



Redfish

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Redfish Property Guide

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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.

How can I provide feedback?

Feedback on all Redfish specifications and documents is encouraged. Feedback can be directed to the DMTF and the Redfish Forum by the following means:

- **Redfish User Forum:** <http://www.redfishforum.com> User forum monitored by DMTF Redfish Forum personnel to answer questions about any Redfish-related topics.
- **DMTF Feedback Portal:** <https://www.dmtf.org/standards/feedback> Formal submission portal for enhancements or proposals to the DMTF and Redfish Forum.

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 appears, case sensitive, in the JSON payload.
Defined in Schemas	The names of the Redfish Schemas where this property is defined, and therefore in which Resources it may appear. For properties that appear within embedded JSON objects, the object name appears in parentheses.
Type	The JSON data types for the property, which can include boolean, number, string, or object. String types that use defined enumerations state (enum). Number types state units, where used.
Description	The description of the property, as copied directly from the Schema <code>Description</code> definition, or, for properties that appear in multiple Schemas, a general description of its usage in any of the listed Schemas.

Reference Guide

The DMTF's [Redfish Documentation Generator](#) automatically generates the bulk of the text from the Schema files from the DMTF Redfish Schema DSP8010 bundle and merges that text with supplemental text to build this guide.

Property Name	Defined In Schema(s)	Type	Description
AccelerationFunction	Processor (FPGA > ReconfigurationSlots)	object	The reference to the acceleration function provided by the code programmed into a reconfiguration slot.
AccelerationFunctions	Processor	object	The link to the collection of acceleration functions associated with this processor.
AccelerationFunctionType	AccelerationFunction	string (enum)	The acceleration function type.
AccessCapabilities	Connection (VolumeInfo), Volume	array	Supported IO access capabilities.
AccessKey	Endpoint (ConnectedEntities > GenZ)	string	The Access Key for the entity.
	AddressPool (GenZ)	string	The Access Key required for this address pool.
AccessKeyViolations	PortMetrics (GenZ)	integer	The total number of Access Key Violations detected.
AccessMode	ManagerNetworkProtocol (SNMP > CommunityStrings)	string (enum)	The access level of the SNMP community.
AccessState	StorageController (NVMeControllerProperties > ANACharacteristics)	string (enum)	Reported ANA access state.
	Connection (VolumeInfo)	string (enum)	The access state for this connection.
	EndpointGroup	string (enum)	The access state for this group.
AccountLockoutCounterResetAfter	AccountService	integer (seconds)	The period of time, in seconds, between the last failed login attempt and the reset of the lockout threshold counter. This value must be less than or equal to the AccountLockoutDuration value. A reset sets the counter to '0'.
AccountLockoutCounterResetEnabled	AccountService	boolean	An indication of whether the threshold counter is reset after AccountLockoutCounterResetAfter expires. If 'true', it is reset. If 'false', only a successful login resets the threshold counter and if the user reaches the AccountLockoutThreshold limit, the account will be locked out indefinitely and only an administrator-issued reset clears the threshold counter. If this property is absent, the default is 'true'.
AccountLockoutDuration	AccountService	integer (seconds)	The period of time, in seconds, that an account is locked after the number of failed login attempts reaches the

			account lockout threshold, within the period between the last failed login attempt and the reset of the lockout threshold counter. If this value is `0`, no lockout will occur. If the AccountLockoutCounterResetEnabled value is `false`, this property is ignored.
AccountLockoutThreshold	AccountService	integer	The number of allowed failed login attempts before a user account is locked for a specified duration. If `0`, the account is never locked.
AccountProviderType	AccountService (ActiveDirectory), AccountService (LDAP), AccountService (TACACSplus), ExternalAccountProvider	string (enum)	The type of external account provider to which this service connects.
Accounts	AccountService	object	The collection of manager accounts.
AccountService	ServiceRoot	object	The link to the Account Service.
AccountTypes	ManagerAccount	array	The account types.
Accuracy	MetricDefinition	number	The estimated percent error of measured versus actual values.
	Sensor	number (%)	The estimated percent error of measured versus actual values.
Actions	<i>various</i> (AccelerationFunction, Assembly ...)	object	The available actions for this Resource.
	<i>various</i> (AccountService, AddressPool ...)	object	The available actions for this resource.
Activation	<i>various</i> (Sensor (Thresholds > LowerCaution), Sensor (Thresholds > LowerCautionUser) ...)	string (enum)	The direction of crossing that activates this threshold.
ActiveCoreCount	OperatingConfig (TurboProfile)	integer	The number of active cores to be configured with the specified maximum clock speed.
ActiveDirectory	AccountService	object	The first Active Directory external account provider that this account service supports.
ActiveLinkTechnology	NetworkPort	string (enum)	Network port active link technology.
ActiveMainsId	PowerDistribution (TransferConfiguration)	string	The mains circuit that is switched on and qualified to supply power to the output circuit.
ActiveSoftwareImage	Manager (Links)	object	The link to the software inventory resource that represents the active firmware image for this manager.
	Bios (Links)	object	The link to the software inventory that represents the active BIOS firmware image.
ActiveWidth	Port	integer	The number of active lanes for this

			interface.
Add	Manager (Actions > ModifyRedundancySet (Action))	array	An array of managers to add to the redundancy set.
AddElements (Action)	Aggregate (Actions)	object	This action is used to add one or more resources to the aggregate.
AddEndpoint (Action)	Zone (Actions)	object	This action adds an endpoint to a zone.
AdditionalDataSizeBytes	LogEntry	integer (bytes)	The size of the additional data for the log entry.
AdditionalDataURI	LogEntry	string	The URI at which to access the additional data for the log entry, such as diagnostic data, image captures, or other files.
AdditionalExternalAccountProviders	AccountService	object	The additional external account providers that this account service uses.
AddResourceBlock (Action)	ComputerSystem (Actions)	object	This action adds a resource block to a system.
Address	AddressPool (Ethernet > EBGp > BGPNeighbor), AddressPool (Ethernet > MultiProtocolEBGP > BGPNeighbor), AddressPool (Ethernet > MultiProtocolIBGP > BGPNeighbor)	string	Border Gateway Protocol (BGP) neighbor address.
AddressParityError	MemoryMetrics (HealthData > AlarmTrips)	boolean	An indication of whether an address parity error was detected that a retry could not correct.
AddressPools	Endpoint (Links)	array	An array of links to the address pools associated with this endpoint.
	Zone (Links)	array	An array of links to the address pools associated with this zone.
	Fabric	object	The collection of links to the address pools that this fabric contains.
AddressRangeOffsetMiB	MemoryChunks	integer (mebibytes)	Offset of the memory chunk in the address range in MiB.
AddressRangeType	MemoryChunks	string (enum)	Memory type of this memory chunk.
AdjustedMaxAllowableOperatingValue	Thermal (Temperatures)	integer (Celsius)	Adjusted maximum allowable operating temperature for this equipment based on the current environmental conditions present.
	Sensor	number	The adjusted maximum allowable operating value for this equipment based on the current environmental conditions.
AdjustedMinAllowableOperatingValue	Thermal (Temperatures)	integer (Celsius)	Adjusted minimum allowable operating temperature for this equipment based on the current environmental conditions present.
	Sensor	number	The adjusted minimum allowable

			operating value for this equipment based on the current environmental conditions.
AdvertiseInactiveRoutesEnabled	AddressPool (Ethernet > EBGPPool > BGPRoute), AddressPool (Ethernet > MultiProtocolEBGP > BGPRoute), AddressPool (Ethernet > MultiProtocolIBGP > BGPRoute)	boolean	Advertise inactive route status.
Aggregates	AggregationService	object	The link to the collection of aggregates associated with this service.
AggregationService	ServiceRoot	object	The link to the aggregation service.
AggregationSources	ConnectionMethod (Links)	array	An array of links to the access points using this connection method.
	AggregationService	object	The link to the collection of aggregation sources associated with this service.
AlarmTrips	MemoryMetrics (HealthData)	object	Alarm trip information about the memory.
Alias	BootOption	string (enum)	The alias of this boot source.
AliasBootOrder	ComputerSystem (Boot)	array	Ordered array of boot source aliases representing the persistent boot order associated with this computer system.
AllocatedPools	Volume	object	An array of references to StoragePools allocated from this Volume.
AllocatedWatts	PowerSubsystem (Allocation)	number (Watts)	The total amount of power that has been allocated or budgeted to this subsystem.
Allocation	PowerSubsystem	object	Power allocation for this subsystem.
AllocationAlignmentMiB	Memory	integer (mebibytes)	The boundary that memory regions are allocated on, measured in mebibytes (MiB).
AllocationIncrementMiB	Memory	integer (mebibytes)	The size of the smallest unit of allocation for a memory region in mebibytes (MiB).
AllowableValues	ActionInfo (Parameters)	array	The allowable values for this parameter as applied to this action target.
AllowDuplicateASEnabled	AddressPool (Ethernet > EBGPPool), AddressPool (Ethernet > MultiProtocolEBGP)	boolean	Allow duplicate Autonomous System (AS) path.
AllowedSpeedsMHz	Memory	array (MHz)	Speeds supported by this memory device.
AllowFIPVLANDiscovery	NetworkDeviceFunction (FibreChannel)	boolean	An indication of whether the FCoE Initialization Protocol (FIP) populates the FCoE VLAN ID.

AllowOverprovisioning	CompositionService	boolean	An indication of whether this service is allowed to overprovision a composition relative to the composition request.
AllowOverrideASEnabled	AddressPool (Ethernet > EBGp), AddressPool (Ethernet > MultiProtocolEBGP)	boolean	Option to override an Autonomous System (AS) number with the AS number of the sending peer .
AllowOwnASEnabled	AddressPool (Ethernet > EBGp > BGPNeighbor), AddressPool (Ethernet > MultiProtocolEBGP > BGPNeighbor), AddressPool (Ethernet > MultiProtocolIBGP > BGPNeighbor)	boolean	Allow own Autonomous System (AS) status.
AllowsBlockProvisioning	MemoryDomain	boolean	An indication of whether this memory domain supports the provisioning of blocks of memory.
AllowsMemoryChunkCreation	MemoryDomain	boolean	An indication of whether this memory domain supports the creation of memory chunks.
AllowsMirroring	MemoryDomain	boolean	An indication of whether this memory domain supports the creation of memory chunks with mirroring enabled.
AllowsSparing	MemoryDomain	boolean	An indication of whether this memory domain supports the creation of memory chunks with sparing enabled.
AllowZoneAffinity	CompositionService	boolean	An indication of whether a client can request that a specific Resource Zone fulfill a composition request.
AlternateRoleId	Role	string	An equivalent role to use when this role is restricted.
AlternativeNames	CertificateService (Actions > GenerateCSR (Action))	array	The additional host names of the component to secure.
AlwaysCompareMEDEnabled	AddressPool (Ethernet > EBGp), AddressPool (Ethernet > MultiProtocolEBGP)	boolean	Compare Multi Exit Discriminator (MED) status.
Ambient	ThermalMetrics (TemperatureSummaryCelsius)	object	The ambient temperature of this subsystem.
AmbientMetrics	Facility	object	The link to the ambient environment metrics for this facility.
ANCharacteristics	StorageController (NVMeControllerProperties)	array	The ANA characteristics and volume information.
AnycastGatewayIPAddress	AddressPool (Ethernet > BGPEvpn), AddressPool (Ethernet > IPv4)	string	The anycast gateway IPv4 address.
AnycastGatewayMACAddress	AddressPool (Ethernet > BGPEvpn), AddressPool (Ethernet > IPv4)	string	The anycast gateway MAC address.
ApparentVA	<i>various</i> (Circuit (PolyPhasePowerWatts	number (V.A)	The product of voltage and current for an AC circuit, in Volt-Ampere units.

	> Line1ToLine2), Circuit (PolyPhasePowerWatts > Line1ToNeutral) ...)		
AppendLimit	MetricReportDefinition	integer	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.
AppliedOperatingConfig	Processor	object	The link to the operating configuration that is applied to this processor.
ApplyTime	UpdateService (HttpPushUriOptions > HttpPushUriApplyTime)	string (enum)	The time when to apply the HttpPushUri-provided software update.
ArchitectureId	ManagerNetworkProtocol (SNMP > EngineId)	string	The architecture identifier.
ArchiveFile	MessageRegistryFile (Location)	string	If the service hosts the Message Registry in an archive file, the name of the file within the archive.
	JsonSchemaFile (Location)	string	The name of the file in the archive, if the schema is hosted on the service in an archive file.
ArchiveUri	MessageRegistryFile (Location)	string	If the Message Registry is hosted on the service in an archive file, the link to the archive file.
	JsonSchemaFile (Location)	string	The link to an archive file, if the schema is hosted on the service in an archive file.
ARPProxyEnabled	AddressPool (Ethernet > BGPEvpn)	boolean	Address Resolution Protocol (ARP) proxy status.
ARPSuppressionEnabled	AddressPool (Ethernet > BGPEvpn)	boolean	Address Resolution Protocol (ARP) suppression status.
ASICManufacturer	FabricAdapter	string	The manufacturer name for the ASIC of this fabric adapter.
ASICPartNumber	FabricAdapter	string	The part number for the ASIC on this fabric adapter.
ASICRevisionIdentifier	FabricAdapter	string	The revision identifier for the ASIC on this fabric adapter.
ASNumberRange	AddressPool (Ethernet > EBGP), AddressPool (Ethernet > MultiProtocolEBGP), AddressPool (Ethernet > MultiProtocolIBGP)	object	Autonomous System (AS) number range.
Assemblies	Assembly	array	The assembly records.
Assembly	Fan	object	The link to the assembly associated with this fan.
	PowerSupply	object	The link to the assembly associated with this power supply.
	StorageController	object	The link to the assembly associated with this storage controller.
	Chassis, Drive,	object	The reference to the Assembly Resource associated with this item.

	Memory, NetworkAdapter, PCIeDevice, Power (PowerSupplies), Processor, Storage (StorageControllers), Thermal (Fans)		
AssetTag	Chassis, ComputerSystem, Drive, PCIeDevice, Storage (StorageControllers), Switch	string	The user-assigned asset tag for this device.
	PowerDistribution	string	The user-assigned asset tag for this equipment.
	StorageController	string	The user-assigned asset tag for this storage controller.
AssignablePhysicalNetworkPorts	NetworkDeviceFunction	array	An array of physical ports to which this network device function can be assigned.
AssignablePhysicalPorts	NetworkDeviceFunction	array	An array of physical ports to which this network device function can be assigned.
AssignedPrivileges	Role	array	The Redfish privileges for this role.
AssignReplicaTarget (Action)	Volume (Actions)	object	This action is used to establish a replication relationship by assigning an existing volume to serve as a target replica for an existing source volume.
AssociatedEndpoints	Port (Links)	array	An array of links to the endpoints that connect through this port.
AssociatedFeaturesRegistry	Volume (Operations)	object	A reference to the task associated with the operation if any.
AssociatedNetworkAddresses	NetworkPort	array	An array of configured MAC or WWN network addresses 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.
AssociatedTask	Drive (Operations)	object	The link to the task associated with the operation, if any.
AttachedVolumes	StorageController (Links)	array	An array of links to volumes that are attached to this controller instance.
AttributeName	AttributeRegistry (RegistryEntries > Attributes)	string	The unique name for the attribute.
AttributeRegistry	Bios	string	The resource ID of the attribute registry that has the system-specific information about a BIOS resource.
Attributes	AttributeRegistry (RegistryEntries)	array	An array of attributes and their possible values.
	Bios	object	The manufacturer- or provider-specific

			list of BIOS attributes.
Authentication	AccountService (ActiveDirectory), AccountService (LDAP), AccountService (TACACSplus), ExternalAccountProvider	object	The authentication information for the external account provider.
	EventService (SMTP)	string (enum)	The authentication method for the SMTP server.
AuthenticationKey	AggregationSource (SNMP), EventDestination (SNMP), ManagerAccount (SNMP)	string	The secret authentication key for SNMPv3.
AuthenticationKeySet	AggregationSource (SNMP), EventDestination (SNMP), ManagerAccount (SNMP)	boolean	Indicates if the AuthenticationKey property is set.
AuthenticationMethod	NetworkDeviceFunction (iSCSIBoot)	string (enum)	The iSCSI boot authentication method for this network device function.
AuthenticationModes	HostInterface	array	The authentication modes available on this interface.
AuthenticationProtocol	AggregationSource (SNMP), EventDestination (SNMP), ManagerAccount (SNMP)	string (enum)	The authentication protocol for SNMPv3.
	ManagerNetworkProtocol (SNMP)	string (enum)	The authentication protocol used for SNMP access to this manager.
AuthenticationType	AccountService (ActiveDirectory > Authentication), AccountService (LDAP > Authentication), AccountService (TACACSplus > Authentication), ExternalAccountProvider (Authentication)	string (enum)	The type of authentication used to connect to the external account provider.
AuthFailureLoggingThreshold	AccountService	integer	The number of authorization failures per account that are allowed before the failed attempt is logged to the manager log.
AuthNoneRole	HostInterface (Links)	object	The link to the Redfish Role that contains the privileges on this Host Interface when no authentication is performed.
AuthNoneRoleId	HostInterface	string	The role when no authentication on this interface is used.
AutoDSTEnabled	Manager	boolean	An indication of whether the manager is configured for automatic Daylight Saving Time (DST) adjustment.
AutomaticRetryAttempts	ComputerSystem (Boot)	integer	The number of attempts the system will automatically retry booting.
AutomaticRetryConfig	ComputerSystem (Boot)	string (enum)	The configuration of how the system retries booting automatically.
AutoNeg	EthernetInterface	boolean	An indication of whether the speed and duplex are automatically negotiated and configured on this interface.

