFunction (Links), AccelerationFunction ... )	object	The OEM extension object.
<b>OemLogEntryCode</b>	LogEntry	string	If the LogEntryCode type is OEM, this will contain the OEM-specific entry code.
<b>OemPrivileges</b>	Role	array	The OEM privileges that this role includes.
<b>OemRecordFormat</b>	LogEntry	string	If the EntryType is Oem, this will contain more information about the record format from the Oem.
<b>OemSensorType</b>	LogEntry	string	If the Sensor Type is OEM, this will contain the OEM-specific sensor type.
<b>OffsetMiB</b>	Memory (Regions)	integer	Offset within the Memory that corresponds to the starting of this memory region in mebibytes (MiB).

	MemoryChunks (InterleaveSets)	integer	Offset within the DIMM that corresponds to the start of this memory region, measured in mebibytes (MiB).
<b>OnlyMemberQuery</b>	ServiceRoot (ProtocolFeaturesSupported)	boolean	This indicates whether the 'only' query parameter is supported.
<b>OperatingMemoryModes</b>	Memory	array	Memory modes supported by the Memory.
<b>OperatingMode</b>	EthernetInterface (DHCPv6)	string (enum)	Determines the DHCPv6 operating mode for this interface.
<b>OperatingSpeedMhz</b>	Memory	integer	Operating speed of Memory in MHz or MT/s as appropriate.
<b>OperationMap</b>	PrivilegeRegistry (Mappings)	object	List mapping between HTTP method and privilege required for entity.
	PrivilegeRegistry (Mappings > PropertyOverrides), PrivilegeRegistry (Mappings > ResourceURIOverrides), PrivilegeRegistry (Mappings > SubordinateOverrides)	object	List mapping between HTTP operation and privilege needed to perform operation.
<b>OperationName</b>	Drive (Operations), Volume (Operations)	string	The name of the operation.
<b>Operations</b>	Drive	array	The operations currently running on the Drive.
	Volume	array	The operations currently running on the Volume.
<b>OptimumIOSizeBytes</b>	Volume	number	The size in bytes of this Volume's optimum IO size.
<b>Organization</b>	Certificate (Issuer), Certificate (Subject)	string	The name of the organization of the entity.
<b>OrganizationalUnit</b>	Certificate (Issuer), Certificate (Subject)	string	The name of the unit or division of the organization of the entity.
<b>OriginOfCondition</b>	Event (Events)	object	This indicates the resource that originated the condition that caused the event to be generated.
	LogEntry (Links)	object	This is the URI of the resource that caused the log entry.
<b>OriginResource</b>	EventService (SSEFilterPropertiesSupported)	boolean	This indicates if the OriginResource property is supported.
<b>OriginResources</b>	EventDestination	array	A list of resources for which the service will only send related events. If this property is absent or the array is empty, then Events originating from any resource will be sent to the subscriber.
<b>OutputWattage</b>	Power (PowerSupplies >	number	The maximum capacity of this

	InputRanges)		Power Supply when operating in this input range.
<b>OverWritePolicy</b>	LogService	string (enum)	The overwrite policy for this service that takes place when the log is full.
<b>OverwriteUnit (Action)</b>	Memory (Actions)	object	This defines the action for securely erasing given regions using the NIST SP800-88 Purge: Overwrite.
<b>OwningEntity</b>	AttributeRegistry, MessageRegistry	string	This is the organization or company that publishes this registry.
<b>PATCH</b>	PrivilegeRegistry (Mappings > OperationMap), PrivilegeRegistry (Mappings > PropertyOverrides > OperationMap), PrivilegeRegistry (Mappings > ResourceURIOverrides > OperationMap), PrivilegeRegistry (Mappings > SubordinateOverrides > OperationMap)	array	Indicates privilege required for HTTP PATCH operation.
<b>PCle</b>	Processor (FPGA > ExternalInterfaces), Processor (FPGA > HostInterface)	object	Describes the PCI-e related information about this FPGA interface.
<b>PCleDevice</b>	PCleSlots (Slots > Links)	array	An array of references to the PCle Devices contained in this slot.
	Processor (Links)	object	A reference to the PCleDevice associated with this Processor.
	PCleFunction (Links)	object	A reference to the PCleDevice on which this function resides.
<b>PCleDevices</b>	ComputerSystem	array	A reference to a collection of PCle Devices used by this computer system.
	Chassis (Links)	array	An array of references to the PCle Devices located in this Chassis.
	NetworkAdapter (Controllers > Links)	array	An array of references to the PCleDevices associated with this Network Controller.
<b>PCleFunction</b>	NetworkDeviceFunction (Links)	object	A reference to the PCleFunction associated with this Network Device Function.
<b>PCleFunctions</b>	ComputerSystem	array	A reference to a collection of PCle Functions used by this computer system.
	PCleDevice (Links)	array	An array of references to PCleFunctions exposed by this device.
	Drive (Links)	array	An array of references to the PCle

			Functions which the drive produces.
	Storage (StorageControllers > Links)	array	An array of references to the PCIe Functions which the storage controller produces.
	Processor (Links)	array	An array of references to the PCIeFunctions associated with this Processor.
	AccelerationFunction (Links)	array	An array of references to the PCIeFunctions associated with this acceleration function.
<b>PCIeInterface</b>	PCIeDevice	object	The PCIe interface details for this PCIe device.
	NetworkAdapter (Controllers), Storage (StorageControllers)	object	The PCIe interface details for this controller.
<b>PCIeSlots</b>	Chassis	object	A reference to the PCIe Slot properties of this chassis.
<b>PCIeType</b>	PCIeDevice (PCIeInterface)	string (enum)	The version of the PCIe specification in use by this device.
	PCIeSlots (Slots)	string (enum)	This is the PCIe specification supported by this slot.
<b>PCIeVirtualFunctions</b>	Processor (FPGA)	integer	The number of the PCIe Virtual Functions.
<b>POST</b>	PrivilegeRegistry (Mappings > OperationMap), PrivilegeRegistry (Mappings > PropertyOverrides > OperationMap), PrivilegeRegistry (Mappings > ResourceURIOverrides > OperationMap), PrivilegeRegistry (Mappings > SubordinateOverrides > OperationMap)	array	Indicates privilege required for HTTP POST operation.
<b>PUT</b>	PrivilegeRegistry (Mappings > OperationMap), PrivilegeRegistry (Mappings > PropertyOverrides > OperationMap), PrivilegeRegistry (Mappings > ResourceURIOverrides > OperationMap), PrivilegeRegistry (Mappings > SubordinateOverrides > OperationMap)	array	Indicates privilege required for HTTP PUT operation.
<b>Parameters</b>	ActionInfo	array	The parameters associated with the specified Redfish Action.
<b>Parity</b>	SerialInterface	string (enum)	The type of parity used by the sender and receiver in order to detect errors over the serial connection.

<b>PartNumber</b>	<i>various</i> (Assembly (Assemblies), Chassis ... )	string	Part number for this resource or device.
<b>PassphraseCapable</b>	Memory (SecurityCapabilities)	boolean	Memory passphrase set capability.
<b>PassphraseEnabled</b>	Memory (Regions)	boolean	Indicates if the passphrase is enabled for this region.
<b>PassphraseLockLimit</b>	Memory (SecurityCapabilities)	integer	Maximum number of incorrect passphrase attempts allowed before memory is locked.
<b>PassphraseState</b>	Memory (Regions)	boolean	State of the passphrase for this region.
<b>Password</b>	VirtualMedia	string	The password to be used when accessing the URI specified by the Image parameter. This property is null on a GET.
	Session	string	This property is used in a POST to specify a password when creating a new session. This property is null on a GET.
	AccountService (ActiveDirectory > Authentication), AccountService (LDAP > Authentication), ExternalAccountProvider (Authentication)	string	This property is used with a PATCH or PUT to write the password for the account service. This property is null on a GET.
	ManagerAccount	string	This property is used with a PATCH or PUT to write the password for the account. This property is null on a GET.
<b>PasswordChangeRequired</b>	ManagerAccount	boolean	Indicates that the password for this account must be changed. The service requires the password to be changed before access is allowed.
<b>Payload</b>	Job	object	The HTTP and JSON payload details for this job.
	Task	object	The HTTP and JSON payload details for this task.
<b>PciClassCode</b>	Endpoint (ConnectedEntities)	string	The Class Code, Subclass code, and Programming Interface code of this PCIe function.
<b>PciFunctionNumber</b>	Endpoint (ConnectedEntities)	integer	The PCI ID of the connected entity.
<b>Pcild</b>	Endpoint	object	The PCI ID of the endpoint.
<b>PeakPowerBudgetMilliWatts</b>	Memory (PowerManagementPolicy)	integer	Peak power budget in milli watts.
<b>PeakReading</b>	Sensor	number	The peak reading value for this sensor.



<b>PeakReadingTime</b>	Sensor	string	The time at which the Peak Reading value occurred.
<b>PercentComplete</b>	Task	integer	The completion percentage of this Task.
	Job	integer	The completion percentage of this job.
<b>PercentageComplete</b>	Drive (Operations)	integer	The percentage of the operation that has been completed.
	Volume (Operations)	number	The percentage of the operation that has been completed.
<b>PerformanceDegraded</b>	MemoryMetrics (HealthData)	boolean	Performance degraded mode status.
<b>PermanentMACAddress</b>	EthernetInterface	string	This is the permanent MAC address assigned to this interface (port).
	NetworkDeviceFunction (Ethernet)	string	This is the permanent MAC address assigned to this network device function (physical function).
<b>PermanentWWNN</b>	NetworkDeviceFunction (FibreChannel)	string	This is the permanent WWNN address assigned to this network device function (physical function).
<b>PermanentWWPN</b>	NetworkDeviceFunction (FibreChannel)	string	This is the permanent WWPN address assigned to this network device function (physical function).
<b>PersistentCacheSizeMiB</b>	Storage (StorageControllers > CacheSummary)	integer	The portion of the cache memory that is persistent, measured in MiB.
<b>PersistentRegionNumberLimit</b>	Memory	integer	Total number of persistent regions this Memory can support.
<b>PersistentRegionSizeLimitMiB</b>	Memory	integer	Total size of persistent regions in mebibytes (MiB).
<b>PersistentRegionSizeMaxMiB</b>	Memory	integer	Maximum size of a single persistent region in mebibytes (MiB).
<b>PhysicalContext</b>	Thermal (Fans)	string (enum)	Describes the area or device associated with this fan.
	Assembly (Assemblies)	string (enum)	Describes the area or device to which this assembly data applies.
	Sensor	string (enum)	Describes the area or device to which this sensor measurement applies.
	Thermal (Temperatures)	string (enum)	Describes the area or device to which this temperature measurement applies.
	Power (Voltages)	string (enum)	Describes the area or device to which this voltage measurement applies.

	Power (PowerControl)	string (enum)	Describes the area, device, or set of devices to which this power control applies.
	MetricDefinition	string (enum)	Specifies the physical context of the metric.
<b>PhysicalLocation</b>	Drive	object	The Location of the drive.
<b>PhysicalPortAssignment</b>	NetworkDeviceFunction (Links), NetworkDeviceFunction	object	The physical port that this network device function is currently assigned to.
<b>PhysicalPortNumber</b>	NetworkPort	string	The physical port number label for this port.
<b>PhysicalSecurity</b>	Chassis	object	The state of the physical security sensor.
<b>PhysicalSubContext</b>	Sensor	string (enum)	Describes the usage or location within a device to which this sensor measurement applies.
<b>PinOut</b>	SerialInterface	string (enum)	The physical pin configuration needed for a serial connector.
<b>PolicyEnabled</b>	Memory (PowerManagementPolicy)	boolean	Power management policy enabled status.
<b>Port</b>	<i>various</i> (ManagerNetworkProtocol (DHCP), ManagerNetworkProtocol (DHCPv6) ... )	integer	Indicates the protocol port.
	Endpoint (IPTransportDetails)	number	The UDP or TCP port number used by the Endpoint.
<b>PortId</b>	Port	string	This is the label of this port on the physical package for this port.
<b>PortMaximumMTU</b>	NetworkPort	integer	The largest maximum transmission unit (MTU) that can be configured for this network port.
<b>PortProtocol</b>	Port	string (enum)	The protocol being sent over this port.
<b>PortType</b>	Port	string (enum)	This is the type of this port.
<b>Ports</b>	Endpoint (Links)	array	An array of references to the the physical ports associated with this endpoint.
	Switch	object	A collection of references to the ports for this switch.
	Storage (StorageControllers)	object	This object describes the Ports that exist on the storage controller.
<b>Power</b>	Chassis	object	A reference to the power properties (power supplies, power policies, sensors) of this chassis.

<b>PowerAllocatedWatts</b>	Power (PowerControl)	number	The total amount of power that has been allocated (or budgeted) to chassis resources.
<b>PowerAvailableWatts</b>	Power (PowerControl)	number	The amount of power not already budgeted and therefore available for additional allocation. (powerCapacity - powerAllocated). This indicates how much reserve power capacity is left.
<b>PowerCapacityWatts</b>	Power (PowerSupplies)	number	The maximum capacity of this Power Supply.
	Power (PowerControl)	number	The total amount of power available to the chassis for allocation. This may be the power supply capacity, or power budget assigned to the chassis from an up-stream chassis.
<b>PowerConsumedWatts</b>	Power (PowerControl)	number	The actual power being consumed by the chassis.
<b>PowerControl</b>	Power	array	This is the definition for power control function (power reading/limiting).
<b>PowerFactor</b>	Sensor	number	The power factor for this Sensor.
<b>PowerInputWatts</b>	Power (PowerSupplies)	number	The measured input power of this Power Supply.
<b>PowerLimit</b>	Power (PowerControl)	object	Power limit status and configuration information for this chassis.
<b>PowerManagementPolicy</b>	Memory	object	Power management policy information.
<b>PowerMetrics</b>	Power (PowerControl)	object	Power readings for this chassis.
<b>PowerOutputWatts</b>	Power (PowerSupplies)	number	The measured output power of this Power Supply.
<b>PowerRequestedWatts</b>	Power (PowerControl)	number	The potential power that the chassis resources are requesting which may be higher than the current level being consumed since requested power includes budget that the chassis resource wants for future use.
<b>PowerRestorePolicy</b>	ComputerSystem	string (enum)	The desired power state of the system when power is restored after a power loss.
<b>PowerState</b>	Chassis	string (enum)	The current power state of the chassis.
	Manager	string (enum)	This is the current power state of the Manager.
	Switch	string (enum)	This is the current power state of the switch.

	ComputerSystem	string (enum)	This is the current power state of the system.
<b>PowerSupplies</b>	Power	array	Details of the power supplies associated with this system or device.
<b>PowerSupplyType</b>	Power (PowerSupplies)	string (enum)	The Power Supply type (AC or DC).
<b>PowerWatts</b>	AccelerationFunction	integer	The acceleration function power consumption.
<b>PoweredBy</b>	Chassis (Links)	array	An array of ID[s] of resources that power this chassis. Normally the ID will be a chassis or a specific set of Power Supplies.
	ComputerSystem (Links)	array	An array of ID[s] of resources that power this computer system. Normally the ID will be a chassis or a specific set of Power Supplies.
<b>Precedence</b>	EthernetInterface (IPv6AddressPolicyTable)	integer	The IPv6 Precedence (as defined in RFC 6724 section 2.1).
<b>Precision</b>	MetricDefinition	integer	Number of significant digits in the metric reading.
	Sensor	number	Number of significant digits in the Reading.
<b>PredictedMediaLifeLeftPercent</b>	Drive, MemoryMetrics (HealthData)	number	The percentage of reads and writes that are predicted to still be available for the media.
<b>Prefix</b>	EthernetInterface (IPv6AddressPolicyTable)	string	The IPv6 Address Prefix (as defined in RFC 6724 section 2.1).
<b>PrimaryDNS</b>	NetworkDeviceFunction (iSCSIBoot)	string	The IPv6 or IPv4 address of the primary DNS server for the iSCSI boot initiator.
<b>PrimaryLUN</b>	NetworkDeviceFunction (iSCSIBoot)	integer	The logical unit number (LUN) for the primary iSCSI boot target.
<b>PrimaryTargetIPAddress</b>	NetworkDeviceFunction (iSCSIBoot)	string	The IP address (IPv6 or IPv4) for the primary iSCSI boot target.
<b>PrimaryTargetName</b>	NetworkDeviceFunction (iSCSIBoot)	string	The name of the iSCSI primary boot target.
<b>PrimaryTargetTCPPort</b>	NetworkDeviceFunction (iSCSIBoot)	integer	The TCP port for the primary iSCSI boot target.
<b>PrimaryVLANEnable</b>	NetworkDeviceFunction (iSCSIBoot)	boolean	This indicates if the primary VLAN is enabled.
<b>PrimaryVLANId</b>	NetworkDeviceFunction (iSCSIBoot)	integer	The 802.1q VLAN ID to use for iSCSI boot from the primary target.
<b>Privilege</b>	<i>various</i> (PrivilegeRegistry (Mappings > OperationMap > DELETE),	array	Lists the privileges that are allowed to perform the given type of HTTP operation on the entity