AutoSpeedNegotiation	NetworkPort (SupportedLinkCapabilities)	boolean	An indication of whether the port is capable of auto-negotiating speed.
AutoSpeedNegotiationCapable	Port (LinkConfiguration)	boolean	An indication of whether the port is capable of autonegotiating speed.
AutoSpeedNegotiationEnabled	Port (LinkConfiguration)	boolean	Controls whether this port is configured to enable autonegotiating speed.
AutoTransferEnabled	PowerDistribution (TransferConfiguration)	boolean	Indicates if the qualified alternate mains circuit is automatically switched on when the preferred mains circuit becomes unqualified and is automatically switched off.
AverageConsumedWatts	Power (PowerControl > PowerMetrics)	number (Watts)	The average power level over the measurement window over the last IntervalInMin minutes.
AverageFrequencyMHz	ProcessorMetrics	number (MHz)	The average frequency of the processor.
AveragePowerBudgetMilliWatts	Memory (PowerManagementPolicy)	integer (milliWatts)	Average power budget, in milliwatts.
BandwidthPercent	ProcessorMetrics	number (%)	The CPU bandwidth as a percentage.
	MemoryMetrics	number (%)	The memory bandwidth utilization as a percentage.
BaseDistinguishedNames	AccountService (ActiveDirectory > LDAPService > SearchSettings), AccountService (LDAP > LDAPService > SearchSettings), AccountService (TACACSplus > LDAPService > SearchSettings), ExternalAccountProvider (LDAPService > SearchSettings)	array	The base distinguished names to use to search an external LDAP service.
BaseModuleType	Memory	string (enum)	The base module type of the memory device.
BaseSpeedMHz	OperatingConfig, Processor	integer (MHz)	The base (nominal) clock speed of the processor in MHz.
	OperatingConfig (BaseSpeedPrioritySettings)	integer (MHz)	The clock speed to configure the set of cores in MHz.
BaseSpeedPrioritySettings	OperatingConfig	array	The clock speed for sets of cores when the configuration is operational.
BaseSpeedPriorityState	Processor	string (enum)	The state of the base frequency settings of the operation configuration applied to this processor.
BatchSize	Aggregate (Actions > Reset (Action)), AggregationService (Actions > Reset (Action))	integer	The number of elements in each batch being reset.
BFDSingleHopOnly	AddressPool (Ethernet)	object	Bidirectional Forwarding Detection (BFD) related properties for this Ethernet fabric.

BGPEvpn	AddressPool (Ethernet)	object	BGP Ethernet Virtual Private Network (EVPN) related properties for this Ethernet fabric.
BGPLocalPreference	AddressPool (Ethernet > EBGp), AddressPool (Ethernet > MultiProtocolEBGP)	integer	Local preference value.
BGPNeighbor	AddressPool (Ethernet > EBGp), AddressPool (Ethernet > MultiProtocolEBGP), AddressPool (Ethernet > MultiProtocolIBGP)	object	Border Gateway Protocol (BGP) neighbor related properties.
BGPRoute	AddressPool (Ethernet > EBGp), AddressPool (Ethernet > MultiProtocolEBGP), AddressPool (Ethernet > MultiProtocolIBGP)	object	Border Gateway Protocol (BGP) route related properties.
BGPWeight	AddressPool (Ethernet > EBGp), AddressPool (Ethernet > MultiProtocolEBGP)	integer	BGP weight attribute.
BinaryDataURI	Assembly (Assemblies)	string	The URI at which to access an image of the assembly information.
Bios	ComputerSystem	object	The link to the BIOS settings associated with this system.
BiosVersion	ComputerSystem	string	The version of the system BIOS or primary system firmware.
BitRate	SerialInterface	string (enum)	The receive and transmit rate of data flow, typically in bits per second (bit/s), over the serial connection.
BlockSizeBytes	MemoryMetrics	integer (bytes)	The block size, in bytes.
	Volume	integer (bytes)	The size of the smallest addressable unit (Block) of this volume in bytes.
	Drive	integer (bytes)	The size, in bytes, of the smallest addressable unit, or block.
BlocksRead	MemoryMetrics (CurrentPeriod), MemoryMetrics (LifeTime)	integer	The number of blocks read.
BlocksWritten	MemoryMetrics (CurrentPeriod), MemoryMetrics (LifeTime)	integer	The number of blocks written.
Boot	ComputerSystem	object	The boot settings for this system.
BootMode	NetworkDeviceFunction	string (enum)	The boot mode configured for this network device function.
BootNext	ComputerSystem (Boot)	string	The BootOptionReference of the Boot Option to perform a one-time boot from when BootSourceOverrideTarget is `UefiBootNext`.
BootOptionEnabled	BootOption	boolean	An indication of whether the boot option is enabled. If `true`, it is

			enabled. If `false`, the boot option that the boot order array on the computer system contains is skipped. In the UEFI context, this property shall influence the load option active flag for the boot option.
BootOptionReference	BootOption	string	The unique boot option.
BootOptions	ComputerSystem (Boot)	object	The link to the collection of the UEFI boot options associated with this computer system.
BootOrder	ComputerSystem (Boot)	array	An array of BootOptionReference strings that represent the persistent boot order for with this computer system.
BootOrderPropertySelection	ComputerSystem (Boot)	string (enum)	The name of the boot order property that the system uses for the persistent boot order.
BootPriority	NetworkDeviceFunction (FibreChannel > BootTargets)	integer	The relative priority for this entry in the boot targets array.
BootProgress	ComputerSystem	object	This object describes the last boot progress state.
BootSourceOverrideEnabled	ComputerSystem (Boot)	string (enum)	The state of the boot source override feature.
BootSourceOverrideMode	ComputerSystem (Boot)	string (enum)	The BIOS boot mode to use when the system boots from the BootSourceOverrideTarget boot source.
BootSourceOverrideTarget	ComputerSystem (Boot)	string (enum)	The current boot source to use at the next boot instead of the normal boot device, if BootSourceOverrideEnabled is `true`.
BootTargets	NetworkDeviceFunction (FibreChannel)	array	An array of Fibre Channel boot targets configured for this network device function.
BranchCircuit	Circuit (Links)	object	A reference to the branch circuit related to this circuit.
	Outlet (Links)	object	A reference to the branch circuit related to this outlet.
Branches	PowerDistribution	object	A link to the branch circuits for this equipment.
BreakerControl (Action)	Circuit (Actions)	object	This action attempts to reset the circuit breaker.
BreakerState	Circuit	string (enum)	The state of the over current protection device.
BusWidthBits	Memory	integer	The bus width, in bits.
Cache	ProcessorMetrics	array	The processor cache metrics.
CacheDataVolumes	Volume (Links)	array	A pointer to the data volumes this volume serves as a cache volume.
CacheMetrics	ProcessorMetrics	object	The cache metrics for this processor.
CacheMiss	ProcessorMetrics (Cache), ProcessorMetrics	number	The number of cache line misses in millions.

	(CacheMetrics), ProcessorMetrics (CoreMetrics > CoreCache)		
CacheMissesPerInstruction	ProcessorMetrics (Cache), ProcessorMetrics (CacheMetrics), ProcessorMetrics (CoreMetrics > CoreCache)	number	The number of cache misses per instruction.
CacheSizeMiB	Memory	integer (mebibytes)	Total size of the cache portion memory in MiB.
CacheSummary	Storage (StorageControllers), StorageController	object	The cache memory of the storage controller in general detail.
CacheVolumeSource	Volume (Links)	object	A pointer to the cache volume source for this volume.
Calculable	MetricDefinition	string (enum)	An indication of whether the metric can be used in a calculation.
CalculationAlgorithm	MetricDefinition	string (enum)	The calculation that is performed on a source metric to obtain the metric being defined.
CalculationParameters	MetricDefinition	array	The metric properties that are part of a calculation.
CalculationTimeInterval	MetricDefinition	string	The time interval over which the metric calculation is performed.
Calibration	MetricDefinition	number	The calibration offset added to the metric reading.
Capable	NetworkAdapter (Controllers > ControllerCapabilities > DataCenterBridging)	boolean	An indication of whether this controller is capable of data center bridging (DCB).
CapableLinkSpeedGbps	Port (LinkConfiguration)	array	The set of link speed capabilities of this port.
CapableLinkSpeedMbps	NetworkPort (SupportedLinkCapabilities)	array	The set of link speed capabilities of this port.
CapableSpeedGbs	Drive	number (Gbit/s)	The speed, in gigabit per second (Gbit/s), at which this drive can communicate to a storage controller in ideal conditions.
Capacity	Volume	object	Capacity utilization.
CapacityBytes	Volume	integer (bytes)	The size in bytes of this Volume.
	SimpleStorage (Devices)	integer (bytes)	The size, in bytes, of the storage device.
	Drive	integer (bytes)	The size, in bytes, of this drive.
CapacityMiB	Memory	integer (mebibytes)	Memory capacity in mebibytes (MiB).
	Processor (ProcessorMemory)	integer (mebibytes)	The memory capacity in MiB.
CapacitySources	Volume	array	An array of space allocations to this volume.
CapacityWatts	PowerSupply (InputRanges)	number	The maximum capacity of this power

		(Watts)	supply when operating in this input range.
	PowerSubsystem	number (Watts)	The total amount of power that can be allocated to this subsystem. This value can be either the power supply capacity or the power budget that an upstream chassis assigns to this subsystem.
CertificateCollection	CertificateService (Actions > GenerateCSR (Action))	object	The link to the certificate collection where the certificate is installed after the certificate authority (CA) signs the certificate.
CertificateLocations	CertificateService	object	The information about the location of certificates.
Certificates	CertificateLocations (Links)	array	An array of links to the certificates installed on this service.
	SecureBootDatabase	object	A link to the collection of certificates contained in this UEFI Secure Boot database.
	Chassis, ComputerSystem, Drive, Memory, NetworkAdapter, Processor, Storage (StorageControllers), StorageController, Switch	object	The link to a collection of certificates for device identity and attestation.
	AccountService (TACACSplus)	object	The link to a collection of certificates that the external account provider uses.
	EventDestination	object	The link to a collection of server certificates for the server referenced by the Destination property.
	AccountService (ActiveDirectory), AccountService (LDAP), ComputerSystem (Boot), ExternalAccountProvider, ManagerAccount, ManagerNetworkProtocol (HTTPS)	object	The reference to a collection of certificates.
CertificateService	ServiceRoot	object	The link to the Certificate Service.
CertificateString	Certificate, CertificateService (Actions > ReplaceCertificate (Action))	string	The string for the certificate.
CertificateType	Certificate, CertificateService (Actions > ReplaceCertificate (Action))	string (enum)	The format of the certificate.
CertificateUri	CertificateService (Actions > ReplaceCertificate (Action))	object	The link to the certificate that is being replaced.
ChallengePassword	Certificate (Actions > Rekey (Action)), Certificate (Actions > Renew (Action)), CertificateService (Actions >	string	The challenge password to apply to the certificate for revocation requests.

	GenerateCSR (Action))		
ChangePassword (Action)	Bios (Actions)	object	This action changes a BIOS password.
ChangeRAIDLAYOUT (Action)	Volume (Actions)	object	Request system change the RAID layout of the volume.
Channel	Memory (MemoryLocation)	integer	The channel number to which the memory device is connected.
CHAPSecret	NetworkDeviceFunction (iSCSIBoot)	string	The shared secret for CHAP authentication.
CHAPUsername	NetworkDeviceFunction (iSCSIBoot)	string	The user name for CHAP authentication.
Chassis	PowerDistribution (Links)	array	An array of links to the chassis that contain this equipment.
	ComputerSystem (Links), PCleDevice (Links), ResourceBlock (Links)	array	An array of references to the chassis that either contain or are related to this Resource.
	Drive (Links), EthernetInterface (Links), Memory (Links), Processor (Links), ServiceRoot, SimpleStorage (Links), Switch (Links)	object	The reference to the chassis that either contains or is related to this Resource.
ChassisType	Chassis	string (enum)	The type of physical form factor of the chassis.
CheckConsistency (Action)	Volume (Actions)	object	This action is used to force a check of the Volume's parity or redundant data to ensure it matches calculated values.
CID	Endpoint (ConnectedEntities > GenZ > GCID)	string	The component identifier portion of the GCID for the entity.
CircuitType	Circuit	string (enum)	The type of circuit.
City	CertificateService (Actions > GenerateCSR (Action))	string	The city or locality of the organization making the request.
	Certificate (Issuer), Certificate (Subject)	string	The city or locality of the organization of the entity.
ClassCode	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.
ClassOfService	Volume (Links)	object	The ClassOfService that this storage volume conforms to.
ClearCurrentPeriod (Action)	MemoryMetrics (Actions), ProcessorMetrics (Actions)	object	This action sets the CurrentPeriod property's values to 0.
ClearLog (Action)	LogService (Actions)	object	The action to clear the log for this Log Service.
ClearMetricReports (Action)	TelemetryService (Actions)	object	The action to clear the metric reports for this telemetry service.
ClientEndpoints	Volume (Links)	array	An array of references to the client

			Endpoints associated with this volume.
ClientOriginIPAddress	Session	string	The IP address of the client that created the session.
ClosedTransitionAllowed	PowerDistribution (TransferConfiguration)	boolean	Indicates if a make-before-break switching sequence of the mains circuits is permitted when they are both qualified and in synchronization.
ClosedTransitionTimeoutSeconds	PowerDistribution (TransferConfiguration)	integer	The time in seconds to wait for a closed transition to occur.
CollectDiagnosticData (Action)	LogService (Actions)	object	The action to collect the diagnostic data for the given type.
CollectionDuration	MetricReportDefinition (Metrics)	string	The duration over which the function is computed.
CollectionFunction	MetricReportDefinition (Metrics), TelemetryService (SupportedCollectionFunctions)	string (enum)	The function to run on each metric in the collection.
CollectionTimeScope	MetricReportDefinition (Metrics)	string (enum)	The scope of time over which the function is applied.
CommandShell	Manager	object	The command shell service that this manager provides.
CommonName	CertificateService (Actions > GenerateCSR (Action))	string	The fully qualified domain name of the component to secure.
	Certificate (Issuer), Certificate (Subject)	string	The fully qualified domain name of the entity.
CommunityAccessMode	ManagerNetworkProtocol (SNMP)	string (enum)	The access level of the SNMP community.
CommunityString	ManagerNetworkProtocol (SNMP > CommunityStrings)	string	The SNMP community string.
CommunityStrings	ManagerNetworkProtocol (SNMP)	array	The SNMP community strings.
CompletedTaskOverWritePolicy	TaskService	string (enum)	The overwrite policy for completed tasks. This property indicates if the task service overwrites completed task information.
CompositionService	ServiceRoot	object	The link to the Composition Service.
CompositionState	ResourceBlock (CompositionStatus)	string (enum)	The current state of the resource block from a composition perspective.
CompositionStatus	ResourceBlock	object	The composition status details for this resource block.
Compressed	Volume	boolean	Indicator of whether or not the Volume has compression enabled.
ComputerSystemETag	ComputerSystem (Actions > AddResourceBlock (Action)), ComputerSystem (Actions > RemoveResourceBlock (Action))	string	The current ETag of the system.
ComputerSystems	Chassis (Links), HostInterface (Links), ResourceBlock,	array	An array of references to computer systems related to this Resource.

	ResourceBlock (Links)		
ConfigurationLockCapable	Memory (SecurityCapabilities)	boolean	An indication of whether this memory device supports the locking, or freezing, of the configuration.
ConfigurationLocked	Memory	boolean	An indication of whether the configuration of this memory device is locked and cannot be altered.
ConfiguredLinkSpeedGbps	Port (LinkConfiguration > ConfiguredNetworkLinks)	number	The link speed per lane this port is configured to use for autonegotiation.
ConfiguredNetworkLinks	Port (LinkConfiguration)	array	The set of link speed and width pairs this port is configured to use for autonegotiation.
ConfiguredWidth	Port (LinkConfiguration > ConfiguredNetworkLinks)	integer	The link width this port is configured to use for autonegotiation in conjunction with the link speed.
ConnectedEntities	Endpoint	array	All the entities connected to this endpoint.
ConnectedPorts	Endpoint (Links)	array	An array of links to the ports that connect to this endpoint.
	Port (Links)	array	An array of links to the remote ports connected to this port.
ConnectedProcessors	Processor (Links)	array	An array of links to the processors directly connected to this processor.
ConnectedSwitches	Port (Links)	array	An array of links to the switches that connect to the device through this port.
ConnectedSwitchPorts	Port (Links)	array	An array of links to the ports that connect to the switch through this port.
ConnectedVia	VirtualMedia	string (enum)	The current virtual media connection method.
ConnectionMethod	AggregationSource (Links)	object	An array of links to the connection methods used to contact this aggregation source.
ConnectionMethods	AggregationService	object	The link to the collection of connection methods associated with this service.
ConnectionMethodType	ConnectionMethod	string (enum)	The type of connection method.
ConnectionMethodVariant	ConnectionMethod	string	The variant of connection method.
ConnectionProtocol	EventService (SMTP)	string (enum)	The connection type to the outgoing SMTP server.
Connections	Endpoint (Links)	array	The connections to which this endpoint belongs.
	EndpointGroup (Links)	array	The connections to which this endpoint group belongs.
	Fabric	object	The collection of links to the connections that this fabric contains.
ConnectionType	Connection	string (enum)	The type of resources this connection specifies.