	PrivilegeRegistry (Mappings > OperationMap > GET) ... )		type.
<b>PrivilegeMap</b>	AccountService	object	A reference to the Privilege mapping that defines the privileges needed to perform a requested operation on a URI associated with this service.
<b>PrivilegesUsed</b>	PrivilegeRegistry	array	Lists the set of Redfish standard privileges used in building this mapping.
<b>ProcessorArchitecture</b>	Processor	string (enum)	The architecture of the processor.
<b>ProcessorId</b>	Processor	object	Identification information for this processor.
<b>ProcessorMemory</b>	Processor	array	The memory directly attached or integrated within this Processor.
<b>ProcessorSummary</b>	ComputerSystem	object	This object describes the central processors of the system in general detail.
<b>ProcessorType</b>	Processor	string (enum)	The type of processor.
<b>Processors</b>	ResourceBlock	array	An array of references to the Processors available in this Resource Block.
	Chassis (Links)	array	An array of references to the Processors located in this Chassis.
	ComputerSystem	object	A reference to the collection of Processors associated with this system.
<b>Producer</b>	Assembly (Assemblies)	string	Producer or manufacturer of the Assembly.
<b>Product</b>	ServiceRoot	string	The product associated with this Redfish service.
<b>ProductName</b>	AttributeRegistry (SupportedSystems)	string	The product name of the system.
<b>ProductionDate</b>	Assembly (Assemblies)	string	Production date of the Assembly.
<b>ProgrammableFromHost</b>	Processor (FPGA)	boolean	This flag indicates if the FPGA firmware can be reprogrammed from the host using system software.
	Processor (FPGA > ReconfigurationSlots)	boolean	This flag indicates if the reconfiguration slot can be reprogrammed from the host using system software.
<b>PropertyOverrides</b>	PrivilegeRegistry (Mappings)	array	Indicates privilege overrides of property or element within an entity.

<b>Protocol</b>	Drive	string (enum)	The protocol this drive is using to communicate to the storage controller.
	EventDestination	string (enum)	The protocol type of the event connection.
<b>ProtocolEnabled</b>	<i>various</i> (ManagerNetworkProtocol (DHCP), ManagerNetworkProtocol (DHCPv6) ... )	boolean	Indicates if the protocol is enabled or disabled.
<b>ProtocolFeaturesSupported</b>	ServiceRoot	object	Contains information about protocol features supported by the service.
<b>PublicationUri</b>	JsonSchemaFile (Location), MessageRegistryFile (Location)	string	Link to publicly available (canonical) URI for schema.
<b>RDP</b>	ManagerNetworkProtocol	object	Settings for this Manager's Remote Desktop Protocol support.
<b>RFB</b>	ManagerNetworkProtocol	object	Settings for this Manager's Remote Frame Buffer protocol support, which can be used to support VNC.
<b>RankCount</b>	Memory	integer	Number of ranks available in the Memory.
<b>ReactiveVAR</b>	Sensor	number	The square root of the difference term of squared ApparentVA and squared Power (Reading) for a circuit, expressed in VAR units.
<b>ReadOnly</b>	AttributeRegistry (RegistryEntries > Attributes)	boolean	The read-only state of this attribute.
	AttributeRegistry (RegistryEntries > Menus)	boolean	The read-only state of this menu.
<b>Reading</b>	Thermal (Fans)	integer	Current fan speed.
	Sensor	number	The present value for this Sensor.
	Sensor (Thresholds > LowerCaution), Sensor (Thresholds > LowerCritical), Sensor (Thresholds > LowerFatal), Sensor (Thresholds > UpperCaution), Sensor (Thresholds > UpperCritical), Sensor (Thresholds > UpperFatal), Triggers (NumericThresholds > LowerCritical), Triggers (NumericThresholds > LowerWarning), Triggers (NumericThresholds > UpperCritical),	number	The threshold value.

	Triggers (NumericThresholds > UpperWarning)		
<b>ReadingCelsius</b>	Thermal (Temperatures)	number	Temperature.
<b>ReadingRangeMax</b>	Sensor	number	The maximum value of Reading possible for this Sensor.
<b>ReadingRangeMin</b>	Sensor	number	The minimum value of Reading possible for this Sensor.
<b>ReadingType</b>	Sensor	string (enum)	The kind of sensor being represented.
<b>ReadingUnits</b>	Sensor	string	Units in which the reading and thresholds are measured.
	Thermal (Fans)	string (enum)	Units in which the reading and thresholds are measured.
<b>ReadingVolts</b>	Power (Voltages)	number	The present reading of the voltage sensor.
<b>RebuildRatePercent</b>	Storage (StorageControllers > ControllerRates)	integer	The percentage of controller resources used for rebuilding/repairing volumes.
<b>ReconfigurationSlots</b>	Processor (FPGA)	array	An array of the FPGA reconfiguration slots. A reconfiguration slot is used by an FPGA to contain an acceleration function that can change as the FPGA is being provisioned.
<b>RedfishVersion</b>	ServiceRoot	string	The version of the Redfish service.
<b>Redundancy</b>	ComputerSystem	array	A reference to a collection of Redundancy entities that each name a set of computer systems that provide redundancy for this ComputerSystem.
	Endpoint	array	Redundancy information for the lower level endpoints supporting this endpoint.
	Manager	array	Redundancy information for the managers of this system.
	Power	array	Redundancy information for the power subsystem of this system or device.
	Storage	array	Redundancy information for the storage subsystem.
	Switch	array	Redundancy information for the switches.
	Thermal (Fans), Thermal	array	This structure is used to show redundancy for fans. The Component ids will reference the members of the redundancy groups.

	Power (PowerSupplies)	array	This structure is used to show redundancy for power supplies. The Component ids will reference the members of the redundancy groups.
<b>RegionId</b>	MemoryChunks (InterleaveSets)	string	DIMM region identifier.
	Memory (Regions)	string	Unique region ID representing a specific region within the Memory.
<b>Regions</b>	Memory	array	Memory regions information within the Memory.
<b>Registries</b>	ServiceRoot	object	This is a link to a collection of Registries.
<b>Registry</b>	MessageRegistryFile	string	The Registry Name, Major, and Minor version. This Registry can reference any type of Registry, such as a Message Registry, Privilege Registry, or Attribute Registry.
<b>RegistryEntries</b>	AttributeRegistry	object	List of all attributes and their metadata for this component.
<b>RegistryPrefix</b>	EventService (SSEFilterPropertiesSupported)	boolean	This indicates if the RegistryPrefix property is supported.
	MessageRegistry	string	This is the single word prefix used to form a messageID structure.
<b>RegistryPrefixes</b>	EventDestination	array	A list of the Prefixes for the Message Registries that contain the MessageIDs that will be sent to this event destination.
	EventService	array	A list of the Prefixes of the Message Registries that can be used for the RegistryPrefix property on a subscription. If this property is absent or contains an empty array, the service does not support RegistryPrefix-based subscriptions.
<b>RegistryVersion</b>	AttributeRegistry	string	This is the attribute registry version which is used in the middle portion of a AttributeRegistry.
	MessageRegistry	string	This is the message registry version which is used in the middle portion of a messageID.
<b>Rekey (Action)</b>	Certificate (Actions)	object	This action is used to generate a new key pair for an existing certificate and produce a certificate signing request.
<b>RelatedItem</b>	BootOption, Power (PowerControl), Power (PowerSupplies), Power (Voltages),	array	Describes the areas or devices related to this resource.