ConnectorType	SerialInterface	string (enum)	The type of connector used for this interface.
ConnectRetrySeconds	AddressPool (Ethernet > EBGp > BGPNeighbor), AddressPool (Ethernet > MultiProtocolEBGP > BGPNeighbor), AddressPool (Ethernet > MultiProtocolIBGP > BGPNeighbor)	integer	Border Gateway Protocol (BGP) retry timer in seconds.
ConnectTypesSupported	Manager (CommandShell), Manager (GraphicalConsole), Manager (SerialConsole)	array	An array of connection types that the implementation allows.
	ComputerSystem (GraphicalConsole)	array	This property enumerates the graphical console connection types that the implementation allows.
ConsistencyCheckRatePercent	Storage (StorageControllers > ControllerRates), StorageController (ControllerRates)	integer	The percentage of controller resources used for performing a data consistency check on volumes.
ConsistencyGroups	Volume (Links)	array	An array of references to the ConsistencyGroups associated with this volume.
	Storage	object	The consistency groups, each of which contains a set of volumes that are treated by an application or set of applications as a single resource, that are managed by this storage subsystem.
ConsoleEntryCommand	ComputerSystem (SerialConsole > IPMI), ComputerSystem (SerialConsole > SSH), ComputerSystem (SerialConsole > Telnet)	string	The command string passed to the service to select or enter the system's serial console.
ConsumedPowerWatt	ProcessorMetrics	number (Watts)	The power, in watts, that the processor has consumed.
ConsumingComputerSystems	ComputerSystem (Links)	array	An array of links to ComputerSystems that are realized, in whole or in part, from this ComputerSystem.
ContactPerson	CertificateService (Actions > GenerateCSR (Action))	string	The name of the user making the request.
ContainedBy	Chassis (Links)	object	The link to the chassis that contains this chassis.
ContainedByFacility	Facility (Links)	object	The link to the facility that contains this facility.
ContainedByZones	Zone (Links)	array	An array of links to the zone that contain this zone.
Contains	Chassis (Links)	array	An array of links to any other chassis that this chassis has in it.
ContainsChassis	Facility (Links)	array	An array of links to outermost chassis contained within this facility.
ContainsFacilities	Facility (Links)	array	An array of links to other facilities contained within this facility.

ContainsZones	Zone (Links)	array	An array of links to the zones that are contained by this zone.
Context	MetricReport	string	A context can be supplied at subscription time. This property is the context value supplied by the subscriber.
	Event, Event (Events), EventDestination	string	The client-supplied string that is stored with the event destination subscription.
ControllerCapabilities	NetworkAdapter (Controllers)	object	The capabilities of this controller.
ControllerRates	Storage (StorageControllers), StorageController	object	This property describes the various controller rates used for processes such as volume rebuild or consistency checks.
Controllers	NetworkAdapter	array	The set of network controllers ASICs that make up this NetworkAdapter.
	Storage	object	The set of controllers instantiated by this storage subsystem.
ControllerType	StorageController (NVMeControllerProperties)	string (enum)	The type of NVMe controller.
CooledBy	Chassis (Links), ComputerSystem (Links)	array	An array of IDs for Resources that cool this Resource. Normally, this ID is for a chassis or a set of fans.
CoreCache	ProcessorMetrics (CoreMetrics)	array	The cache metrics of this core in the processor.
CoreCount	OperatingConfig (BaseSpeedPrioritySettings)	integer	The number of cores to configure with a specified speed.
	ComputerSystem (ProcessorSummary)	integer	The number of processor cores in the system.
CoreId	ProcessorMetrics (CoreMetrics)	string	The processor core identifier.
CoreIDs	OperatingConfig (BaseSpeedPrioritySettings)	array	The identifier of the cores to configure with the specified speed.
CoreMetrics	ProcessorMetrics	array	The processor core metrics.
CorrectableECCErrors	MemoryMetrics (HealthData > AlarmTrips)	boolean	An indication of whether the correctable error threshold crossing alarm trip was detected.
CorrectableECCErrorsCount	ProcessorMetrics (Cache > LifeTime), ProcessorMetrics (CacheMetrics > LifeTime), ProcessorMetrics (CoreMetrics > CoreCache > LifeTime)	integer	The number of the correctable errors for the lifetime of the cache memory.
	MemoryMetrics (LifeTime)	integer	The number of the correctable errors for the lifetime of the memory.
	ProcessorMetrics (Cache > CurrentPeriod), ProcessorMetrics (CacheMetrics > CurrentPeriod), ProcessorMetrics (CoreMetrics > CoreCache > CurrentPeriod)	integer	The number of the correctable errors of cache memory since reset.

	MemoryMetrics (CurrentPeriod)	integer	The number of the correctable errors since reset.
CorrectionInMs	Power (PowerControl > PowerLimit)	integer (ms)	The time required for the limiting process to reduce power consumption to below the limit.
Count	ComputerSystem (ProcessorSummary)	integer	The number of physical processors in the system.
Country	Certificate (Issuer), Certificate (Subject)	string	The country of the organization of the entity.
	CertificateService (Actions > GenerateCSR (Action))	string	The two-letter country code of the organization making the request.
Created	LogEntry	string	The date and time when the log entry was created.
CreatedBy	OutletGroup	string	The creator of this outlet group.
	Job	string	The person or program that created this job entry.
CreateReplicaTarget (Action)	Volume (Actions)	object	This action is used to create a new volume resource to provide expanded data protection through a replica relationship with the specified source volume.
CredentialBootstrapping	HostInterface	object	The credential bootstrapping settings for this interface.
CredentialBootstrappingRole	HostInterface (Links)	object	The link to the role that contains the privileges for the bootstrap account created for this interface.
CrestFactor	<i>various</i> (Circuit (CurrentAmps), Circuit (PolyPhaseCurrentAmps > Line1) ...)	number	The crest factor for this sensor.
CriticalCircuit	Circuit	boolean	Designates if this is a critical circuit.
CStateResidency	ProcessorMetrics (CoreMetrics)	array	The C-state residency of this core in the processor.
CurrentAmps	Circuit	object	The current reading for this single phase circuit.
	Outlet	object	The current reading for this single phase outlet.
CurrentBandwidthGbps	Switch	number (Gbit/s)	The current internal bandwidth of this switch.
CurrentLinkSpeedMbps	NetworkPort	integer (Mbit/s)	Network port current link speed.
CurrentPeriod	ProcessorMetrics (Cache), ProcessorMetrics (CacheMetrics), ProcessorMetrics (CoreMetrics > CoreCache)	object	The cache metrics since the last reset for this processor.
	MemoryMetrics	object	The memory metrics since the last reset or ClearCurrentPeriod action.
CurrentSpeedGbps	Port	number (Gbit/s)	The current speed of this port.

CurrentValue	AttributeRegistry (RegistryEntries > Attributes)	boolean, number, string	The placeholder of the current value for the attribute.
Databaseld	SecureBootDatabase	string	This property contains the name of the UEFI Secure Boot database.
DataBits	SerialInterface	string (enum)	The number of data bits that follow the start bit over the serial connection.
DataCenterBridging	NetworkAdapter (Controllers > ControllerCapabilities)	object	Data center bridging (DCB) for this controller.
DataLockCapable	Memory (SecurityCapabilities)	boolean	An indication of whether this memory device supports data locking.
DataLossDetected	MemoryMetrics (HealthData)	boolean	An indication of whether data loss was detected.
DataSourceUri	<i>various</i> (Circuit (CurrentAmps), Circuit (EnergykWh) ...)	string	The link to the resource that provides the data for this sensor.
DataType	ActionInfo (Parameters)	string (enum)	The JSON property type for this parameter.
DataWidthBits	Memory	integer	Data width in bits.
DateTime	JobService, LogService, Manager, TaskService	string	The current date and time, with offset, that the service or manager uses to set or read time.
DateTimeLocalOffset	Manager	string	The time offset from UTC that the DateTime property is in `+HH:MM` format.
	LogService	string	The UTC offset that the current DateTime property value contains in the `+HH:MM` format.
DedicatedSpareDrives	Volume (Links)	array	An array of references to the drives which are dedicated spares for this volume.
Deduplicated	Volume	boolean	Indicator of whether or not the Volume has deduplication enabled.
DeepOperations	ServiceRoot (ProtocolFeaturesSupported)	object	The information about deep operations that the service supports.
DeepPATCH	ServiceRoot (ProtocolFeaturesSupported > DeepOperations)	boolean	An indication of whether the service supports the deep PATCH operation.
DeepPOST	ServiceRoot (ProtocolFeaturesSupported > DeepOperations)	boolean	An indication of whether the service supports the deep POST operation.
DefaultRoutingEnabled	Zone	boolean	This property indicates whether routing within this zone is enabled.
DefaultValue	AttributeRegistry (RegistryEntries > Attributes)	boolean, number, string	The default value for the attribute.
DelayBetweenBatchesInSeconds	Aggregate (Actions > Reset (Action)), AggregationService (Actions > Reset (Action))	integer (seconds)	The delay of the batches of elements being reset in seconds.

DELETE	PrivilegeRegistry (Mappings > OperationMap), PrivilegeRegistry (Mappings > PropertyOverrides > OperationMap), PrivilegeRegistry (Mappings > ResourceURIOverrides > OperationMap), PrivilegeRegistry (Mappings > SubordinateOverrides > OperationMap)	array	The required privilege for the HTTP DELETE operation.
DeleteTargetVolume	Volume (Actions > RemoveReplicaRelationship (Action))	boolean	Indicate whether or not to delete the target volume as part of the operation.
DeliveryRetryAttempts	EventService	integer	The number of times that the POST of an event is retried before the subscription terminates. This retry occurs at the service level, which means that the HTTP POST to the event destination fails with an HTTP `4XX` or `5XX` status code or an HTTP timeout occurs this many times before the event destination subscription terminates.
DeliveryRetryIntervalSeconds	EventService	integer (seconds)	The interval, in seconds, between retry attempts for sending any event.
DeliveryRetryPolicy	EventDestination	string (enum)	The subscription delivery retry policy for events, where the subscription type is RedfishEvent.
DeltaPhysicalContext	Thermal (Temperatures)	string (enum)	The area or device to which the DeltaReadingCelsius temperature measurement applies, relative to PhysicalContext.
DeltaReadingCelsius	Thermal (Temperatures)	number (Celsius)	The delta temperature reading.
DemandModeEnabled	AddressPool (Ethernet > BFDSingleHopOnly)	boolean	Bidirectional Forwarding Detection (BFD) Demand Mode status.
Dependencies	AttributeRegistry (RegistryEntries)	array	An array of dependencies of attributes on this component.
Dependency	AttributeRegistry (RegistryEntries > Dependencies)	object	The dependency expression for one or more attributes in this attribute registry.
DependencyFor	AttributeRegistry (RegistryEntries > Dependencies)	string	The AttributeName of the attribute whose change triggers the evaluation of this dependency expression.
DepthMm	Chassis	number (mm)	The depth of the chassis.
DesiredMinTxIntervalMilliseconds	AddressPool (Ethernet > BFDSingleHopOnly)	integer	Desired Bidirectional Forwarding Detection (BFD) minimal transmit interval.
Destination	EventDestination	string	The URI of the destination event receiver.
DeviceClass	PCIeFunction	string (enum)	The class for this PCIe function.
DeviceEnabled	NetworkDeviceFunction	boolean	An indication of whether the network

			device function is enabled.
DeviceId	Endpoint (ConnectedEntities > EntityPcild), Endpoint (Pcild), PCleFunction	string	The device ID of this PCIe function.
DeviceID	Memory	string	Device ID.
DeviceLocator	Memory	string	Location of the memory device in the platform.
DeviceMaxCount	NetworkAdapter (Controllers > ControllerCapabilities > VirtualizationOffload > VirtualFunction)	integer	The maximum number of virtual functions (VFs) that this controller supports.
DeviceName	EnvironmentMetrics (FanSpeedsPercent), ThermalMetrics (TemperatureReadingsCelsius)	string	The name of the device.
Devices	SimpleStorage	array	The storage devices.
DeviceType	PCleDevice	string (enum)	The device type for this PCIe device.
DHCP	AddressPool (Ethernet > IPv4)	object	The Dynamic Host Configuration Protocol (DHCP) related addressing for this Ethernet fabric.
	ManagerNetworkProtocol	object	The settings for this manager's DHCPv4 protocol support.
DHCPEnabled	EthernetInterface (DHCPv4)	boolean	An indication of whether DHCP v4 is enabled on this Ethernet interface.
DHCPInterfaceMTUBytes	AddressPool (Ethernet > IPv4 > DHCP)	integer	Dynamic Host Configuration Protocol (DHCP) interface Maximum Transmission Unit (MTU).
DHCPRelayEnabled	AddressPool (Ethernet > IPv4 > DHCP)	boolean	Dynamic Host Configuration Protocol (DHCP) relay status.
DHCPsServer	AddressPool (Ethernet > IPv4 > DHCP)	array	The Dynamic Host Configuration Protocol (DHCP) IPv4 addresses for this Ethernet fabric.
DHCPv4	EthernetInterface	object	DHCPv4 configuration for this interface.
DHCPv6	EthernetInterface, ManagerNetworkProtocol	object	The DHCPv6 protocol configuration for this interface or manager.
DiagnosticDataType	LogService (Actions > CollectDiagnosticData (Action))	string (enum)	The type of diagnostic data to collect.
	LogEntry	string (enum)	The type of diagnostic data.
DisablePassphrase (Action)	Memory (Actions)	object	Disable passphrase for given regions.
DiscreteTriggerCondition	Triggers	string (enum)	The conditions when a discrete metric triggers.
DiscreteTriggers	Triggers	array	The list of discrete triggers.
DiscreteValues	MetricDefinition	array	This array property specifies possible values of a discrete metric.
DisplayName	MemoryChunks	string	A user-configurable string to name the

			memory chunk.
	Volume	string	A user-configurable string to name the volume.
	AttributeRegistry (RegistryEntries > Attributes), AttributeRegistry (RegistryEntries > Menus)	string	The user-readable display name of the attribute or menu in the defined language.
	BootOption	string	The user-readable display name of the boot option that appears in the boot order list in the user interface.
DisplayOrder	AttributeRegistry (RegistryEntries > Attributes), AttributeRegistry (RegistryEntries > Menus)	integer	The display order, as an integer, that indicates where this attribute or menu appears, in ascending order, relative to other attributes or menus.
DistanceExternal	AddressPool (Ethernet > EBGP > BGPRoute), AddressPool (Ethernet > MultiProtocolEBGP > BGPRoute), AddressPool (Ethernet > MultiProtocolIBGP > BGPRoute)	integer	Route distance for external routes.
DistanceInternal	AddressPool (Ethernet > EBGP > BGPRoute), AddressPool (Ethernet > MultiProtocolEBGP > BGPRoute), AddressPool (Ethernet > MultiProtocolIBGP > BGPRoute)	integer	Route distance for internal routes.
DistanceLocal	AddressPool (Ethernet > EBGP > BGPRoute), AddressPool (Ethernet > MultiProtocolEBGP > BGPRoute), AddressPool (Ethernet > MultiProtocolIBGP > BGPRoute)	integer	Route distance for local routes.
DistributeIntoUnderlayEnabled	AddressPool (Ethernet > IPv4)	boolean	Indicates if host subnets should be distributed into the fabric underlay.
DNSDomainName	AddressPool (Ethernet > IPv4)	string	The Domain Name Service (DNS) domain name for this Ethernet fabric.
DNSServer	AddressPool (Ethernet > IPv4)	array	The Domain Name Service (DNS) servers for this Ethernet fabric.
DomainID	Switch	integer	The domain ID for this switch.
Drives	Chassis (Links), PCleFunction (Links), ResourceBlock, Storage, Volume (Links)	array	An array of references to the drives related to this Resource.
	Volume (Actions > ChangeRAIDLAYOUT (Action))	array	An array of the drives to be used by the volume.
	Chassis	object	The link to the collection of drives within this chassis.
DwellTime	<i>various</i>	string	The duration of the sensor reading