	SoftwareInventory, Thermal (Fans), Thermal (Temperatures)		
<b>ReleaseDate</b>	SoftwareInventory	string	Release date of this software.
<b>RemainingSpareBlockPercentage</b>	MemoryMetrics (HealthData)	number	Remaining spare blocks in percentage.
<b>RemoteAccountService</b>	Manager	object	This property contains a reference to the AccountService resource for the remote Manager represented by this resource.
<b>RemoteGroup</b>	AccountService (ActiveDirectory > RemoteRoleMapping), AccountService (LDAP > RemoteRoleMapping), ExternalAccountProvider (RemoteRoleMapping)	string	This property is the name of the remote group (or in the case of a Redfish Service, remote role) that will be mapped to the local role referenced by this entity.
<b>RemoteMemoryBandwidthBytes</b>	ProcessorMetrics	integer	The remote memory bandwidth usage in bytes.
<b>RemoteRedfishServiceUri</b>	Manager	string	This property contains the URI of the Redfish Service Root for the remote Manager represented by this resource.
<b>RemoteRoleMapping</b>	AccountService (ActiveDirectory), AccountService (LDAP), ExternalAccountProvider	array	This property contains a collection of the mapping rules to convert the external account providers account information to the local Redfish Role.
<b>RemoteUser</b>	AccountService (ActiveDirectory > RemoteRoleMapping), AccountService (LDAP > RemoteRoleMapping), ExternalAccountProvider (RemoteRoleMapping)	string	This property is the name of the remote user that will be mapped to the local role referenced by this entity.
<b>RemoveResourceBlock (Action)</b>	ComputerSystem (Actions)	object	This action is used to remove a Resource Block from a system.
<b>Renew (Action)</b>	Certificate (Actions)	object	This action is used to generate a certificate signing request using the existing information and key pair of the certificate.
<b>ReplaceCertificate (Action)</b>	CertificateService (Actions)	object	This action is used to replace an existing certificate.
<b>ReportActions</b>	MetricReportDefinition	array	Specifies the actions to perform when a metric report is generated.
<b>ReportActionsEnum</b>	MetricReportDefinition (ReportActions)	string (enum)	Actions to perform when a metric report is generated.
<b>ReportSequence</b>	MetricReport	string	The current sequence identifier for this metric report.
<b>ReportUpdates</b>	MetricReportDefinition	string (enum)	When logging metric reports, specifies how subsequent metric reports are handled in relationship

			to an existing metric report created from the metric report definition. Namely, whether to overwrite, append, or create new report resource.
<b>Required</b>	ActionInfo (Parameters)	boolean	Indicates whether the parameter is required to perform this Action.
<b>Reserved</b>	ResourceBlock (CompositionStatus)	boolean	This represents if the Resource Block is reserved by any client.
<b>Reset (Action)</b>	Manager (Actions)	object	The reset action resets/reboots the manager.
	Chassis (Actions)	object	This action is used to reset the chassis. This action resets the chassis, not Systems or other contained resources, although side effects may occur which affect those resources.
	ComputerSystem (Actions)	object	This action is used to reset the system.
	Port (Actions)	object	This action is used to reset this port.
	Switch (Actions)	object	This action is used to reset this switch.
<b>ResetBios (Action)</b>	Bios (Actions)	object	This action is used to reset the BIOS attributes to default.
<b>ResetKeys (Action)</b>	SecureBoot (Actions)	object	This action is used to reset the Secure Boot keys.
<b>ResetRequired</b>	AttributeRegistry (RegistryEntries > Attributes)	boolean	True if changing the value of this attribute requires a system or device reset in order to take effect.
<b>ResetSettingsToDefault (Action)</b>	NetworkAdapter (Actions)	object	This action is to clear the settings back to factory defaults.
<b>ResetStatistics (Action)</b>	Sensor (Actions)	object	This action is used to reset statistics related to this sensor.
<b>ResidencyPercent</b>	ProcessorMetrics (CoreMetrics > CStateResidency)	number	The percentage of time that the processor or core has spent in this particular level of C-state.
<b>ResourceBlockType</b>	ResourceBlock	array	This property represents the types of resources available on this Resource Block.
<b>ResourceBlocks</b>	Chassis (Links)	array	An array of references to the Resource Blocks located in this Chassis.
	ComputerSystem (Links)	array	An array of references to the Resource Blocks that are used in this Computer System.
	Zone (Links)	array	An array of references to the Resource Blocks that are used in

			this Zone.
	ServiceRoot	object	A link to a collection of all resource block entities. This collection is intended for implementations that do not contain a Composition Service, but will expose resources to an orchestrator that implements a Composition Service.
	CompositionService	object	The resource blocks available on the service.
<b>ResourceType</b>	EventService (SSEFilterPropertiesSupported)	boolean	This indicates if the ResourceType property is supported.
<b>ResourceTypes</b>	EventService	array	A list of @odata.type values (Schema names) that can be specified in a ResourceType on a subscription. If this property is absent or contains an empty array, the service does not support ResourceType-based subscriptions.
	EventDestination	array	A list of Resource Type values (Schema names) that correspond to the OriginOfCondition. The version and full namespace should not be specified.
<b>ResourceURIOverrides</b>	PrivilegeRegistry (Mappings)	array	Indicates privilege overrides of Resource URI.
<b>ResourceZones</b>	CompositionService	object	The resource zones available on the service.
<b>ResultMetric</b>	MetricDefinition (CalculationParameters)	string	The metric property used to store the results of the calculation.
<b>Revision</b>	Drive	string	The revision of this Drive. This is typically the firmware/hardware version of the drive.
<b>RevisionId</b>	PCleFunction	string	The Revision ID of this PCle function.
<b>Role</b>	ManagerAccount (Links)	object	A reference to the Role object defining Privileges for this account--returned when the resource is read. The ID of the role is the same as property RoleId.
<b>RoleId</b>	ManagerAccount	string	This property contains the Role for this account.
	Role	string	This property contains the name of the Role.
<b>Roles</b>	AccountService	object	A link to a collection of Roles.
<b>RotationSpeedRPM</b>	Drive	number	The rotation speed of this Drive in Revolutions per Minute (RPM).
<b>RouterAdvertisementEnabled</b>	NetworkDeviceFunction	boolean	Whether IPv6 router

	(iSCSIBoot)		advertisement is enabled for the iSCSI boot target.
<b>SKU</b>	Assembly (Assemblies), Chassis, ComputerSystem, Drive, NetworkAdapter, PCleDevice, Storage (StorageControllers), Switch	string	SKU of the product or device.
<b>SNMP</b>	ManagerNetworkProtocol	object	Settings for this Manager's SNMP support.
<b>SRIOV</b>	NetworkAdapter (Controllers > ControllerCapabilities > VirtualizationOffload)	object	Single-Root Input/Output Virtualization (SR-IOV) capabilities.
<b>SRIOVVEPACapable</b>	NetworkAdapter (Controllers > ControllerCapabilities > VirtualizationOffload > SRIOV)	boolean	Whether this controller supports Single Root Input/Output Virtualization (SR-IOV) in Virtual Ethernet Port Aggregator (VEPA) mode.
<b>SSDP</b>	ManagerNetworkProtocol	object	Settings for this Manager's SSDP support.
<b>SSEFilterPropertiesSupported</b>	EventService	object	Contains a set of properties that indicate which properties are supported in the \$filter query parameter for the ServerSentEventUri.
<b>SSH</b>	ManagerNetworkProtocol	object	Settings for this Manager's SSH (Secure Shell) protocol support.
<b>ScalarIncrement</b>	AttributeRegistry (RegistryEntries > Attributes)	integer	The amount to increment or decrement the value of an attribute of type 'Integer' each time a user requests a value change.
<b>Schedule</b>	Job, MetricReportDefinition	object	Specifies the schedule for this job or metric report.
<b>Scheduling</b>	JobService (ServiceCapabilities)	boolean	Indicates whether scheduling of Jobs is supported.
<b>Schema</b>	JsonSchemaFile	string	The @odata.type name this schema describes.
<b>SearchSettings</b>	AccountService (ActiveDirectory > LDAPService), AccountService (LDAP > LDAPService), ExternalAccountProvider (LDAPService)	object	This property contains the settings needed to search an external LDAP service.
<b>SecondaryDNS</b>	NetworkDeviceFunction (iSCSIBoot)	string	The IPv6 or IPv4 address of the secondary DNS server for the iSCSI boot initiator.
<b>SecondaryLUN</b>	NetworkDeviceFunction (iSCSIBoot)	integer	The logical unit number (LUN) for the secondary iSCSI boot target.

<b>SecondaryTargetIPAddress</b>	NetworkDeviceFunction (iSCSIBoot)	string	The IP address (IPv6 or IPv4) for the secondary iSCSI boot target.
<b>SecondaryTargetName</b>	NetworkDeviceFunction (iSCSIBoot)	string	The name of the iSCSI secondary boot target.
<b>SecondaryTargetTCPPort</b>	NetworkDeviceFunction (iSCSIBoot)	integer	The TCP port for the secondary iSCSI boot target.
<b>SecondaryVLANEnable</b>	NetworkDeviceFunction (iSCSIBoot)	boolean	This indicates if the secondary VLAN is enabled.
<b>SecondaryVLANId</b>	NetworkDeviceFunction (iSCSIBoot)	integer	The 802.1q VLAN ID to use for iSCSI boot from the secondary target.
<b>SecureBoot</b>	ComputerSystem	object	A reference to the UEFI SecureBoot resource associated with this system.
<b>SecureBootCurrentBoot</b>	SecureBoot	string (enum)	Secure Boot state during the current boot cycle.
<b>SecureBootEnable</b>	SecureBoot	boolean	Enable or disable UEFI Secure Boot (takes effect on next boot).
<b>SecureBootMode</b>	SecureBoot	string (enum)	Current Secure Boot Mode.
<b>SecureErase (Action)</b>	Drive (Actions)	object	This action is used to securely erase the contents of the drive.
<b>SecureEraseUnit (Action)</b>	Memory (Actions)	object	This defines the action for securely erasing given regions using the NIST SP800-88 Purge: Cryptographic Erase.
<b>SecurityCapabilities</b>	Memory	object	This object contains security capabilities of the Memory.
<b>SecurityState</b>	Memory	string (enum)	The current security state of this Memory.
<b>SecurityStates</b>	Memory (SecurityCapabilities)	array	Security states supported by the Memory.
<b>SelectQuery</b>	ServiceRoot (ProtocolFeaturesSupported)	boolean	This indicates whether the \$select query parameter is supported.
<b>SensingFrequency</b>	Sensor	number	The time interval between readings of the physical sensor.
<b>SensingInterval</b>	MetricDefinition	string	The time interval between when a metric is updated.
<b>SensorNumber</b>	Thermal (Fans)	integer	A numerical identifier to represent the fan speed sensor.
	Thermal (Temperatures)	integer	A numerical identifier to represent the temperature sensor.
	Power (Voltages)	integer	A numerical identifier to represent the voltage sensor.
	LogEntry	integer	This property decodes from EntryType. If the EntryType is

			SEL, it is the sensor number. If the EntryType is Event, then the count of events. Otherwise, it is OEM specific.
<b>SensorResetTime</b>	Sensor	string	The time at which the time-based properties were last reset.
<b>SensorType</b>	LogEntry	string (enum)	If the EntryType is SEL, this will have the sensor type that the log entry pertains to.
<b>Sensors</b>	Chassis	object	The navigation pointer to the collection of sensors located in the equipment and sub-components.
<b>SerialConsole</b>	Manager	object	Information about the Serial Console service provided by this manager.
<b>SerialInterfaces</b>	Manager	object	This is a reference to a collection of serial interfaces that this manager uses for serial and console communication. It is here that clients will find serial configuration options and settings.
<b>SerialNumber</b>	<i>various</i> (Assembly (Assemblies), Chassis ... )	string	The serial number of this device.
<b>ServerSentEventUri</b>	EventService	string	Link to a URI for receiving Sever Sent Event representations of the events generated by this service.
<b>ServiceAddresses</b>	AccountService (ActiveDirectory), AccountService (LDAP), ExternalAccountProvider	array	This property contains the addresses of the user account providers this resource references. The format of this field depends on the Type.
<b>ServiceCapabilities</b>	JobService	object	This object describes the supported capabilities of this Job Service implementation.
<b>ServiceEnabled</b>	Manager (CommandShell), Manager (GraphicalConsole), Manager (SerialConsole)	boolean	Indicates if the service is enabled for this manager.
	AccountService	boolean	Indicates whether this service is enabled. If set to false, the AccountService is disabled. This means no users can be created, deleted or modified. Any service attempting to access the AccountService resource (for example, the Session Service) will fail. New sessions cannot be started when the service is disabled. However, established sessions may still continue operating. This does not affect Basic AUTH connections.

	AccountService (ActiveDirectory), AccountService (LDAP), CompositionService, EventService, ExternalAccountProvider, JobService, LogService, TaskService, UpdateService	boolean	This indicates whether this service is enabled.
	SessionService	boolean	This indicates whether this service is enabled. If set to false, the Session Service is disabled, and new sessions cannot be created, old sessions cannot be deleted, and established sessions may continue operating.
<b>ServiceEntryPointUUID</b>	Manager	string	The UUID of the Redfish Service provided by this manager.
<b>SessionService</b>	ServiceRoot	object	This is a link to the Sessions Service.
<b>SessionTimeout</b>	SessionService	integer	This is the number of seconds of inactivity that a session may have before the session service closes the session due to inactivity.
<b>Sessions</b>	ServiceRoot (Links), SessionService	object	Link to a collection of Sessions.
<b>SetDefaultBootOrder (Action)</b>	ComputerSystem (Actions)	object	This action is used to set the Boot Order to the default settings.
<b>SetEncryptionKey (Action)</b>	Storage (Actions)	object	This action is used to set the encryption key for the storage subsystem.
<b>SetPassphrase (Action)</b>	Memory (Actions)	object	Set passphrase for the given regions.
<b>Severity</b>	Event (Events)	string	This is the severity of the event.
	LogEntry	string (enum)	This is the severity of the log entry.
	Triggers (DiscreteTriggers)	string (enum)	This property contains the value of the Severity property in the Event message.
<b>SharingCapable</b>	ResourceBlock (CompositionStatus)	boolean	Indicates if this Resource Block is capable of participating in multiple compositions simultaneously.
<b>SharingEnabled</b>	ResourceBlock (CompositionStatus)	boolean	Indicates if this Resource Block is allowed to participate in multiple compositions simultaneously.
<b>SignalDetected</b>	NetworkPort	boolean	Whether or not the port has detected enough signal on enough lanes to establish link.
<b>SignalType</b>	SerialInterface	string	The type of signal used for the