	(Sensor (Thresholds > LowerCaution), Sensor (Thresholds > LowerCritical) ...)		before the threshold is exceeded.
	Sensor (Thresholds > LowerCautionUser), Sensor (Thresholds > LowerCriticalUser), Sensor (Thresholds > UpperCautionUser), Sensor (Thresholds > UpperCriticalUser)	string	The duration the sensor value must violate the threshold before the threshold is activated.
EBGP	AddressPool (Ethernet)	object	External BGP (eBGP) related properties for this Ethernet fabric.
EBGPAddressRange	AddressPool (Ethernet > IPv4)	object	External BGP (eBGP) related addressing for this Ethernet fabric.
EEEEEnabled	NetworkPort	boolean	An indication of whether IEEE 802.3az Energy-Efficient Ethernet (EEE) is enabled for this network port.
EffectiveFamily	Processor (ProcessorId)	string	The effective family for this processor.
EffectiveModel	Processor (ProcessorId)	string	The effective model for this processor.
EfficiencyPercent	Power (PowerSupplies)	number (%)	The measured efficiency of this power supply as a percentage.
	PowerSupply (EfficiencyRatings)	number (%)	The rated efficiency of this power supply at the specified load.
EfficiencyRatings	PowerSupply	array	The efficiency ratings of this power supply.
EgressIdentifier	RouteSetEntry	integer	The egress interface identifier.
EjectMedia (Action)	VirtualMedia (Actions)	object	This action detaches remote media from virtual media.
ElectricalContext	Circuit, Outlet, Sensor	string (enum)	The combination of current-carrying conductors.
Elements	Aggregate (Actions > AddElements (Action))	array	An array of resource links to add to the Elements array.
	Aggregate (Actions > RemoveElements (Action))	array	An array of resource links to remove from the Elements array.
	Aggregate	array	The elements of this aggregate.
ElementsCount	Aggregate	integer	The number of entries in the Elements array.
Email	CertificateService (Actions > GenerateCSR (Action))	string	The email address of the contact within the organization making the request.
	Certificate (Issuer), Certificate (Subject)	string	The email address of the contact within the organization of the entity.
EnableAfterReset	HostInterface (CredentialBootstrapping)	boolean	An indication of whether credential bootstrapping is enabled after a reset for this interface.
Enabled	ManagerAccount	boolean	An indication of whether an account is enabled. An administrator can disable it without deleting the user

			information. If `true`, the account is enabled and the user can log in. If `false`, the account is disabled and, in the future, the user cannot log in.
	HostInterface (CredentialBootstrapping)	boolean	An indication of whether credential bootstrapping is enabled for this interface.
EnableSNMPv1	ManagerNetworkProtocol (SNMP)	boolean	Indicates if access via SNMPv1 is enabled.
EnableSNMPv2c	ManagerNetworkProtocol (SNMP)	boolean	Indicates if access via SNMPv2c is enabled.
EnableSNMPv3	ManagerNetworkProtocol (SNMP)	boolean	Indicates if access via SNMPv3 is enabled.
Enclosures	Storage (Links)	array	An array of links to the chassis to which this storage subsystem is attached.
Encrypted	Volume	boolean	Is this Volume encrypted.
EncryptionAbility	Drive	string (enum)	The encryption ability of this drive.
EncryptionKey	AccountService (ActiveDirectory > Authentication), AccountService (LDAP > Authentication), AccountService (TACACSplus > Authentication), ExternalAccountProvider (Authentication)	string	Specifies the encryption key.
	Storage (Actions > SetEncryptionKey (Action))	string	The encryption key to set on the storage subsystem.
	AggregationSource (SNMP), EventDestination (SNMP)	string	The secret authentication key for SNMPv3.
	ManagerAccount (SNMP)	string	The secret encryption key used in SNMPv3.
EncryptionKeySet	AccountService (ActiveDirectory > Authentication), AccountService (LDAP > Authentication), AccountService (TACACSplus > Authentication), AggregationSource (SNMP), EventDestination (SNMP), ExternalAccountProvider (Authentication), ManagerAccount (SNMP)	boolean	Indicates if the EncryptionKey property is set.
EncryptionProtocol	AggregationSource (SNMP), EventDestination (SNMP), ManagerAccount (SNMP)	string (enum)	The encryption protocol for SNMPv3.
	ManagerNetworkProtocol (SNMP)	string (enum)	The encryption protocol used for SNMPv3 access to this manager.
EncryptionStatus	Drive	string (enum)	The status of the encryption of this drive.
EncryptionTypes	Volume	array	The types of encryption used by this

			Volume.
Endpoint	Zone (Actions > AddEndpoint (Action))	object	The endpoint to add to the zone.
	Zone (Actions > RemoveEndpoint (Action))	object	The endpoint to remove from the zone.
EndpointETag	Zone (Actions > AddEndpoint (Action))	string	The current ETag of the endpoint to add to the zone.
	Zone (Actions > RemoveEndpoint (Action))	string	The current ETag of the endpoint to remove from the system.
EndpointGroups	Storage	object	All of the endpoint groups, each of which contains a set of endpoints that are used for a common purpose such as an ACL or logical identification, that belong to this storage subsystem.
	Fabric	object	The collection of links to the endpoint groups that this fabric contains.
EndpointProtocol	Endpoint	string (enum)	The protocol supported by this endpoint.
Endpoints	StorageController (Links)	array	An array of links to the endpoints that connect to this controller.
	MediaController (Links)	array	An array of links to the endpoints that connect to this media controller.
	MemoryChunks (Links)	array	An array of links to the endpoints that connect to this memory chunk.
	Switch (Links)	array	An array of links to the endpoints that connect to this switch.
	FabricAdapter (Links)	array	An array of links to the endpoints that represent the logical fabric connection to this fabric adapter.
	AddressPool (Links)	array	An array of links to the endpoints that this address pool contains.
	AccelerationFunction (Links), ComputerSystem (Links), Drive (Links), EthernetInterface (Links), NetworkDeviceFunction (Links), Processor (Links), Storage (StorageControllers > Links), Zone (Links)	array	An array of references to endpoints related to this Resource.
	EndpointGroup, EndpointGroup (Links)	array	The endpoints in this endpoint group.
	Fabric	object	The collection of links to the endpoints that this fabric contains.
EndTime	Job, Task	string	The date and time when the job or task was completed.
EndToEndCRCErrors	PortMetrics (GenZ)	integer	The total number of ECRC transient errors detected.
EnergykWh	EnvironmentMetrics	object	Energy consumption (kWh).
	PowerDistributionMetrics, PowerSupplyMetrics	object	The energy consumption of this unit.

	Circuit	object	The energy reading for this circuit.
	OutletGroup	object	The energy reading for this outlet group.
	Outlet	object	The energy reading for this outlet.
EngineeringChangeLevel	Assembly (Assemblies)	string	The engineering change level of the assembly.
EngineId	ManagerNetworkProtocol (SNMP)	object	The engine ID.
EnterpriseSpecificMethod	ManagerNetworkProtocol (SNMP > EngineId)	string	The enterprise specific method.
Entity	PrivilegeRegistry (Mappings)	string	The Resource name, such as `Manager`.
EntityLink	Endpoint (ConnectedEntities)		The link to the associated entity.
EntityPcild	Endpoint (ConnectedEntities)	object	The PCI ID of the connected entity.
EntityRole	Endpoint (ConnectedEntities)	string (enum)	The role of the connected entity.
EntityType	Endpoint (ConnectedEntities)	string (enum)	The type of the connected entity.
Entries	LogService	object	The link to the log entry collection.
EntryCode	LogEntry	string (enum)	The entry code for the log entry if the entry type is `SEL`.
EntryType	LogEntry	string (enum)	The type of log entry.
EnvironmentalClass	Chassis	string (enum)	The ASHRAE Environmental Class for this chassis.
EnvironmentMetrics	Chassis	object	The link to the environment metrics for this chassis.
	Drive	object	The link to the environment metrics for this drive.
	Facility	object	The link to the environment metrics for this facility.
	Memory	object	The link to the environment metrics for this memory.
	Processor	object	The link to the environment metrics for this processor.
EquipmentType	PowerDistribution	string (enum)	The type of equipment this resource represents.
ErrorCorrection	Memory	string (enum)	Error correction scheme supported for this memory device.
ESINumberRange	AddressPool (Ethernet > BGPEvpn)	object	The Ethernet Segment Identifier (ESI) number range for the fabric.
Ethernet	Port	object	Ethernet properties for this port.
	AddressPool	object	The Ethernet related properties for this address pool.
	NetworkDeviceFunction, Processor (FPGA >	object	The Ethernet-related information for this device or interface.

	ExternalInterfaces), Processor (FPGA > HostInterface)		
	Processor (SystemInterface)	object	The Ethernet-related information for this interface.
EthernetInterface	NetworkDeviceFunction (Links)	object	The link to a virtual Ethernet interface that was created when one of the network device function VLANs is represented as a virtual NIC for the purpose of showing the IP address associated with that VLAN.
EthernetInterfaces	PCleFunction (Links), ResourceBlock	array	An array of references to the Ethernet interfaces related to this Resource.
	ComputerSystem, Manager	object	The reference to the collection of Ethernet interfaces related to this Resource.
EthernetInterfaceType	EthernetInterface	string (enum)	The type of interface.
EventFormatType	EventService (SSEFilterPropertiesSupported)	boolean	An indication of whether the service supports filtering by the EventFormatType property.
	EventDestination	string (enum)	The content types of the message that are sent to the EventDestination.
EventFormatTypes	EventService	array	The content types of the message that this service can send to the event destination.
EventGroupId	LogEntry	integer	An identifier that correlates events with the same cause.
	EventService (Actions > SubmitTestEvent (Action))	integer	The group identifier for the event.
	Event (Events)	integer	The identifier that correlates events with the same root cause. If `0`, no other event is related to this event.
EventId	EventService (Actions > SubmitTestEvent (Action))	string	The ID for the event to add.
	LogEntry	string	The unique instance identifier for an event.
	Event (Events)	string	The unique instance identifier of an event.
Events	Event	array	Each event in this array has a set of properties that describe the event. Because this is an array, more than one event can be sent simultaneously.
EventService	ServiceRoot	object	The link to the Event Service.
EventTimestamp	EventService (Actions > SubmitTestEvent (Action))	string	The date and time for the event to add.
	LogEntry	string	The date and time when the event occurred.
	Event (Events)	string	The time the event occurred.
EventTriggers	Triggers	array	The array of MessageIds that specify

			when a trigger condition is met based on an event.
EventType	EventService (SSEFilterPropertiesSupported)	boolean	An indication of whether the service supports filtering by the EventType property.
	EventService (Actions > SubmitTestEvent (Action))	string (enum)	The type for the event to add.
	Event (Events), LogEntry	string (enum)	The type of event that was sent or logged.
EventTypes	EventDestination	array	The types of events that are sent to the destination.
EventTypesForSubscription	EventService	array	The types of events to which a client can subscribe.
EVINumberRange	AddressPool (Ethernet > BGPEvpn)	object	The Ethernet Virtual Private Network (EVPN) Instance number (EVI) number range for the fabric.
ExcerptQuery	ServiceRoot (ProtocolFeaturesSupported)	boolean	An indication of whether the service supports the excerpt query parameter.
Exhaust	ThermalMetrics (TemperatureSummaryCelsius)	object	The exhaust temperature of this subsystem.
ExpandAll	ServiceRoot (ProtocolFeaturesSupported > ExpandQuery)	boolean	An indication of whether the service supports the asterisk (*) option of the \$expand query parameter.
ExpandQuery	ServiceRoot (ProtocolFeaturesSupported)	object	The information about the use of \$expand in the service.
ExternalAccessibility	Zone	string (enum)	Indicates accessibility of endpoints in this zone to endpoints outside of this zone.
ExternalCompareRouterIdEnabled	AddressPool (Ethernet > EBGPPRoute), AddressPool (Ethernet > MultiProtocolEBGP > BGPPRoute), AddressPool (Ethernet > MultiProtocolIBGP > BGPPRoute)	boolean	Compare router id status.
ExternalInterfaces	Processor (FPGA)	array	An array of the FPGA external interfaces.
ExternallyAccessible	HostInterface	boolean	An indication of whether external entities can access this interface. External entities are non-host entities. For example, if the host and manager are connected through a switch and the switch also exposes an external port on the system, external clients can also use the interface, and this property value is `true`.
FabricAdapters	ComputerSystem	object	The link to the collection of fabric adapters associated with this system.
FabricLinkAddressRange	AddressPool (Ethernet > IPv4)	object	Link related addressing for this Ethernet fabric.
FabricName	Port (FibreChannel)	string	The Fibre Channel Fabric Name provided by the switch.

Fabrics	ServiceRoot	object	The link to a collection of all fabric entities.
FabricType	Fabric	string (enum)	The protocol being sent over this fabric.
Facilities	ServiceRoot	object	The link to a collection of facilities.
Facility	PowerDistribution (Links)	object	A link to the facility that contains this equipment.
	Chassis (Links)	object	The link to the facility that contains this chassis.
FacilityType	Facility	string (enum)	The type of location this resource represents.
FailurePredicted	Drive	boolean	An indication of whether this drive currently predicts a failure in the near future.
FallbackAddress	EthernetInterface (DHCPv4)	string (enum)	DHCPv4 fallback address method for this interface.
FanName	Thermal (Fans)	string	The name of the fan.
FanRedundancy	ThermalSubsystem	array	The redundancy information for the groups of fans in this subsystem.
Fans	Thermal	array	The set of fans for this chassis.
	ThermalSubsystem	object	The link to the collection of fans within this subsystem.
FanSpeedPercent	PowerSupplyMetrics	object	The fan speed reading for this power supply.
FanSpeedsPercent	EnvironmentMetrics	array	Fan speeds (percent).
FCFabricName	NetworkPort	string	The FC Fabric Name provided by the switch.
FCoEActiveVLANId	NetworkDeviceFunction (FibreChannel)	integer	The active FCoE VLAN ID.
FCoELocalVLANId	NetworkDeviceFunction (FibreChannel)	integer	The locally configured FCoE VLAN ID.
FCPortConnectionType	NetworkPort	string (enum)	The connection type of this port.
Feeders	PowerDistribution	object	A link to the feeder circuits for this equipment.
FibreChannel	Port	object	Fibre Channel properties for this port.
	NetworkDeviceFunction	object	The Fibre Channel capabilities, status, and configuration values for this network device function.
FibreChannelId	NetworkDeviceFunction (FibreChannel)	string	The Fibre Channel ID that the switch assigns for this interface.
FileSystems	Storage	object	All file systems that are allocated by this storage subsystem.
FilterQuery	ServiceRoot (ProtocolFeaturesSupported)	boolean	An indication of whether the service supports the \$filter query parameter.
FirmwareApiVersion	Memory	string	Version of API supported by the firmware.

FirmwareAuthEnabled	HostInterface	boolean	An indication of whether this firmware authentication is enabled for this interface.
FirmwareAuthRole	HostInterface (Links)	object	The link to the Redfish Role that has firmware authentication privileges on this Host Interface.
FirmwareAuthRoleId	HostInterface	string	The Role used for firmware authentication on this interface.
FirmwareId	Processor (FPGA)	string	The FPGA firmware identifier.
FirmwareInventory	UpdateService	object	An inventory of firmware.
FirmwareManufacturer	Processor (FPGA)	string	The FPGA firmware manufacturer.
FirmwarePackageVersion	NetworkAdapter (Controllers)	string	The version of the user-facing firmware package.
FirmwareRevision	Memory	string	Revision of firmware on the memory controller.
FirmwareVersion	AttributeRegistry (SupportedSystems), ComputerSystem (TrustedModules), Manager, PCleDevice, Power (PowerSupplies), Processor (FPGA), Storage (StorageControllers)	string	The firmware version for this device.
	PowerSupply	string	The firmware version for this power supply.
	Processor	string	The firmware version of the processor.
	PowerDistribution	string	The firmware version of this equipment.
	FabricAdapter	string	The firmware version of this fabric adapter.
	StorageController	string	The firmware version of this storage controller.
	Switch	string	The firmware version of this switch.
FirmwareVersion2	ComputerSystem (TrustedModules)	string	The second firmware version of this Trusted Module, if applicable.
FlapDampingEnabled	AddressPool (Ethernet > EBG > BGPRoute), AddressPool (Ethernet > MultiProtocolEBGP > BGPRoute), AddressPool (Ethernet > MultiProtocolBGP > BGPRoute)	boolean	Route flap dampening status.
FloorPDUs	Facility (Links)	array	An array of links to the floor power distribution units in this facility.
	PowerDomain (Links)	array	An array of links to the floor power distribution units in this power domain.
	PowerEquipment	object	A link to a collection of floor power distribution units.

FlowControl	SerialInterface	string (enum)	The type of flow control, if any, that is imposed on the serial connection.
FlowControlConfiguration	NetworkPort	string (enum)	The locally configured 802.3x flow control setting for this network port.
	Port (Ethernet)	string (enum)	The locally configured 802.3x flow control setting for this port.
FlowControlStatus	NetworkPort	string (enum)	The 802.3x flow control behavior negotiated with the link partner for this network port (Ethernet-only).
	Port (Ethernet)	string (enum)	The 802.3x flow control behavior negotiated with the link partner for this port.
ForceEnable (Action)	Volume (Actions)	object	Request system force the volume to an enabled state regardless of data loss.
ForceFailover (Action)	Manager (Actions)	object	The ForceFailover action forces a failover of this manager to the manager used in the parameter.
FormattedLBASize	Volume (NVMeNamespaceProperties)	string	The LBA data size and metadata size combination that the namespace has been formatted with.
FPGA	Processor	object	The properties for processors of the FPGA type.
FpgaReconfigurationSlots	AccelerationFunction	array	An array of the reconfiguration slot identifiers of the FPGA that this acceleration function occupies.
FpgaType	Processor (FPGA)	string (enum)	The FPGA type.
FQDN	EthernetInterface, ManagerNetworkProtocol	string	The DNS-obtained fully qualified domain name, including the host name and top-level domain name.
FrequencyHz	Circuit	object	The frequency reading for this circuit.
	Outlet	object	The frequency reading for this outlet.
	PowerSupplyMetrics	object	The frequency reading for this power supply.
FrequencyRatio	ProcessorMetrics	number	The frequency relative to the nominal processor frequency ratio.
FromAddress	EventService (SMTP)	string	The 'from' email address of the outgoing email.
FullDuplex	EthernetInterface	boolean	An indication of whether full-duplex mode is enabled on the Ethernet connection for this interface.
FunctionClasses	Memory	array	Function classes by the memory device.
FunctionEnabled	ComputerSystem (HostWatchdogTimer)	boolean	An indication of whether a user has enabled the host watchdog timer functionality. This property indicates only that a user has enabled the timer. To activate the timer, installation of additional host-based software is necessary; an update to this property does not initiate the

			timer.
FunctionId	PCleFunction	integer	The PCIe Function Number.
FunctionNumber	Endpoint (ConnectedEntities > EntityPcild), Endpoint (Pcild)	integer	The PCI ID of the connected entity.
FunctionType	PCleFunction	string (enum)	The type of the PCIe function.
GatewayIPAddress	AddressPool (Ethernet > BGPevpn), AddressPool (Ethernet > IPv4)	string	The gateway IPv4 address.
GCID	Endpoint (ConnectedEntities > GenZ)	object	The Global Component ID (GCID) for the entity.
GenerateCSR (Action)	CertificateService (Actions)	object	This action makes a certificate signing request.
GeneratedMetricReportValues	TelemetryService (Actions > SubmitTestMetricReport (Action))	array	The content of the MetricReportValues in the generated metric report.
GeneratorId	LogEntry	string	An identifier of the device that has generated the IPMI SEL Event Record.
GenZ	Port	object	Gen-Z specific properties.
	Endpoint (ConnectedEntities)	object	The Gen-Z related properties for the entity.
	AddressPool	object	The Gen-Z related properties for this address pool.
	FabricAdapter	object	The Gen-Z specific properties for this fabric adapter.
	PortMetrics	object	The port metrics specific to Gen-Z ports.
GET	PrivilegeRegistry (Mappings > OperationMap), PrivilegeRegistry (Mappings > PropertyOverrides > OperationMap), PrivilegeRegistry (Mappings > ResourceURIOverrides > OperationMap), PrivilegeRegistry (Mappings > SubordinateOverrides > OperationMap)	array	The required privilege for the HTTP GET operation.
GivenName	CertificateService (Actions > GenerateCSR (Action))	string	The given name of the user making the request.
GracefulRestart	AddressPool (Ethernet > EBGP), AddressPool (Ethernet > MultiProtocolEBGP), AddressPool (Ethernet > MultiProtocolBGP)	object	Graceful restart related properties.
GracefulRestartEnabled	AddressPool (Ethernet > EBGP > GracefulRestart), AddressPool (Ethernet > MultiProtocolEBGP > GracefulRestart),	boolean	Border Gateway Protocol (BGP) graceful restart status.

	AddressPool (Ethernet > MultiProtocolIBGP > GracefulRestart)		
GraphicalConsole	ComputerSystem	object	The information about the graphical console (KVM-IP) service of this system.
	Manager	object	The information about the graphical console service of this manager.
GrayOut	AttributeRegistry (RegistryEntries > Attributes), AttributeRegistry (RegistryEntries > Menus)	boolean	An indication of whether this attribute or menu is grayed out. A grayed-out menu is not accessible in user interfaces.
GroupNameAttribute	AccountService (TACACSplus > LDAPService > SearchSettings)	string	The attribute name that contains the LDAP group name entry.
	AccountService (ActiveDirectory > LDAPService > SearchSettings), AccountService (LDAP > LDAPService > SearchSettings), ExternalAccountProvider (LDAPService > SearchSettings)	string	The group name attribute. Contains the LDAP group name.
GroupsAttribute	AccountService (TACACSplus > LDAPService > SearchSettings)	string	The attribute name that contains the groups for a user on the LDAP user entry.
	AccountService (ActiveDirectory > LDAPService > SearchSettings), AccountService (LDAP > LDAPService > SearchSettings), ExternalAccountProvider (LDAPService > SearchSettings)	string	The groups attribute. Contains the groups on the LDAP user entry.
GroupType	EndpointGroup	string (enum)	The endpoint group type.
HEAD	PrivilegeRegistry (Mappings > OperationMap), PrivilegeRegistry (Mappings > PropertyOverrides > OperationMap), PrivilegeRegistry (Mappings > ResourceURIOverrides > OperationMap), PrivilegeRegistry (Mappings > SubordinateOverrides > OperationMap)	array	The required privilege for the HTTP HEAD operation.
HealthData	MemoryMetrics	object	The health information of the memory.
HeightMm	Chassis	number (mm)	The height of the chassis.
HelperModeEnabled	AddressPool (Ethernet > EBGP > GracefulRestart), AddressPool (Ethernet > MultiProtocolEBGP > GracefulRestart),	boolean	Graceful restart helper mode status.

	AddressPool (Ethernet > MultiProtocolIBGP > GracefulRestart)		
HelpText	AttributeRegistry (RegistryEntries > Attributes)	string	The help text for the attribute.
Hidden	AttributeRegistry (RegistryEntries > Attributes), AttributeRegistry (RegistryEntries > Menus)	boolean	An indication of whether this attribute or menu is hidden.
HideCommunityStrings	ManagerNetworkProtocol (SNMP)	boolean	Indicates if the community strings should be hidden.
HidePayload	Job, Task	boolean	An indication of whether the contents of the payload are hidden from view after the job or task is created. When True, a GET operation does not return the payload.
HighSpeedCoreIDs	Processor	array	The list of core identifiers corresponding to the cores that have been configured with the higher clock speed from the operating configuration applied to this processor.
HitRatio	ProcessorMetrics (Cache), ProcessorMetrics (CacheMetrics), ProcessorMetrics (CoreMetrics > CoreCache)	number	The cache line hit ratio.
HoldTimeSeconds	AddressPool (Ethernet > EBGPP > BGPNeighbor), AddressPool (Ethernet > MultiProtocolEBGP > BGPNeighbor), AddressPool (Ethernet > MultiProtocolIBGP > BGPNeighbor)	integer	Border Gateway Protocol (BGP) hold timer in seconds.
HopCount	RouteSetEntry	integer	The number of hops.
HostAddressRange	AddressPool (Ethernet > IPv4)	object	IPv4 related end host subnet addressing for this Ethernet fabric.
HostedServices	ComputerSystem	object	The services that this computer system supports.
HostEthernetInterfaces	HostInterface	object	A link to the collection of network interface controllers or cards (NICs) that a computer system uses to communicate with this Host Interface.
HostingRole	ComputerSystem (HostingRoles)	string (enum)	The enumerations of HostingRoles specify different features that the hosting ComputerSystem supports.
HostingRoles	ComputerSystem	array	The hosting roles that this computer system supports.
HostInterface	EthernetInterface (Links), Processor (FPGA)	object	The interface to the host.
HostInterfaces	Manager	object	The link to a collection of host interfaces that this manager uses for local host communication. Clients can find host interface configuration

			options and settings in this navigation property.
HostInterfaceType	HostInterface	string (enum)	The Host Interface type for this interface.
HostName	ComputerSystem, EthernetInterface, ManagerNetworkProtocol	string	The DNS host name without the domain information.
	AggregationSource	string	The URI of the system to be accessed.
HostReservationMemoryBytes	Endpoint	integer (bytes)	The amount of memory in bytes that the host should allocate to connect to this endpoint.
HostWatchdogTimer	ComputerSystem	object	The host watchdog timer functionality for this system.
HotKeySequenceDisplay	ComputerSystem (SerialConsole > IPMI), ComputerSystem (SerialConsole > SSH), ComputerSystem (SerialConsole > Telnet)	string	The hotkey sequence available for the user to exit the serial console session.
HotPluggable	Fan, PowerSupply	boolean	An indication of whether this device can be inserted or removed while the equipment is in operation.
	PCleSlots (Slots)	boolean	An indication of whether this PCIe slot supports hotplug.
	Power (PowerSupplies), Thermal (Fans)	boolean	An indication of whether this slot supports hot plugging, which enables insertion of a device into or removal of a device from this slot while the equipment is in operation.
HotspareReplacementMode	Drive	string (enum)	The replacement mode for the hot spare drive.
HotspareType	Drive	string (enum)	The type of hot spare that this drive currently serves as.
HTTP	ManagerNetworkProtocol	object	The settings for this manager's HTTP protocol support.
HttpBootUri	ComputerSystem (Boot)	string	The URI to boot from when BootSourceOverrideTarget is set to `UefiHttp`.
HttpHeaders	EventDestination, Job (Payload), Task (Payload)	array	The HTTP headers in this task or job or supplied to an EventDestination when an Event is sent. For EventDestination usage, the GET operation returns a null object.
HttpOperation	Job (Payload), Task (Payload)	string	The HTTP operation to complete this job or task.
HttpPushUri	UpdateService	string	The URI used to perform an HTTP or HTTPS push update to the update service. The format of the message is vendor-specific.
HttpPushUriApplyTime	UpdateService (HttpPushUriOptions)	object	The settings for when to apply HttpPushUri-provided firmware.

HttpPushUriOptions	UpdateService	object	The options for HttpPushUri-provided software updates.
HttpPushUriOptionsBusy	UpdateService	boolean	An indication of whether a client has reserved the HttpPushUriOptions properties for software updates.
HttpPushUriTargets	UpdateService	array	An array of URIs that indicate where to apply the update image.
HttpPushUriTargetsBusy	UpdateService	boolean	An indication of whether any client has reserved the HttpPushUriTargets property.
HTTPS	ManagerNetworkProtocol	object	The settings for this manager's HTTPS protocol support.
HumidityPercent	EnvironmentMetrics	object	Humidity (percent).
IBGPAddressRange	AddressPool (Ethernet > IPv4)	object	Internal BGP (iBGP) related addressing for this Ethernet fabric.
IdentificationRegisters	Processor (ProcessorId)	string	The raw manufacturer-provided processor identification registers for this processor.
Identifier	Drive (Identifiers), Endpoint (ConnectedEntities > Identifiers), Endpoint (Identifiers), NetworkAdapter (Controllers > Identifiers), NetworkAdapter (Identifiers), Storage (Identifiers), Storage (StorageControllers > Identifiers), StorageController (Identifiers), Volume (Identifiers), Zone (Identifiers)	object	Any additional identifiers for a resource.
	EndpointGroup	object	The durable name for the endpoint group.
Identifiers	Drive, Storage (StorageControllers), Volume	array	The durable names for the drives, storage controllers, or volumes.
	NetworkAdapter (Controllers)	array	The durable names for the network adapter controller.
	NetworkAdapter	array	The durable names for the network adapter.
	StorageController	array	The durable names for the storage controller.
	Storage	array	The durable names for the storage subsystem.
	Endpoint (ConnectedEntities), Endpoint, Zone	array	The identifiers for the endpoints, remote entities, or zones.
Image	VirtualMedia	string	The URI of the location of the selected image.
	VirtualMedia (Actions > InsertMedia (Action))	string	The URI of the remote media to attach to the virtual media.
ImageName	VirtualMedia	string	The current image name.

ImageURI	UpdateService (Actions > SimpleUpdate (Action))	string	The URI of the software image to install.
Immutable	AttributeRegistry (RegistryEntries > Attributes)	boolean	An indication of whether this attribute is immutable. Immutable attributes shall not be modified and typically reflect a hardware state.
Implementation	MetricDefinition	string (enum)	The implementation of the metric.
	Sensor	string (enum)	The implementation of the sensor.
IncludeOriginOfCondition	EventDestination	boolean	An indication of whether the events subscribed to will also include the entire resource or object referenced the OriginOfCondition property in the event payload.
IncludeOriginOfConditionSupported	EventService	boolean	An indication of whether the service supports including the resource payload of the origin of condition in the event payload.
IndicatorLED	Circuit	string (enum)	The state of the indicator LED, which identifies the circuit.
	Outlet	string (enum)	The state of the indicator LED, which identifies the outlet.
	Chassis, ComputerSystem, Drive, Power (PowerSupplies), Switch, Thermal (Fans)	string (enum)	The state of the indicator LED, which identifies this device.
InfiniBand	NetworkDeviceFunction	object	The InfiniBand capabilities, status, and configuration values for this network device function.
Initialize (Action)	Volume (Actions)	object	This action is used to prepare the contents of the volume for use by the system. If InitializeMethod is not specified in the request body, but the property InitializeMethod is specified, the property InitializeMethod value should be used. If neither is specified, the InitializeMethod should be Foreground.
InitializeMethod	Volume	string (enum)	Indicates the Initialization Method used for this volume. If InitializeMethod is not specified, the InitializeMethod should be Foreground.
	Volume (Actions > Initialize (Action))	string (enum)	The type of initialization to be performed.
InitializeType	Volume (Actions > Initialize (Action))	string (enum)	The type of initialization to be performed.
Initials	CertificateService (Actions > GenerateCSR (Action))	string	The initials of the user making the request.
InitiatorDefaultGateway	NetworkDeviceFunction (iSCSIBoot)	string	The IPv6 or IPv4 iSCSI boot default gateway.

InitiatorEndpointGroups	Connection (Links)	array	An array of links to the initiator endpoint groups that are associated with this connection.
InitiatorEndpoints	Connection (Links)	array	An array of links to the initiator endpoints that are associated with this connection.
InitiatorIPAddress	NetworkDeviceFunction (iSCSIBoot)	string	The IPv6 or IPv4 address of the iSCSI initiator.
InitiatorName	NetworkDeviceFunction (iSCSIBoot)	string	The iSCSI initiator name.
InitiatorNetmask	NetworkDeviceFunction (iSCSIBoot)	string	The IPv6 or IPv4 netmask of the iSCSI boot initiator.
InputCurrentAmps	PowerSupplyMetrics	object	The input current reading for this power supply.
InputNominalVoltageType	PowerSupply	string (enum)	The nominal voltage type of the line input to this power supply.
InputPowerWatts	PowerSupplyMetrics	object	The input power reading for this power supply.
InputRanges	Power (PowerSupplies), PowerSupply	array	The input ranges that the power supply can use.
InputType	Power (PowerSupplies > InputRanges)	string (enum)	The Input type (AC or DC).
InputVoltage	PowerSupplyMetrics	object	The input voltage reading for this power supply.
Inserted	VirtualMedia (Actions > InsertMedia (Action))	boolean	An indication of whether the image is treated as inserted upon completion of the action. The default is `true`.
	VirtualMedia	boolean	An indication of whether virtual media is inserted into the virtual device.
InsertMedia (Action)	VirtualMedia (Actions)	object	This action attaches remote media to virtual media.
InstructionSet	Processor	string (enum)	The instruction set of the processor.
InstructionsPerCycle	ProcessorMetrics (CoreMetrics)	number	The number of instructions per clock cycle of this core.
Intake	ThermalMetrics (TemperatureSummaryCelsius)	object	The intake temperature of this subsystem.
IntegratedMemory	Processor (ProcessorMemory)	boolean	An indication of whether this memory is integrated within the processor.
InterfaceEnabled	Port	boolean	An indication of whether the interface is enabled.
	EthernetInterface, HostInterface, SerialInterface	boolean	An indication of whether this interface is enabled.
InterfaceType	ComputerSystem (TrustedModules)	string (enum)	The interface type of the Trusted Module.
	Processor (FPGA > ExternalInterfaces), Processor (FPGA > HostInterface),	string (enum)	The interface type.

	Processor (SystemInterface)		
InterfaceTypeSelection	ComputerSystem (TrustedModules)	string (enum)	The interface type selection supported by this Trusted Module.
InterleavableMemorySets	MemoryDomain	array	The interleave sets for the memory chunk.
InterleaveSets	MemoryChunks	array	The interleave sets for the memory chunk.
Internal	ThermalMetrics (TemperatureSummaryCelsius)	object	The internal temperature of this subsystem.
IntervallnMin	Power (PowerControl > PowerMetrics)	integer (min)	The time interval, or window, over which the power metrics are measured.
IntrusionSensor	Chassis (PhysicalSecurity)	string (enum)	This indicates the known state of the physical security sensor, such as if it is hardware intrusion detected.
IntrusionSensorNumber	Chassis (PhysicalSecurity)	integer	A numerical identifier to represent the physical security sensor.
IntrusionSensorReArm	Chassis (PhysicalSecurity)	string (enum)	The method that restores this physical security sensor to the normal state.
InvolvedSwitches	Zone (Links)	array	The links to the collection of switches in this zone.
IOPerfModeEnabled	Volume	boolean	Indicates the IO performance mode setting for the volume.
IOStallCount	ProcessorMetrics (CoreMetrics)	number	The number of stalled cycles due to I/O operations.
IOStatistics	Volume	object	Statistics for this volume.
IPAddressType	NetworkDeviceFunction (iSCSIBoot)	string (enum)	The type of IP address being populated in the iSCSIBoot IP address fields.
IPMaskDNSViaDHCP	NetworkDeviceFunction (iSCSIBoot)	boolean	An indication of whether the iSCSI boot initiator uses DHCP to obtain the initiator name, IP address, and netmask.
IPMI	ComputerSystem (SerialConsole)	object	The connection details for an IPMI Serial-over-LAN service.
	ManagerNetworkProtocol	object	The settings for this manager's IPMI-over-LAN protocol support.
IPTransportDetails	Endpoint	array	An array of details for each IP transport supported by this endpoint. The array structure can model multiple IP addresses for this endpoint.
IPv4	AddressPool (Ethernet)	object	IPv4 and Virtual LAN (VLAN) related addressing for this Ethernet fabric.
IPv4Address	Endpoint (IPTransportDetails), EthernetInterface (IPv4Addresses), EthernetInterface (IPv4StaticAddresses)	object	The IPv4 address assigned to the endpoint or interface.
IPv4Addresses	EthernetInterface	array	The IPv4 addresses currently in use by this interface.