		(enum)	communication connection - RS232 or RS485.
<b>SimpleStorage</b>	ResourceBlock	array	An array of references to the Simple Storage available in this Resource Block.
	ComputerSystem	object	A reference to the collection of storage devices associated with this system.
<b>SimpleUpdate (Action)</b>	UpdateService (Actions)	object	This action is used to update software components.
<b>SizeMiB</b>	Memory (Regions)	integer	Size of this memory region in mebibytes (MiB).
	MemoryChunks (InterleaveSets)	integer	Size of this memory region measured in mebibytes (MiB).
<b>Slot</b>	Memory (MemoryLocation)	integer	Slot number in which Memory is connected.
<b>SlotId</b>	Processor (FPGA > ReconfigurationSlots)	string	The FPGA reconfiguration slot identifier.
<b>SlotType</b>	PCIESlots (Slots)	string (enum)	This is the PCIe slot type for this slot.
<b>Slots</b>	PCIESlots	array	An array of PCI Slot information.
<b>Socket</b>	Memory (MemoryLocation)	integer	Socket number in which Memory is connected.
	Processor	string	The socket or location of the processor.
<b>SoftwareId</b>	SoftwareInventory	string	A string representing the implementation-specific ID for identifying this software.
<b>SoftwareInventory</b>	UpdateService	object	An inventory of software.
<b>SourceMetric</b>	MetricDefinition (CalculationParameters)	string	The metric property used as the input into the calculation.
<b>SpareBlock</b>	MemoryMetrics (HealthData > AlarmTrips)	boolean	Spare block capacity crossing alarm trip detected status.
<b>SpareDeviceCount</b>	Memory	integer	Number of unused spare devices available in the Memory.
<b>SparePartNumber</b>	Assembly (Assemblies)	string	Spare part number of the Assembly.
	Thermal (Fans)	string	The spare part number for this Fan.
	Power (PowerSupplies)	string	The spare part number for this Power Supply.
<b>SpeedGbps</b>	Storage (StorageControllers)	number	The maximum speed of the storage controller's device interface.
<b>SpeedMHz</b>	Processor (ProcessorMemory)	integer	The operating speed of the



			memory in MHz.
<b>SpeedMbps</b>	EthernetInterface	integer	This is the current speed in Mbps of this interface.
<b>StartTime</b>	Job	string	The date-time stamp that the job was started or is scheduled to start.
	Task	string	The date-time stamp that the task was last started.
<b>State</b>	Certificate (Issuer), Certificate (Subject)	string	The state, province, or region of the organization of the entity.
<b>StatelessAddressAutoConfig</b>	EthernetInterface	object	Stateless Address Automatic Configuration (SLAAC) parameters for this interface.
<b>StaticNameServers</b>	EthernetInterface	array	A statically defined set of DNS server IP addresses (both IPv4 and IPv6).
<b>Status</b>	<i>various</i> (AccelerationFunction, AccountService ... )	object	This object describes the state and health of the resource and its children.
<b>StatusIndicator</b>	Drive	string (enum)	The state of the status indicator, used to communicate status information about this drive.
<b>Step</b>	Processor (ProcessorId)	string	The Step value for this processor.
<b>StepOrder</b>	Job	array	This represents the serialized execution order of the Job Steps.
<b>Steps</b>	Job	object	A link to a collection of Steps for this Job.
<b>StopBits</b>	SerialInterface	string (enum)	The period of time before the next start bit is transmitted.
<b>Storage</b>	ResourceBlock	array	An array of references to the Storage available in this Resource Block.
	Chassis (Links)	array	An array of references to the storage subsystems connected to or inside this Chassis.
	ComputerSystem	object	A reference to the collection of storage devices associated with this system.
<b>StorageControllers</b>	PCIeFunction (Links)	array	An array of references to the storage controllers which the PCIe device produces.
	Storage	array	The set of storage controllers represented by this resource.
<b>StorageServices</b>	Storage (StorageControllers > Links)	array	An array of references to the StorageServices that connect to this controller.

	ServiceRoot	object	A link to a collection of all storage service entities.
	ComputerSystem (HostedServices)	object	A reference to a collection of storage services supported by this computer system.
<b>StorageSystems</b>	ServiceRoot	object	This is a link to a collection of storage systems.
<b>SubModel</b>	ComputerSystem	string	The sub-model for this system.
<b>SubProcessors</b>	Processor	object	A reference to the collection of Sub-Processors associated with this system, such as cores or threads that are part of a processor.
<b>Subject</b>	Certificate	object	The subject of the certificate.
<b>SubmitTestEvent (Action)</b>	EventService (Actions)	object	This action is used to generate a test event.
<b>SubmitTestMetricReport (Action)</b>	TelemetryService (Actions)	object	This action is used to generate a metric report.
<b>SubordinateOverrides</b>	PrivilegeRegistry (Mappings)	array	Indicates privilege overrides of subordinate resource.
<b>SubordinateResources</b>	EventDestination	boolean	By setting this to true and specifying OriginResources, this indicates the subscription will be for events from the OriginsResources specified and also all subordinate resources. Note that resources associated via the Links section are not considered subordinate.
<b>SubordinateResourcesSupported</b>	EventService	boolean	This indicates if the service supports the SubordinateResource property on Event Subscriptions.
<b>SubscriptionType</b>	EventDestination	string (enum)	Indicates the subscription type for events.
<b>Subscriptions</b>	EventService	object	This is a reference to a collection of Event Destination resources.
<b>SubsystemDeviceID</b>	Memory	string	Subsystem Device ID.
<b>SubsystemId</b>	Endpoint (ConnectedEntities > EntityPcild), Endpoint (Pcild), PCleFunction	string	The Subsystem ID of this PCIe function.
<b>SubsystemVendorID</b>	Memory	string	SubSystem Vendor ID.
<b>SubsystemVendorId</b>	Endpoint (ConnectedEntities > EntityPcild), Endpoint (Pcild), PCleFunction	string	The Subsystem Vendor ID of this PCIe function.
<b>SupplyingComputerSystems</b>	ComputerSystem (Links)	array	An array of references to ComputerSystems that contribute,

			in whole or in part, to the implementation of this ComputerSystem.
<b>SupportedCollectionFunctions</b>	TelemetryService	array	The functions that can be performed over each metric.
<b>SupportedControllerProtocols</b>	Storage (StorageControllers)	array	This represents the protocols by which this storage controller can be communicated to.
<b>SupportedDeviceProtocols</b>	Storage (StorageControllers)	array	This represents the protocols which the storage controller can use to communicate with attached devices.
<b>SupportedEthernetCapabilities</b>	NetworkPort	array	The set of Ethernet capabilities that this port supports.
<b>SupportedLinkCapabilities</b>	NetworkPort	array	The self-described link capabilities of this port.
<b>SupportedRAIDTypes</b>	Storage (StorageControllers)	array	This object describes the RAID Types supported by the storage controller.
<b>SupportedSystems</b>	AttributeRegistry	array	Array of systems supported by this attribute registry.
<b>SuppressRepeatedMetricValue</b>	MetricReportDefinition	boolean	A value of true indicates that any Metric in the MetricReport currently be generated will be suppressed and not included in the MetricReport when the value of the Metric equals the value of the same Metric in the previously generated MetricReport. A value of false means that the suppression mechanism is not applied to the MetricReport being generated. A MetricReport may be generated with no MetricProperty array values if all Metrics had the same values as in the previously generated MetricReport.
<b>SwitchType</b>	Switch	string (enum)	The protocol being sent over this switch.
<b>Switches</b>	Chassis (Links)	array	An array of references to the Switches located in this Chassis.
	Fabric	object	A collection of references to the switches contained in this fabric.
<b>SystemId</b>	AttributeRegistry (SupportedSystems)	string	The system ID of the system.
<b>SystemType</b>	ComputerSystem	string (enum)	The type of computer system represented by this resource.
<b>Systems</b>	ServiceRoot	object	This is a link to a collection of Systems.
<b>TDPWatts</b>	Processor	integer	The nominal Thermal Design