IPv4AutoConfigEnabled	EthernetInterface (StatelessAddressAutoConfig)	boolean	An indication of whether IPv4 stateless address autoconfiguration (SLAAC) is enabled for this interface.
IPv4StaticAddresses	EthernetInterface	array	The IPv4 static addresses assigned to this interface. See IPv4Addresses for the addresses in use by this interface.
IPv6Address	Endpoint (IPTransportDetails), EthernetInterface (IPv6Addresses)	object	The IPv6 address assigned to the endpoint or interface.
IPv6Addresses	EthernetInterface	array	The IPv6 addresses currently in use by this interface.
IPv6AddressPolicyTable	EthernetInterface	array	An array that represents the RFC6724-defined address selection policy table.
IPv6AutoConfigEnabled	EthernetInterface (StatelessAddressAutoConfig)	boolean	An indication of whether IPv6 stateless address autoconfiguration (SLAAC) is enabled for this interface.
IPv6DefaultGateway	EthernetInterface	string	The IPv6 default gateway address in use on this interface.
IPv6GatewayStaticAddress	EthernetInterface (IPv6StaticDefaultGateways)	object	This type represents a single IPv6 static address to be assigned on a network interface.
IPv6StaticAddress	EthernetInterface (IPv6StaticAddresses)	object	This type represents a single IPv6 static address to be assigned on a network interface.
IPv6StaticAddresses	EthernetInterface	array	The IPv6 static addresses assigned to this interface. See IPv6Addresses for the addresses in use by this interface.
IPv6StaticDefaultGateways	EthernetInterface	array	The IPv6 static default gateways for this interface.
iSCSIBoot	NetworkDeviceFunction	object	The iSCSI boot capabilities, status, and configuration values for this network device function.
IsLinear	MetricDefinition	boolean	An indication of whether the metric values are linear versus non-linear.
IsManaged	Switch	boolean	An indication of whether the switch is in a managed or unmanaged state.
IsMirrorEnabled	MemoryChunks	boolean	An indication of whether memory mirroring is enabled for this memory chunk.
IsPredefined	Role	boolean	An indication of whether the role is predefined by Redfish or an OEM rather than a client-defined role.
IsRankSpareEnabled	Memory	boolean	An indication of whether rank spare is enabled for this memory device.
IsShareable	Volume (NVMeNamespaceProperties)	boolean	Indicates the namespace is shareable.
IsSpare	MemoryChunks	boolean	An indication of whether sparing is enabled for this memory chunk.
IsSpareDeviceEnabled	Memory	boolean	An indication of whether a spare device is enabled for this memory

			device.
Issuer	Certificate	object	The issuer of the certificate.
IsSystemUniqueProperty	AttributeRegistry (RegistryEntries > Attributes)	boolean	An indication of whether this attribute is unique for this system and should not be replicated.
Jobs	JobService	object	The links to the jobs collection.
JobService	ServiceRoot	object	The link to the JobService.
JobState	Job	string (enum)	The state of the job.
JobStatus	Job	string (enum)	The status of the job.
JournalingMedia	Volume (Links)		A pointer to the Resource that serves as a journaling media for this volume.
JsonBody	Job (Payload), Task (Payload)	string	The JSON payload in this job or task.
JsonSchemas	ServiceRoot	object	The link to a collection of JSON Schema files.
KeepaliveIntervalSeconds	AddressPool (Ethernet > EBGPP > BGPNeighbor), AddressPool (Ethernet > MultiProtocolEBGP > BGPNeighbor), AddressPool (Ethernet > MultiProtocolBGP > BGPNeighbor)	integer	Border Gateway Protocol (BGP) Keepalive timer in seconds.
KerberosKeytab	AccountService (ActiveDirectory > Authentication), AccountService (LDAP > Authentication), AccountService (TACACSplus > Authentication), ExternalAccountProvider (Authentication)	string	The Base64-encoded version of the Kerberos keytab for this service. A PATCH or PUT operation writes the keytab. This property is `null` in responses.
KernelAuthEnabled	HostInterface	boolean	An indication of whether this kernel authentication is enabled for this interface.
KernelAuthRole	HostInterface (Links)	object	The link to the Redfish Role defining privileges for this Host Interface when using kernel authentication.
KernelAuthRoleId	HostInterface	string	The Role used for kernel authentication on this interface.
KernelPercent	ProcessorMetrics	number (%)	The percentage of time spent in kernel mode.
KeyBitLength	Certificate (Actions > Rekey (Action)), CertificateService (Actions > GenerateCSR (Action))	integer	The length of the key, in bits, if needed based on the KeyPairAlgorithm parameter value.
KeyChain	AddressPool (Ethernet > BFDSingleHopOnly)	string	Bidirectional Forwarding Detection (BFD) Key Chain name.
KeyCurveId	Certificate (Actions > Rekey (Action)),	string	The curve ID to use with the key, if needed based on the

	CertificateService (Actions > GenerateCSR (Action))		KeyPairAlgorithm parameter value.
KeyPairAlgorithm	Certificate (Actions > Rekey (Action)), CertificateService (Actions > GenerateCSR (Action))	string	The type of key-pair for use with signing algorithms.
Keys	MetricReportDefinition (Wildcards)	array	An array of values to substitute for the wildcard.
KeyUsage	Certificate	array	The key usage extension, which defines the purpose of the public keys in this certificate.
	CertificateService (Actions > GenerateCSR (Action))	array	The usage of the key contained in the certificate.
	Certificate (KeyUsage), CertificateService (Actions > GenerateCSR (Action) > KeyUsage)	string (enum)	The usages of a key contained within a certificate.
KVMIP	ManagerNetworkProtocol	object	The settings for this manager's KVM-IP protocol support that apply to all system instances controlled by this manager.
Label	EthernetInterface (IPv6AddressPolicyTable)	integer	The IPv6 label, as defined in RFC6724, section 2.1.
Lanes	PCleSlots (Slots)	integer	The number of PCIe lanes supported by this slot.
LanesInUse	PCleDevice (PCleInterface)	integer	The number of PCIe lanes in use by this device.
Language	AttributeRegistry, JsonSchemaFile (Location), MessageRegistry, MessageRegistryFile (Location)	string	The RFC5646-compliant language code for the Schema file or registry.
Languages	MessageRegistryFile	array	The RFC5646-conformant language codes for the available Message Registries.
	JsonSchemaFile	array	The RFC5646-conformant language codes for the available schemas.
LastPowerOutputWatts	Power (PowerSupplies)	number (Watts)	The average power output of this power supply.
LastResetTime	Manager	string	The date and time when the manager was last reset or rebooted.
	ComputerSystem	string	The date and time when the system was last reset or rebooted.
LastShutdownSuccess	MemoryMetrics (HealthData)	boolean	An indication of whether the last shutdown succeeded.
LastState	ComputerSystem (BootProgress)	string (enum)	The last boot progress state.
LastStateTime	ComputerSystem (BootProgress)	string	The date and time when the last boot state was updated.
LDAP	AccountService	object	The first LDAP external account provider that this account service supports.

LDAPService	AccountService (ActiveDirectory), AccountService (LDAP), AccountService (TACACSPplus), ExternalAccountProvider	object	The additional mapping information needed to parse a generic LDAP service.
Level	ProcessorMetrics (CoreMetrics > CStateResidency)	string	The C-state level, such as C0, C1, or C2.
	ProcessorMetrics (Cache), ProcessorMetrics (CacheMetrics), ProcessorMetrics (CoreMetrics > CoreCache)	string	The cache level.
Levels	ServiceRoot (ProtocolFeaturesSupported > ExpandQuery)	boolean	An indication of whether the service supports the \$levels option of the \$expand query parameter.
LifeCycleEventOnTaskStateChange	TaskService	boolean	An indication of whether a task state change sends an event.
LifeTime	ProcessorMetrics (Cache), ProcessorMetrics (CacheMetrics), ProcessorMetrics (CoreMetrics > CoreCache)	object	The cache metrics for the lifetime of this processor.
	MemoryMetrics	object	The memory metrics for the lifetime of the memory.
LifetimeReading	<i>various</i> (Circuit (EnergykWh), Circuit (PolyPhaseEnergykWh > Line1ToLine2) ...)	number	The total accumulation value for this sensor.
LimitException	Power (PowerControl > PowerLimit)	string (enum)	The action that is taken if the power cannot be maintained below the LimitInWatts.
LimitInWatts	Power (PowerControl > PowerLimit)	number (Watts)	The power limit, in watts. If `null`, power capping is disabled.
Line1	Circuit (PolyPhaseCurrentAmps), Outlet (PolyPhaseCurrentAmps)	object	Line 1 current sensor.
Line1ToLine2	Circuit (PolyPhaseEnergykWh)	object	The Line 1 to Line 2 energy reading for this circuit.
	Circuit (PolyPhasePowerWatts)	object	The Line 1 to Line 2 power reading for this circuit.
	Circuit (PolyPhaseVoltage)	object	The Line 1 to Line 2 voltage reading for this circuit.
	Outlet (PolyPhaseVoltage)	object	The Line 1 to Line 2 voltage reading for this outlet.
Line1ToNeutral	Circuit (PolyPhaseEnergykWh)	object	The Line 1 to Neutral energy reading for this circuit.
	Circuit (PolyPhasePowerWatts)	object	The Line 1 to Neutral power reading for this circuit.
	Circuit (PolyPhaseVoltage)	object	The Line 1 to Neutral voltage reading for this circuit.
	Outlet (PolyPhaseVoltage)	object	The Line 1 to Neutral voltage reading

			for this outlet.
Line2	Circuit (PolyPhaseCurrentAmps), Outlet (PolyPhaseCurrentAmps)	object	Line 2 current sensor.
Line2ToLine3	Circuit (PolyPhaseEnergykWh)	object	The Line 2 to Line 3 energy reading for this circuit.
	Circuit (PolyPhasePowerWatts)	object	The Line 2 to Line 3 power reading for this circuit.
	Circuit (PolyPhaseVoltage)	object	The Line 2 to Line 3 voltage reading for this circuit.
	Outlet (PolyPhaseVoltage)	object	The Line 2 to Line 3 voltage reading for this outlet.
Line2ToNeutral	Circuit (PolyPhaseEnergykWh)	object	The Line 2 to Neutral energy reading for this circuit.
	Circuit (PolyPhasePowerWatts)	object	The Line 2 to Neutral power reading for this circuit.
	Circuit (PolyPhaseVoltage)	object	The Line 2 to Neutral voltage reading for this circuit.
	Outlet (PolyPhaseVoltage)	object	The Line 2 to Neutral voltage reading for this outlet.
Line3	Circuit (PolyPhaseCurrentAmps), Outlet (PolyPhaseCurrentAmps)	object	Line 3 current sensor.
Line3ToLine1	Circuit (PolyPhaseEnergykWh)	object	The Line 3 to Line 1 energy reading for this circuit.
	Circuit (PolyPhasePowerWatts)	object	The Line 3 to Line 1 power reading for this circuit.
	Circuit (PolyPhaseVoltage)	object	The Line 3 to Line 1 voltage reading for this circuit.
	Outlet (PolyPhaseVoltage)	object	The Line 3 to Line 1 voltage reading for this outlet.
Line3ToNeutral	Circuit (PolyPhaseEnergykWh)	object	The Line 3 to Neutral energy reading for this circuit.
	Circuit (PolyPhasePowerWatts)	object	The Line 3 to Neutral power reading for this circuit.
	Circuit (PolyPhaseVoltage)	object	The Line 3 to Neutral voltage reading for this circuit.
	Outlet (PolyPhaseVoltage)	object	The Line 3 to Neutral voltage reading for this outlet.
LineInputVoltage	Power (PowerSupplies)	number (Volts)	The line input voltage at which the power supply is operating.
LineInputVoltageType	Power (PowerSupplies)	string (enum)	The line voltage type supported as an input to this power supply.
LinkConfiguration	Port	array	The link configuration of this port.
LinkNetworkTechnology	NetworkPort (SupportedLinkCapabilities), Port	string (enum)	The link network technology capabilities of this port.

LinkNTE	PortMetrics (GenZ)	integer	The total number of link-local non-transient errors detected.
Links	ServiceRoot (ProtocolFeaturesSupported > ExpandQuery)	boolean	An indication of whether the tilde (~) option of the \$expand query parameter is supported. This option expands all hyperlinks found in the Links property section of the Resource.
	<i>various</i> (AddressPool, AggregationSource ...)	object	The links to other resources that are related to this resource.
	FabricAdapter, MemoryDomain	object	The links to other Resources that are related to this Resource.
	<i>various</i> (AccelerationFunction, CertificateLocations ...)	object	The references to other Resources related to this Resource.
LinkSpeedMbps	NetworkPort (SupportedLinkCapabilities)	integer (Mbit/s)	The speed of the link in Mbit/s when this link network technology is active.
LinkState	Port	string (enum)	The desired link state for this interface.
LinkStatus	Port	string (enum)	The desired link status for this interface.
	EthernetInterface, NetworkPort	string (enum)	The status between this port and its link.
LinkTransitionIndicator	Port	integer	The number of link state transitions for this interface.
LLRRecovery	PortMetrics (GenZ)	integer	The total number of times Link-Level Reliability (LLR) recovery has been initiated.
LoadPercent	PowerSupply (EfficiencyRatings)	number (%)	The electrical load for this rating.
	Sensor	number (%)	The power load utilization for this sensor.
LocalAccountAuth	AccountService	string (enum)	An indication of how the service uses the accounts collection within this account service as part of authentication. The enumerated values describe the details for each mode.
LocalAS	AddressPool (Ethernet > EBGPNearNeighbor), AddressPool (Ethernet > MultiProtocolEBGP > BGPNeighbor), AddressPool (Ethernet > MultiProtocolBGP > BGPNeighbor)	integer	Local Autonomous System (AS) number.
LocalMemoryBandwidthBytes	ProcessorMetrics	integer (bytes)	The local memory bandwidth usage in bytes.
LocalMultiplier	AddressPool (Ethernet > BFDSingleHopOnly)	integer	Bidirectional Forwarding Detection (BFD) multiplier value.
LocalRole	AccountService (ActiveDirectory >	string	The name of the local Redfish role to which to map the remote user or