			Power (TDP) in watts.
<b>TargetInfoViaDHCP</b>	NetworkDeviceFunction (iSCSIBoot)	boolean	Whether the iSCSI boot target name, LUN, IP address, and netmask should be obtained from DHCP.
<b>TargetUri</b>	Job (Payload)	string	The URI of the target for this job.
	Task (Payload)	string	The URI of the target for this task.
<b>Targets</b>	PrivilegeRegistry (Mappings > PropertyOverrides), PrivilegeRegistry (Mappings > ResourceURIOverrides), PrivilegeRegistry (Mappings > SubordinateOverrides)	array	Indicates the URI or Entity.
<b>TaskMonitor</b>	Task	string	The URI of the Task Monitor for this task.
<b>TaskState</b>	Task	string (enum)	The state of the task.
<b>TaskStatus</b>	Task	string (enum)	This is the completion status of the task.
<b>Tasks</b>	TaskService	object	References to the Tasks collection.
	ServiceRoot	object	This is a link to the Task Service.
<b>TelemetryService</b>	ServiceRoot	object	This is a link to the TelemetryService.
<b>Telnet</b>	ManagerNetworkProtocol	object	Settings for this Manager's Telnet protocol support.
<b>Temperature</b>	MemoryMetrics (HealthData > AlarmTrips)	boolean	Temperature threshold crossing alarm trip detected status.
<b>TemperatureCelsius</b>	ProcessorMetrics	number	The temperature of the processor.
<b>Temperatures</b>	Thermal	array	This is the definition for temperature sensors.
<b>Thermal</b>	Chassis	object	A reference to the thermal properties (fans, cooling, sensors) of this chassis.
<b>Thresholds</b>	Sensor	object	The set of thresholds defined for this sensor.
<b>ThrottlingCelsius</b>	ProcessorMetrics	number	The CPU margin to throttle (temperature offset in degree Celsius).
<b>TimeoutAction</b>	ComputerSystem (HostWatchdogTimer)	string (enum)	This property indicates the action to perform when the Watchdog Timer reaches its timeout value.
<b>Timestamp</b>	MetricReport	string	The time associated with the metric report in its entirety. The time of the metric report may be relevant when the time of

			individual metrics are minimally different.
	MetricReport (MetricValues)	string	The time when the value of the metric is obtained. A management application may establish a time series of metric data by retrieving the instances of metric value and sorting them according to their Timestamp.
<b>TimestampAccuracy</b>	MetricDefinition	string	Accuracy of the timestamp.
<b>Token</b>	AccountService (ActiveDirectory > Authentication), AccountService (LDAP > Authentication), ExternalAccountProvider (Authentication)	string	This property is used with a PATCH or PUT to write the token for the account. This property is null on a GET.
<b>TotalCacheSizeMiB</b>	Storage (StorageControllers > CacheSummary)	integer	The total configured cache memory, measured in MiB.
<b>TotalCores</b>	Processor	integer	The total number of cores contained in this processor.
<b>TotalEnabledCores</b>	Processor	integer	The total number of enabled cores contained in this processor.
<b>TotalSwitchWidth</b>	Switch	integer	The total number of lanes, phys, or other physical transport links that this switch contains.
<b>TotalSystemMemoryGiB</b>	ComputerSystem (MemorySummary)	number	The total configured operating system-accessible memory (RAM), measured in GiB.
<b>TotalSystemPersistentMemoryGiB</b>	ComputerSystem (MemorySummary)	number	The total configured, system-accessible persistent memory, measured in GiB.
<b>TotalThreads</b>	Processor	integer	The total number of execution threads supported by this processor.
<b>TransferMethod</b>	VirtualMedia	string (enum)	Transfer method to use with the given Image.
<b>TransferProtocolType</b>	VirtualMedia	string (enum)	Network protocol to use with the image.
<b>TransformationRatePercent</b>	Storage (StorageControllers > ControllerRates)	integer	The percentage of controller resources used for transforming volumes from one configuration to another.
<b>TransportProtocol</b>	Endpoint (IPTransportDetails)	string (enum)	The protocol used by the connection entity.
<b>TriggerActionEnum</b>	Triggers (TriggerActions)	string (enum)	Specifies the actions to perform when a trigger occurs.
<b>TriggerActions</b>	Triggers	array	This property specifies the actions to perform when the trigger occurs.

<b>Triggers</b>	MetricReportDefinition (Links)	array	The triggers that will cause this metric report definition to generate a new metric report upon a trigger occurrence when the TriggerActions property contains the value RedfishMetricReport.
	TelemetryService	object	A link to the collection of Triggers, which apply to metrics.
<b>TrustedModules</b>	ComputerSystem	array	This object describes the array of Trusted Modules in the system.
<b>Type</b>	AttributeRegistry (RegistryEntries > Attributes)	string (enum)	The type of the attribute.
	AttributeRegistry (RegistryEntries > Dependencies)	string (enum)	The type of the dependency structure.
<b>UUID</b>	AccelerationFunction, Chassis, ComputerSystem, Manager, Processor (FPGA > ReconfigurationSlots), Processor, ServiceRoot	string	The Universal Unique Identifier (UUID) for this device.
<b>UefiDevicePath</b>	EthernetInterface	string	The UEFI device path for this interface.
	AttributeRegistry (RegistryEntries > Attributes)	string	The UEFI device path that qualifies this attribute.
	BootOption	string	The UEFI device path used to access this UEFI Boot Option.
	SimpleStorage	string	The UEFI device path used to access this storage controller.
<b>UefiDevicePaths</b>	SoftwareInventory	array	A list of strings representing the UEFI Device Path(s) of the component(s) associated with this software inventory item.
<b>UefiKeywordName</b>	AttributeRegistry (RegistryEntries > Attributes)	string	The UEFI KeywordString of the attribute.
<b>UefiNamespaceId</b>	AttributeRegistry (RegistryEntries > Attributes)	string	The UEFI NamespaceId of the attribute.
<b>UefiTargetBootSourceOverride</b>	ComputerSystem (Boot)	string	This property is the UEFI Device Path of the device to boot from when BootSourceOverrideTarget is UefiTarget.
<b>UncorrectableECCErrors</b>	MemoryMetrics (HealthData > AlarmTrips)	boolean	Uncorrectable data error threshold crossing alarm trip detected status.
<b>UnhaltedCycles</b>	ProcessorMetrics (CoreMetrics)	number	The unhalted cycles count of this core.

<b>Units</b>	MetricDefinition	string	The units of measure for this metric.
<b>UnlockUnit (Action)</b>	Memory (Actions)	object	This defines the action for unlocking given regions.
<b>UpdateService</b>	ServiceRoot	object	This is a link to the UpdateService.
<b>Updateable</b>	SoftwareInventory	boolean	Indicates whether this software can be updated by the update service.
<b>UpperBound</b>	AttributeRegistry (RegistryEntries > Attributes)	integer	The upper limit of the value of an attribute of type 'Integer'.
<b>UpperCaution</b>	Sensor (Thresholds)	object	Above normal range.
<b>UpperCritical</b>	Triggers (NumericThresholds)	object	Above normal range and requires attention.
	Sensor (Thresholds)	object	Above normal range but not yet fatal.
<b>UpperFatal</b>	Sensor (Thresholds)	object	Above normal range and fatal.
<b>UpperThresholdCritical</b>	Thermal (Fans)	integer	Above normal range but not yet fatal.
	Power (Voltages), Thermal (Temperatures)	number	Above normal range but not yet fatal.
<b>UpperThresholdFatal</b>	Thermal (Fans)	integer	Above normal range and is fatal.
	Power (Voltages), Thermal (Temperatures)	number	Above normal range and is fatal.
<b>UpperThresholdNonCritical</b>	Thermal (Fans)	integer	Above normal range.
	Power (Voltages), Thermal (Temperatures)	number	Above normal range.
<b>UpperWarning</b>	Triggers (NumericThresholds)	object	Above normal range.
<b>Uri</b>	JsonSchemaFile (Location), MessageRegistryFile (Location)	string	Link to locally available URI for schema.
<b>UseDNSServers</b>	EthernetInterface (DHCPv4)	boolean	Determines whether to use DHCPv4-supplied DNS servers.
	EthernetInterface (DHCPv6)	boolean	When enabled, DNS server addresses supplied through DHCPv6 stateless mode will be used.
<b>UseDomainName</b>	EthernetInterface (DHCPv4)	boolean	Determines whether to use a DHCPv4-supplied domain name.
	EthernetInterface (DHCPv6)	boolean	When enabled, the domain name supplied through DHCPv6 stateless mode will be used.
<b>UseGateway</b>	EthernetInterface (DHCPv4)	boolean	Determines whether to use a DHCPv4-supplied gateway.
<b>UseNTPServers</b>	EthernetInterface (DHCPv4)	boolean	Determines whether to use DHCPv4-supplied NTP servers.