	RemoteRoleMapping), AccountService (LDAP > RemoteRoleMapping), AccountService (TACACSplus > RemoteRoleMapping), ExternalAccountProvider (RemoteRoleMapping)		group.
Location	Drive, JsonSchemaFile, MessageRegistryFile	array	The location of the drive or file.
	Assembly (Assemblies)	object	The location of the assembly.
	PowerDistribution	object	The location of the equipment.
	Facility	object	The location of the facility.
	Fan	object	The location of the fan.
	Manager	object	The location of the manager.
	NetworkAdapter	object	The location of the network adapter.
	PowerSupply	object	The location of the power supply.
	StorageController	object	The location of the storage controller.
	<i>various</i> (Chassis, Drive (Location) ...)	object	The physical location of the Resource.
LocationIndicatorActive	<i>various</i> (Assembly (Assemblies), Chassis ...)	boolean	An indicator allowing an operator to physically locate this resource.
Locked	ManagerAccount	boolean	An indication of whether the account service automatically locked the account because the lockout threshold was exceeded. To manually unlock the account before the lockout duration period, an administrator can change the property to `false` to clear the lockout condition.
Log	JobService	object	The link to a log service that the job service uses. This service can be a dedicated log service or a pointer a log service under another resource, such as a manager.
LogEntryType	LogService	string (enum)	The format of the log entries.
LogFacilities	EventDestination (SyslogFilters), LogService (SyslogFilters)	array	The types of programs that can log messages.
LogicalProcessorCount	ComputerSystem (ProcessorSummary)	integer	The number of logical processors in the system.
LogicalSizeMiB	Memory	integer (mebibytes)	Total size of the logical memory in MiB.
LogicalUnitNumber	Volume	integer	Indicates the host-visible LogicalUnitNumber assigned to this Volume.
LogService	TelemetryService	object	The link to a log service that the telemetry service uses. This service can be a dedicated log service or a

			pointer a log service under another resource, such as a manager.
LogServices	Chassis, ComputerSystem, Manager, Switch	object	A reference to the collection of log services.
LogStateChangesEnabled	AddressPool (Ethernet > EBG > BGPNeighbor), AddressPool (Ethernet > MultiProtocolEBGP > BGPNeighbor), AddressPool (Ethernet > MultiProtocolIBGP > BGPNeighbor)	boolean	Border Gateway Protocol (BGP) neighbor log state change status.
LoopbackAddressRange	AddressPool (Ethernet > IPv4)	object	Loopback related addressing for this Ethernet fabric.
Lower	AddressPool (Ethernet > EBG > ASNumberRange), AddressPool (Ethernet > MultiProtocolEBGP > ASNumberRange), AddressPool (Ethernet > MultiProtocolIBGP > ASNumberRange)	integer	Lower Autonomous System (AS) number.
	AddressPool (Ethernet > BGPEvpn > ESINumberRange)	integer	Lower Ethernet Segment Identifier (ESI) number.
	AddressPool (Ethernet > BGPEvpn > EVINumberRange)	integer	Lower Ethernet Virtual Private Network (EVPN) Instance (EVI) number.
	AddressPool (Ethernet > BGPEvpn > RouteDistinguisherRange)	integer	Lower Route Distinguisher (RD) number.
	AddressPool (Ethernet > BGPEvpn > RouteTargetRange)	integer	Lower Route Target (RT) number.
	AddressPool (Ethernet > BGPEvpn > VLANIdentifierAddressRange), AddressPool (Ethernet > IPv4 > VLANIdentifierAddressRange)	integer	Virtual LAN (VLAN) tag lower value.
	AddressPool (Ethernet > IPv4 > EBGPAddressRange), AddressPool (Ethernet > IPv4 > FabricLinkAddressRange), AddressPool (Ethernet > IPv4 > HostAddressRange), AddressPool (Ethernet > IPv4 > IBGPAddressRange), AddressPool (Ethernet > IPv4 > LoopbackAddressRange), AddressPool (Ethernet > IPv4 > ManagementAddressRange)	string	Lower IPv4 network address.
LowerBound	AttributeRegistry (RegistryEntries > Attributes)	integer	The lower limit for an integer attribute.
LowerCaution	Sensor (Thresholds)	object	The value at which the reading is below normal range.
LowerCautionUser	Sensor (Thresholds)	object	The value at which the reading is

			below normal range.
LowerCritical	Sensor (Thresholds), Triggers (NumericThresholds)	object	Below normal range but not fatal. Requires attention.
LowerCriticalUser	Sensor (Thresholds)	object	The value at which the reading is below normal range but not yet fatal.
LowerFatal	Sensor (Thresholds)	object	The value at which the reading is below normal range and fatal.
LowerThresholdCritical	Thermal (Fans)	integer	The value at which the reading is below normal range but not yet fatal.
	Thermal (Temperatures)	number (Celsius)	The value at which the reading is below normal range but not yet fatal.
	Power (Voltages)	number (Volts)	The value at which the reading is below normal range but not yet fatal.
LowerThresholdFatal	Thermal (Fans)	integer	The value at which the reading is below normal range and fatal.
	Thermal (Temperatures)	number (Celsius)	The value at which the reading is below normal range and fatal.
	Power (Voltages)	number (Volts)	The value at which the reading is below normal range and fatal.
LowerThresholdNonCritical	Thermal (Fans)	integer	The value at which the reading is below normal range.
	Thermal (Temperatures)	number (Celsius)	The value at which the reading is below normal range.
	Power (Voltages)	number (Volts)	The value at which the reading is below normal range.
LowerThresholdUser	Thermal (Temperatures)	integer (Celsius)	The value at which the reading is below the user-defined range.
LowerWarning	Triggers (NumericThresholds)	object	The value at which the reading is below normal range.
LowestSeverity	EventDestination (SyslogFilters)	string (enum)	The lowest severity level message that will be forwarded.
	LogService (SyslogFilters)	string (enum)	The lowest severity level message that will be logged.
LowestSupportedVersion	SoftwareInventory	string	The lowest supported version of this software.
LowSpaceWarningThresholdPercents	Volume	array (%)	Low space warning.
LPRT	Port (GenZ)	object	The Linear Packet Relay Table for the port.
LUNID	NetworkDeviceFunction (FibreChannel > BootTargets)	string	The logical unit number (LUN) ID from which to boot on the device to which the corresponding WWPN refers.
MACAddress	EthernetInterface, NetworkDeviceFunction (Ethernet)	string	The currently configured MAC address for the interface.
Mains	PowerDistribution	object	A link to the power input circuits for this equipment.
MaintenanceWindowDurationInSeconds	UpdateService	integer	The expiry time, in seconds, of the

	(HttpPushUriOptions > HttpPushUriApplyTime)	(seconds)	maintenance window.
MaintenanceWindowStartTime	UpdateService (HttpPushUriOptions > HttpPushUriApplyTime)	string	The start time of a maintenance window.
ManagedBy	PowerDistribution (Links)	array	An array of links to the managers responsible for managing this equipment.
	Facility (Links)	array	An array of links to the managers responsible for managing this facility.
	PowerDomain (Links)	array	An array of links to the managers responsible for managing this power domain.
	PowerEquipment (Links)	array	An array of links to the managers responsible for managing this power equipment.
	Chassis (Links), ComputerSystem (Links), Switch (Links)	array	An array of references to the managers of this Resource.
	Manager (Links)	array	The array of links to the managers responsible for managing this manager.
ManagementAddressRange	AddressPool (Ethernet > IPv4)	object	Management related addressing for this Ethernet fabric.
ManagerEthernetInterface	HostInterface	object	A link to a single network interface controllers or cards (NIC) that this manager uses for network communication with this Host Interface.
ManagerForChassis	Manager (Links)	array	An array of links to the chassis this manager controls.
ManagerForManagers	Manager (Links)	array	An array of links to the managers that are managed by this manager.
ManagerForServers	Manager (Links)	array	An array of links to the systems that this manager controls.
ManagerForSwitches	Manager (Links)	array	An array of links to the switches that this manager controls.
ManagerInChassis	Manager (Links)	object	The link to the chassis where this manager is located.
Managers	ServiceRoot	object	The link to a collection of managers.
ManagersInChassis	Chassis (Links)	array	An array of links to the managers located in this chassis.
ManagerType	Manager	string (enum)	The type of manager that this resource represents.
Manufacturer	PowerDistribution	string	The manufacturer of this equipment.
	Fan	string	The manufacturer of this fan.
	Manager	string	The manufacturer of this manager.
	MediaController	string	The manufacturer of this media controller.

	PowerSupply	string	The manufacturer of this power supply.
	StorageController	string	The manufacturer of this storage controller.
	FabricAdapter	string	The manufacturer or OEM of this fabric adapter.
	Volume	string	The manufacturer or OEM of this storage volume.
	<i>various</i> (AccelerationFunction, Chassis ...)	string	The manufacturer or producer of this device or Resource.
MapFrom	AttributeRegistry (RegistryEntries > Dependencies > Dependency)	array	An array of the map-from conditions for a mapping dependency.
MapFromAttribute	AttributeRegistry (RegistryEntries > Dependencies > Dependency > MapFrom)	string	The attribute to use to evaluate this dependency expression.
MapFromCondition	AttributeRegistry (RegistryEntries > Dependencies > Dependency > MapFrom)	string (enum)	The condition to use to evaluate this dependency expression.
MapFromProperty	AttributeRegistry (RegistryEntries > Dependencies > Dependency > MapFrom)	string (enum)	The metadata property for the attribute that the MapFromAttribute property specifies to use to evaluate this dependency expression.
MapFromValue	AttributeRegistry (RegistryEntries > Dependencies > Dependency > MapFrom)	boolean, number, string	The value to use to evaluate this dependency expression.
Mappings	PrivilegeRegistry	array	The mappings between entities and the relevant privileges that access those entities.
MapTerms	AttributeRegistry (RegistryEntries > Dependencies > Dependency > MapFrom)	string (enum)	The logical term that combines two or more map-from conditions in this dependency expression. For example, `AND` for logical AND, or `OR` for logical OR.
MapToAttribute	AttributeRegistry (RegistryEntries > Dependencies > Dependency)	string	The AttributeName of the attribute that is affected by this dependency expression.
MapToProperty	AttributeRegistry (RegistryEntries > Dependencies > Dependency)	string (enum)	The metadata property for the attribute that contains the map-from condition that evaluates this dependency expression.
MapToValue	AttributeRegistry (RegistryEntries > Dependencies > Dependency)	boolean, number, string	The value that the map-to property changes to if the dependency expression evaluates to `true`.
MarkedECN	PortMetrics (GenZ)	integer	The number of packets with the Congestion ECN bit set.
MaxAllowableOperatingValue	Thermal (Temperatures)	integer (Celsius)	Maximum allowable operating temperature for this equipment.
	Sensor	number	The maximum allowable operating

			value for this equipment.
MaxBandwidthGbps	Switch	number (Gbit/s)	The maximum internal bandwidth of this switch as currently configured.
MaxBlockSizeBytes	Volume	integer (bytes)	Max Block size in bytes.
MaxBWAllocPercent	NetworkPort (NetDevFuncMaxBWAlloc)	integer (%)	The maximum bandwidth allocation percentage allocated to the corresponding network device function instance.
MaxCID	AddressPool (GenZ)	integer	The maximum value for the Component Identifier (CID).
MaxCompositions	ResourceBlock (CompositionStatus)	integer	The maximum number of compositions in which this resource block can participate simultaneously.
MaxConcurrentSessions	Manager (CommandShell), Manager (GraphicalConsole), Manager (SerialConsole)	integer	The maximum number of service sessions, regardless of protocol, that this manager can support.
	ComputerSystem (GraphicalConsole), ComputerSystem (SerialConsole)	integer	The maximum number of service sessions, regardless of protocol, that this system can support.
MaxConsumedWatts	Power (PowerControl > PowerMetrics)	number (Watts)	The highest power consumption level, in watts, that has occurred over the measurement window within the last IntervallInMin minutes.
MaxDeviceLogins	NetworkAdapter (Controllers > ControllerCapabilities > NPIV)	integer	The maximum number of N_Port ID Virtualization (NPIV) logins allowed simultaneously from all ports on this controller.
MaxExecutionTime	Job	string	The maximum amount of time the job is allowed to execute.
MaxFrameSize	NetworkPort, Port	integer (bytes)	The maximum frame size supported by the port.
MaxImageSizeBytes	UpdateService	integer (bytes)	The maximum size in bytes of the software update image that this service supports.
MaximumFrequencyHz	Power (PowerSupplies > InputRanges)	number (Hz)	The maximum line input frequency at which this power supply input range is effective.
MaximumPaths	AddressPool (Ethernet > EBG > MultiplePaths), AddressPool (Ethernet > MultiProtocolEBGP > MultiplePaths), AddressPool (Ethernet > MultiProtocolIBGP > MultiplePaths)	integer	Maximum paths number.
MaximumValue	ActionInfo (Parameters)	number	The maximum supported value for this parameter.
MaximumVoltage	Power (PowerSupplies > InputRanges)	number (Volts)	The maximum line input voltage at which this power supply input range is effective.
MaxIPv6StaticAddresses	EthernetInterface	integer	The maximum number of static IPv6

			addresses that can be configured on this interface.
MaxJobs	JobService (ServiceCapabilities)	integer	The maximum number of jobs supported.
MaxJunctionTemperatureCelsius	OperatingConfig	integer (Celsius)	The maximum temperature of the junction in degrees Celsius.
MaxLanes	Processor (SystemInterface > Ethernet)	integer	The number of lanes supported by this interface.
	PCleDevice (PCleInterface), Processor (FPGA > ExternalInterfaces > Ethernet), Processor (FPGA > HostInterface > Ethernet)	integer	The number of lanes that this interface supports.
MaxLength	AttributeRegistry (RegistryEntries > Attributes)	integer	The maximum character length of a string attribute.
MaxLevels	ServiceRoot (ProtocolFeaturesSupported > ExpandQuery)	integer	The maximum \$levels option value in the \$expand query parameter.
	ServiceRoot (ProtocolFeaturesSupported > DeepOperations)	integer	The maximum levels of resources allowed in deep operations.
MaxNumberOfRecords	LogService	integer	The maximum number of log entries that this service can have.
MaxPassphraseCount	Memory (SecurityCapabilities)	integer	Maximum number of passphrases supported for this memory device.
MaxPasswordLength	AccountService	integer	The maximum password length for this account service.
MaxPCleType	PCleDevice (PCleInterface)	string (enum)	The highest version of the PCIe specification supported by this device.
MaxPortLogins	NetworkAdapter (Controllers > ControllerCapabilities > NPIV)	integer	The maximum number of N_Port ID Virtualization (NPIV) logins allowed per physical port on this controller.
MaxPowerWatts	Chassis	number (Watts)	The upper bound of the total power consumed by the chassis.
MaxPrefix	AddressPool (Ethernet > EBG > BGPNeighbor), AddressPool (Ethernet > MultiProtocolEBGP > BGPNeighbor), AddressPool (Ethernet > MultiProtocolIBGP > BGPNeighbor)	object	Border Gateway Protocol (BGP) max prefix properties.
MaxPrefixNumber	AddressPool (Ethernet > EBG > BGPNeighbor > MaxPrefix), AddressPool (Ethernet > MultiProtocolEBGP > BGPNeighbor > MaxPrefix), AddressPool (Ethernet > MultiProtocolIBGP > BGPNeighbor > MaxPrefix)	integer	Maximum prefix number.
MaxQueueSize	StorageController (NVMeControllerProperties)	integer	The maximum individual queue size that an NVMe IO controller supports.
MaxReadingRange	Thermal (Fans)	integer	Maximum value for this sensor.

	MetricDefinition	number	The maximum value for the reading.
	Power (Voltages)	number (Volts)	Maximum value for this sensor.
MaxReadingRangeTemp	Thermal (Temperatures)	number (Celsius)	Maximum value for this sensor.
MaxReports	TelemetryService	integer	The maximum number of metric reports that this service supports.
MaxSID	AddressPool (GenZ)	integer	The maximum value for the Subnet Identifier (SID).
MaxSpeedGbps	Port	number (Gbit/s)	The maximum speed of this port as currently configured.
MaxSpeedMbps	Processor (FPGA > ExternalInterfaces > Ethernet), Processor (FPGA > HostInterface > Ethernet), Processor (SystemInterface > Ethernet)	integer (Mbit/s)	The maximum speed supported by this interface.
MaxSpeedMHz	Processor	integer (MHz)	The maximum clock speed of the processor.
	OperatingConfig	integer (MHz)	The maximum clock speed to which the processor can be configured in MHz.
	OperatingConfig (TurboProfile)	integer (MHz)	The maximum turbo clock speed that correspond to the number of active cores in MHz.
MaxSteps	JobService (ServiceCapabilities)	integer	The maximum number of job steps supported.
MaxTDPMilliWatts	Memory	array (milliWatts)	Set of maximum power budgets supported by the memory device in milliwatts.
	Memory (PowerManagementPolicy)	integer (milliWatts)	Maximum TDP in milliwatts.
MaxTDPWatts	Processor	integer (Watts)	The maximum Thermal Design Power (TDP) in watts.
MaxVirtualFunctions	NetworkDeviceFunction	integer	The number of virtual functions that are available for this network device function.
MaxZones	Fabric	integer	The maximum number of zones the switch can currently configure.
Measurement	SoftwareInventory	object	A DSP0274-defined measurement block.
	SoftwareInventory (Measurement)	string	The hexadecimal string representation of the numeric value of the DSP0274-defined Measurement field of the measurement block.
Measurements	Chassis, ComputerSystem, Drive, Memory, NetworkAdapter, Processor, Storage (StorageControllers),	array	An array of DSP0274-defined measurement blocks.

	StorageController, Switch		
MeasurementSize	SoftwareInventory (Measurement)	integer	The DSP0274-defined MeasurementSize field of the measurement block.
MeasurementSpecification	SoftwareInventory (Measurement)	integer	The DSP0274-defined MeasurementSpecification field of the measurement block.
MED	AddressPool (Ethernet > EBGp), AddressPool (Ethernet > MultiProtocolEBGP)	integer	BGP Multi Exit Discriminator (MED) value.
MediaControllers	MemoryDomain (Links)	array	An array of links to the media controllers for this memory domain.
	Chassis	object	The link to the collection of media controllers located in this chassis.
MediaControllerType	MediaController	string (enum)	The type of media controller.
MediaInReadOnly	StorageController (NVMeControllerProperties > NVMeSMARTCriticalWarnings)	boolean	Indicates the media has been placed in read only mode.
MediaSpanCount	Volume	integer	Indicates the number of media elements used per span in the secondary RAID for a hierarchical RAID type.
	Volume (Actions > ChangeRAIDLAYOUT (Action))	integer	The requested number of media elements used per span in the secondary RAID for a hierarchical RAID type.
MediaType	Drive	string (enum)	The type of media contained in this drive.
MediaTypes	VirtualMedia	array	The media types supported as virtual media.
MemberId	Assembly (Assemblies), Event (Events), Power (PowerControl), Power (PowerSupplies), Power (Voltages), Storage (StorageControllers), Thermal (Fans), Thermal (Temperatures)	string	The identifier for the member within the collection.
	Power (Actions > PowerSupplyReset (Action))	string	The MemberId of the power supply within the PowerSupplies array on which to perform the reset.
Memory	Processor (Links)	array	An array of links to the memory associated with this processor.
	ResourceBlock	array	An array of links to the memory available in this resource block.
	MemoryChunks (InterleaveSets)	object	Describes a memory device of the interleave set.
	ComputerSystem	object	The link to the collection of memory associated with this system.