	EthernetInterface (DHCPv6)	boolean	When enabled, NTP server addresses supplied through DHCPv6 stateless mode will be used.
<b>UseRapidCommit</b>	EthernetInterface (DHCPv6)	boolean	Determines whether to use DHCPv6 rapid commit mode for stateful mode address assignments. Do not enable in networks where more than one DHCPv6 server is configured to provide address assignments.
<b>UseStaticRoutes</b>	EthernetInterface (DHCPv4)	boolean	Determines whether to use DHCPv4-supplied static routes.
<b>UserName</b>	Session	string	The UserName for the account for this session.
	VirtualMedia	string	The username to be used when accessing the URI specified by the Image parameter.
	ManagerAccount	string	This property contains the user name for the account.
<b>UserPercent</b>	ProcessorMetrics	number	The percentage of time spent in user mode.
<b>Username</b>	AccountService (ActiveDirectory > Authentication), AccountService (LDAP > Authentication), ExternalAccountProvider (Authentication)	string	This property contains the user name for the account service.
<b>UsernameAttribute</b>	AccountService (ActiveDirectory > LDAPService > SearchSettings), AccountService (LDAP > LDAPService > SearchSettings), ExternalAccountProvider (LDAPService > SearchSettings)	string	The attribute name that contains the Username on the user LDAP entry.
<b>VLAN</b>	EthernetInterface, NetworkDeviceFunction (Ethernet)	object	If this Network Interface supports more than one VLAN, this property is not present. VLANs collections appear in the Link section of this resource.
<b>VLANEnable</b>	VLANNetworkInterface	boolean	This indicates if this VLAN is enabled.
<b>VLANId</b>	VLANNetworkInterface	integer	This indicates the VLAN identifier for this VLAN.
<b>VLANs</b>	EthernetInterface, NetworkDeviceFunction (Ethernet)	object	This is a reference to a collection of VLANs and is only used if the interface supports more than one VLANs.
<b>ValidNotAfter</b>	Certificate	string	The date when the certificate is no



			longer valid.
<b>ValidNotBefore</b>	Certificate	string	The date when the certificate becomes valid.
<b>Value</b>	AttributeRegistry (RegistryEntries > Attributes)	array	The array containing possible values for attributes of type 'Enumeration'.
	Triggers (DiscreteTriggers)	string	The value of the discrete metric that constitutes a trigger occurrence.
<b>ValueDisplayName</b>	AttributeRegistry (RegistryEntries > Attributes > Value)	string	A user-readable display string of the value of the attribute in the defined 'Language'.
<b>ValueExpression</b>	AttributeRegistry (RegistryEntries > Attributes)	string	A regular expression that is used to validate the value of the attribute. This is only applicable to attributes of type 'String' or 'Integer'.
<b>ValueName</b>	AttributeRegistry (RegistryEntries > Attributes > Value)	string	The unique value name of the attribute.
<b>Values</b>	MetricDefinition (Wildcards), MetricReportDefinition (Wildcards), Triggers (Wildcards)	array	An array of values to substitute for the wildcard.
<b>Vendor</b>	ServiceRoot	string	The vendor or manufacturer associated with this Redfish service.
	Assembly (Assemblies)	string	Vendor of the Assembly.
<b>VendorID</b>	Memory	string	Vendor ID.
<b>VendorId</b>	Endpoint (ConnectedEntities > EntityPcild), Endpoint (Pcild), PCIEFunction	string	The Vendor ID of this PCIe function.
	NetworkPort	string	The Vendor Identification for this port.
	Processor (ProcessorId)	string	The Vendor Identification for this processor.
<b>Version</b>	SoftwareInventory	string	A string representing the version of this software.
	AccelerationFunction	string	The acceleration function version.
	Assembly (Assemblies)	string	Version of the Assembly.
<b>VirtualFunction</b>	NetworkAdapter (Controllers > ControllerCapabilities > VirtualizationOffload)	object	The virtual function of the controller.
<b>VirtualFunctionsEnabled</b>	NetworkDeviceFunction	boolean	Whether Single Root I/O Virtualization (SR-IOV) Virtual Functions (VFs) are enabled for

			this Network Device Function.
<b>VirtualMedia</b>	ManagerNetworkProtocol	object	Settings for this Manager's Virtual Media support.
	Manager	object	This is a reference to the Virtual Media services for this particular manager.
<b>VirtualizationOffload</b>	NetworkAdapter (Controllers > ControllerCapabilities)	object	Virtualization offload for this controller.
<b>VolatileRegionNumberLimit</b>	Memory	integer	Total number of volatile regions this Memory can support.
<b>VolatileRegionSizeLimitMiB</b>	Memory	integer	Total size of volatile regions in mebibytes (MiB).
<b>VolatileRegionSizeMaxMiB</b>	Memory	integer	Maximum size of a single volatile region in mebibytes (MiB).
<b>VolatileSizeMiB</b>	Memory	integer	Total size of the volatile portion memory in MiB.
<b>VoltageType</b>	Sensor	string (enum)	The voltage type (AC or DC) for this sensor.
<b>Voltages</b>	Power	array	This is the definition for voltage sensors.
<b>VolumeType</b>	Volume	string (enum)	The type of this volume.
<b>Volumes</b>	Drive (Links)	array	An array of references to the volumes contained in this drive. This will reference Volumes that are either wholly or only partly contained by this drive.
	Storage	object	The set of volumes produced by the storage controllers represented by this resource.
<b>WWNN</b>	NetworkDeviceFunction (FibreChannel)	string	This is the currently configured WWNN address of the network device function (physical function).
<b>WWNSource</b>	NetworkDeviceFunction (FibreChannel)	string (enum)	The configuration source of the WWNs for this connection (WWPN and WWNN).
<b>WWPN</b>	NetworkDeviceFunction (FibreChannel > BootTargets)	string	The World-Wide Port Name to boot from.
	NetworkDeviceFunction (FibreChannel)	string	This is the currently configured WWPN address of the network device function (physical function).
<b>WakeOnLANEnabled</b>	NetworkPort	boolean	Whether Wake on LAN (WoL) is enabled for this network port.
<b>WarningAction</b>	ComputerSystem (HostWatchdogTimer)	string (enum)	This property indicates the action to perform when the Watchdog Timer is close (typically 3-10 seconds) to reaching its timeout

			value.
<b>WarningText</b>	AttributeRegistry (RegistryEntries > Attributes)	string	The warning text for changing the attribute.
<b>WeightKg</b>	Chassis	number	The weight of the chassis.
<b>Width</b>	Port	integer	The number of lanes, phys, or other physical transport links that this port contains.
<b>WidthMm</b>	Chassis	number	The width of the chassis.
<b>Wildcards</b>	MetricDefinition, MetricReportDefinition, Triggers	array	A list of wildcards and their substitution values to be applied to the entries in the MetricProperties array property.
<b>WriteOnly</b>	AttributeRegistry (RegistryEntries > Attributes)	boolean	Defines whether this attribute is write-only. Such attributes revert back to their initial value after settings are applied.
<b>WriteProtected</b>	VirtualMedia	boolean	Indicates the media is write protected.
<b>Zones</b>	ResourceBlock (Links)	array	An array of references to the Zones in which this Resource Block is bound.
	Fabric	object	A collection of references to the zones contained in this fabric.
<b>iSCSIBoot</b>	NetworkDeviceFunction	object	iSCSI Boot.

# Redfish documentation generator

This document was created using the Redfish Documentation Generator utility, which uses the contents of the Redfish schema files (in JSON schema format) to automatically generate the bulk of the text. The source code for the utility is available for download at the DMTF's Github repository located at <http://www.github.com/DMTF/Redfish-Tools>.

## ANNEX A

### Change log

Version	Date	Description
2019.1	2019-5-03	Release built from Redfish schemas released in DSP8020 version 2019.1
2018.3	2019-1-15	Initial release. Release built from Redfish schemas released in DSP8010 version 2018.3