	Chassis	object	The link to the collection of memory located in this chassis.
MemoryChunks	MemoryDomain	object	The link to the collection of memory chunks associated with this memory domain.
MemoryChunkSizeMiB	MemoryChunks	integer (mebibytes)	Size of the memory chunk measured in mebibytes (MiB).
MemoryClassification	Memory (Regions)	string (enum)	The classification of memory that the memory region occupies.
MemoryController	Memory (MemoryLocation)	integer	The memory controller number to which the memory device is connected.
MemoryDeviceType	Memory	string (enum)	Type details of the memory device.
MemoryDomains	MediaController (Links)	array	An array of links to the memory domains associated with this media controller.
	ComputerSystem	object	The link to the collection of memory domains associated with this system.
	Chassis	object	The link to the collection of memory domains located in this chassis.
MemoryLevel	MemoryChunks (InterleaveSets)	integer	Level of the interleave set for multi-level tiered memory.
MemoryLocation	Memory	object	Memory connection information to sockets and memory controllers.
MemoryMedia	Memory	array	Media of this memory device.
MemoryMirroring	ComputerSystem (MemorySummary)	string (enum)	The ability and type of memory mirroring that this computer system supports.
MemorySet	MemoryDomain (InterleavableMemorySets)	array	The set of memory for a particular interleave set.
MemoryStallCount	ProcessorMetrics (CoreMetrics)	number	The number of stalled cycles due to memory operations.
MemorySubsystemControllerManufacturerID	Memory	string	The manufacturer ID of the memory subsystem controller of this memory device.
MemorySubsystemControllerProductID	Memory	string	The product ID of the memory subsystem controller of this memory device.
MemorySummary	ComputerSystem	object	The central memory of the system in general detail.
	Processor	object	The summary of all memory associated with this processor.
MemoryType	Memory, Processor (ProcessorMemory)	string (enum)	The type of memory.
MenuName	AttributeRegistry (RegistryEntries > Menus)	string	The unique name string of this menu.
MenuPath	AttributeRegistry (RegistryEntries > Attributes), AttributeRegistry	string	The menu hierarchy path for an attribute or for a menu relative to other menus.

	(RegistryEntries > Menus)		
Menus	AttributeRegistry (RegistryEntries)	array	An array for the attributes menus and their hierarchy in the attribute registry.
Message	Job (Messages), Task (Messages)	object	The message that the Redfish service returns.
	Event (Events)	string	The human-readable event message.
	EventService (Actions > SubmitTestEvent (Action))	string	The human-readable message for the event to add.
	LogEntry	string	The message of the log entry. This property decodes from the entry type. If the entry type is `Event`, this property contains a message. If the entry type is `SEL`, this property contains an SEL-specific message. Otherwise, this property contains an OEM-specific log entry. In most cases, this property contains the actual log entry.
MessageArgs	EventService (Actions > SubmitTestEvent (Action))	array	An array of message arguments for the event to add.
	Event (Events), LogEntry	array	An array of message arguments. These arguments replace the message arguments in a message in the message registry.
MessageId	EventService (SSEFilterPropertiesSupported)	boolean	An indication of whether the service supports filtering by the MessageId property.
	Event (Events)	string	The identifier for the message.
	EventService (Actions > SubmitTestEvent (Action))	string	The MessageId for the event to add.
	LogEntry	string	The MessageId, event data, or OEM-specific information. This property decodes from the entry type. If the entry type is `Event`, this property contains a Redfish Specification-defined MessageId. If the entry type is `SEL`, this property contains the Event Data. Otherwise, this property contains OEM-specific information.
MessageIds	EventDestination	array	The list of MessageIds that the service sends. If this property is absent or the array is empty, events with any MessageId are sent to the subscriber.
Messages	Job, Task	array	An array of messages related to the job or task.
	MessageRegistry	object	The message keys contained in the message registry.
MessageSeverity	Event (Events)	string (enum)	The severity of the message in this event.
MetadataTransferredAtEndOfDataLBA	Volume (NVMeNamespaceProperties)	boolean	This property indicates whether or not the metadata is transferred at the end of the LBA creating an extended data LBA.

MeticulousModeEnabled	AddressPool (Ethernet > BFDSingleHopOnly)	boolean	Meticulous MD5 authentication of the Bidirectional Forwarding Detection (BFD) session.
MetricDataType	MetricDefinition	string (enum)	The data type of the metric.
MetricDefinition	MetricReport (MetricValues), TelemetryService (Actions > SubmitTestMetricReport (Action) > GeneratedMetricReportValues)	object	The link to the metric definition for this metric.
MetricDefinitions	TelemetryService	object	The link to the collection of metric definitions.
MetricId	MetricReport (MetricValues), MetricReportDefinition (Metrics)	string	The label for the metric definition, which matches the Id property value of the corresponding metric definition.
	TelemetryService (Actions > SubmitTestMetricReport (Action) > GeneratedMetricReportValues)	string	The metric definitions identifier for this metric.
MetricProperties	MetricDefinition, MetricReportDefinition, MetricReportDefinition (Metrics), Triggers	array	An array of URIs that contains optional wildcards and property identifiers. The Wildcards array property specifies the character or characters that replace each wildcard. After each wildcard in a URI is replaced, the URI references a Resource property. A metric definition can apply to this property, or this property is included in a metric report. The property identifiers portion of the URI shall follow RFC6901-defined JSON fragment notation rules.
MetricProperty	MetricReport (MetricValues), TelemetryService (Actions > SubmitTestMetricReport (Action) > GeneratedMetricReportValues)	string	The URI for the property from which this metric is derived.
MetricReport	MetricReportDefinition	object	The location where the resultant metric report is placed.
MetricReportDefinition	EventService (SSEFilterPropertiesSupported)	boolean	An indication of whether the service supports filtering by the MetricReportDefinition property.
	MetricReport	object	The link to the definition of this metric report.
MetricReportDefinitionEnabled	MetricReportDefinition	boolean	An indication of whether the generation of new metric reports is enabled.
MetricReportDefinitions	EventDestination	array	A list of metric report definitions for which the service only sends related metric reports. If this property is absent or the array is empty, metric reports that originate from any metric report definition are sent to the subscriber.
	Triggers (Links)	array	The metric report definitions that generate new metric reports when a

			trigger condition is met and when the TriggerActions property contains `RedfishMetricReport`.
	TelemetryService	object	The link to the collection of metric report definitions.
MetricReportDefinitionType	MetricReportDefinition	string (enum)	Specifies when the metric report is generated.
MetricReportHeartbeatInterval	MetricReportDefinition	string	The interval at which to send the complete metric report because the Redfish client wants refreshed metric data even when the data has not changed. This property value is always greater than the recurrence interval of a metric report, and it only applies when the SuppressRepeatedMetricValue property is `true`.
MetricReportName	TelemetryService (Actions > SubmitTestMetricReport (Action))	string	The name of the metric report in generated metric report.
MetricReports	TelemetryService	object	The link to the collection of metric reports.
MetricReportValues	TelemetryService (Actions > SubmitTestMetricReport (Action))	string	The contents of MetricReportValues array in the generated metric report.
Metrics	MetricReportDefinition	array	The list of metrics to include in the metric report. The metrics might include metric properties or calculations applied to a metric property.
	PowerDistribution	object	A link to the summary metrics for this equipment.
	Processor (MemorySummary)	object	The link to the memory metrics associated with all memory of this processor.
	ComputerSystem (MemorySummary)	object	The link to the metrics associated with all memory in this system.
	Port	object	The link to the metrics associated with this port.
	PowerSupply	object	The link to the power supply metrics resource associated with this power supply.
	ComputerSystem (ProcessorSummary), Memory, Processor	object	The reference to the metrics related to all processors, a processor, or the memory in this system.
MetricType	Triggers	string (enum)	The metric type of the trigger.
	MetricDefinition	string (enum)	The type of metric.
MetricValue	MetricReport (MetricValues), TelemetryService (Actions > SubmitTestMetricReport (Action) >	string	The metric value, as a string.

	GeneratedMetricReportValues)		
MetricValues	MetricReport	array	An array of metric values for the metered items of this metric report.
MicrocodeInfo	Processor (ProcessorId)	string	The microcode information for this processor.
MinAllowableOperatingValue	Thermal (Temperatures)	integer (Celsius)	Minimum allowable operating temperature for this equipment.
	Sensor	number	The minimum allowable operating value for this equipment.
MinAssignmentGroupSize	NetworkAdapter (Controllers > ControllerCapabilities > VirtualizationOffload > VirtualFunction)	integer	The minimum number of virtual functions that can be allocated or moved between physical functions for this controller.
MinBWAllocPercent	NetworkPort (NetDevFuncMinBWAlloc)	integer (%)	The minimum bandwidth allocation percentage allocated to the corresponding network device function instance.
MinCID	AddressPool (GenZ)	integer	The minimum value for the Component Identifier (CID).
MinCollectionInterval	TelemetryService	string	The minimum time interval between gathering metric data that this service allows.
MinConsumedWatts	Power (PowerControl > PowerMetrics)	number (Watts)	The lowest power consumption level, in watts, over the measurement window that occurred within the last IntervalInMin minutes.
MinimumAdvertisementIntervalSeconds	AddressPool (Ethernet > EBGPP > BGPNeighbor), AddressPool (Ethernet > MultiProtocolEBGP > BGPNeighbor), AddressPool (Ethernet > MultiProtocolIBGP > BGPNeighbor)	integer	Minimum Border Gateway Protocol (BGP) advertisement interval in seconds.
MinimumFrequencyHz	Power (PowerSupplies > InputRanges)	number (Hz)	The minimum line input frequency at which this power supply input range is effective.
MinimumHopCount	RouteEntry	integer	The minimum number of hops.
MinimumValue	ActionInfo (Parameters)	number	The minimum supported value for this parameter.
MinimumVoltage	Power (PowerSupplies > InputRanges)	number (Volts)	The minimum line input voltage at which this power supply input range is effective.
MinLength	AttributeRegistry (RegistryEntries > Attributes)	integer	The minimum character length of the string attribute.
MinPasswordLength	AccountService	integer	The minimum password length for this account service.
MinPowerWatts	Chassis	number (Watts)	The lower bound of the total power consumed by the chassis.
MinReadingRange	Thermal (Fans)	integer	Minimum value for this sensor.
	MetricDefinition	number	Minimum value for metric reading.

	Power (Voltages)	number (Volts)	Minimum value for this sensor.
MinReadingRangeTemp	Thermal (Temperatures)	number (Celsius)	Minimum value for this sensor.
MinSID	AddressPool (GenZ)	integer	The minimum value for the Subnet Identifier (SID).
MinSpeedMHz	Processor	integer (MHz)	The minimum clock speed of the processor in MHz.
Model	StorageController	string	The model number for the storage controller.
	Fan	string	The model number for this fan.
	PowerSupply	string	The model number for this power supply.
	Volume	string	The model number for this storage volume.
	<i>various</i> (Assembly (Assemblies), Chassis ...)	string	The model number of this product or device.
	MediaController	string	The model of this media controller.
	FabricAdapter	string	The model string for this fabric adapter.
	Memory	string	The product model number of this device.
	PowerDistribution	string	The product model number of this equipment.
Modified	LogEntry	string	The date and time when the log entry was last modified.
ModifyRedundancySet (Action)	Manager (Actions)	object	The ModifyRedundancySet operation adds members to or removes members from a redundant group of managers.
ModuleManufacturerID	Memory	string	The manufacturer ID of this memory device.
ModuleProductID	Memory	string	The product ID of this memory device.
MPRT	Port (GenZ)	object	the Multi-subnet Packet Relay Table for the port.
MSDT	FabricAdapter (GenZ)	object	The Multi Subnet Destination Table for the component.
MTUSize	EthernetInterface, NetworkDeviceFunction (Ethernet)	integer	The configured maximum transmission unit (MTU) for this interface.
	NetworkDeviceFunction (InfiniBand)	integer	The maximum transmission unit (MTU) configured for this network device function.
MTUSizeMaximum	NetworkDeviceFunction (Ethernet)	integer	The largest maximum transmission unit (MTU) size supported for this network device function.
MultihopEnabled	AddressPool (Ethernet > EBG),	boolean	External BGP (eBGP) multihop status.

	AddressPool (Ethernet > MultiProtocolEBGP)		
MultihopTTL	AddressPool (Ethernet > EBGP), AddressPool (Ethernet > MultiProtocolEBGP)	integer	External BGP (eBGP) multihop Time to Live (TTL) value.
MultipartHttpPushUri	UpdateService	string	The URI used to perform a Redfish Specification-defined Multipart HTTP or HTTPS push update to the update service.
Multipath	Drive	boolean	An indication of whether the drive is accessible from multiple paths.
MultiplePaths	AddressPool (Ethernet > EBGP), AddressPool (Ethernet > MultiProtocolEBGP), AddressPool (Ethernet > MultiProtocolIBGP)	object	Multiple path related properties.
MultiProtocolEBGP	AddressPool (Ethernet)	object	Multi Protocol eBGP (MP eBGP) related properties for this Ethernet fabric.
MultiProtocolIBGP	AddressPool (Ethernet)	object	Multi Protocol iBGP (MP iBGP) related properties for this Ethernet fabric.
MutualCHAPSecret	NetworkDeviceFunction (iSCSIBoot)	string	The CHAP secret for two-way CHAP authentication.
MutualCHAPUsername	NetworkDeviceFunction (iSCSIBoot)	string	The CHAP user name for two-way CHAP authentication.
MutuallyExclusiveEndpoints	Endpoint (Links)	array	An array of links to the endpoints that cannot be used in zones if this endpoint is in a zone.
NameServers	EthernetInterface	array	The DNS servers in use on this interface.
NamespaceFeatures	Volume (NVMeNamespaceProperties)	object	This property contains a set of Namespace Features.
NamespaceId	Volume (NVMeNamespaceProperties)	string	The NVMe Namespace Identifier for this namespace.
NativeVLAN	AddressPool (Ethernet > IPv4)	integer	The native Virtual LAN (VLAN) tag value.
NDPProxyEnabled	AddressPool (Ethernet > BGPEvpn)	boolean	Network Discovery Protocol (NDP) proxy status.
NDPSuppressionEnabled	AddressPool (Ethernet > BGPEvpn)	boolean	Network Discovery Protocol (NDP) suppression status.
NegotiatedSpeedGbs	Drive	number (Gbit/s)	The speed, in gigabit per second (Gbit/s), at which this drive currently communicates to the storage controller.
NetDevFuncCapabilities	NetworkDeviceFunction	array	An array of capabilities for this network device function.
NetDevFuncMaxBWAlloc	NetworkPort	array	An array of maximum bandwidth allocation percentages for the network device functions associated with this

			port.
NetDevFuncMinBWAlloc	NetworkPort	array	An array of minimum bandwidth allocation percentages for the network device functions associated with this port.
NetDevFuncType	NetworkDeviceFunction	string (enum)	The configured capability of this network device function.
NetworkAdapter	NetworkInterface (Links)	object	The link to the network adapter that contains this network interface.
NetworkAdapters	Chassis	object	The link to the collection of network adapters associated with this chassis.
NetworkDeviceFunction	Endpoint (Links)	array	When NetworkDeviceFunction resources are present, this array contains links to the network device functions that connect to this endpoint.
	NetworkPort (NetDevFuncMaxBWAlloc), NetworkPort (NetDevFuncMinBWAlloc)	object	The link to the network device function associated with this bandwidth setting of this network port.
	EthernetInterface (Links)	object	The link to the parent network device function and is only used when representing one of the VLANs on that network device function, such as is done in Unix.
NetworkDeviceFunctionCount	NetworkAdapter (Controllers > ControllerCapabilities)	integer	The maximum number of physical functions available on this controller.
NetworkDeviceFunctions	NetworkAdapter (Controllers > Links), PCleFunction (Links)	array	An array of references to the network device functions that either a PCIe device produces or is associated with a network controller.
	NetworkAdapter, NetworkInterface	object	The reference to a collection of network device functions associated with a network adapter or network interface.
NetworkInterfaces	ResourceBlock	array	An array of links to the Network Interfaces available in this resource block.
	ComputerSystem	object	The link to the collection of Network Interfaces associated with this system.
NetworkPortCount	NetworkAdapter (Controllers > ControllerCapabilities)	integer	The number of physical ports on this controller.
NetworkPortMaxCount	NetworkAdapter (Controllers > ControllerCapabilities > VirtualizationOffload > VirtualFunction)	integer	The maximum number of virtual functions supported per network port for this controller.
NetworkPorts	NetworkAdapter (Controllers > Links)	array	An array of links to the network ports associated with this network controller.
	NetworkAdapter, NetworkInterface	object	The reference to a collection of network ports associated with this network adapter or network interface.

NetworkProtocol	HostInterface, Manager	object	The reference to the network services and their settings that the manager controls. The client can find the network configuration options and network services in this property.
Neutral	Circuit (PolyPhaseCurrentAmps), Outlet (PolyPhaseCurrentAmps)	object	Neutral line current sensor.
NewManager	Manager (Actions > ForceFailover (Action))	object	The manager to which to fail over.
NewPassword	Bios (Actions > ChangePassword (Action))	string	The new BIOS password.
NodeGUID	NetworkDeviceFunction (InfiniBand)	string	This is the currently configured node GUID of the network device function.
NoLinks	ServiceRoot (ProtocolFeaturesSupported > ExpandQuery)	boolean	An indication of whether the service supports the period (`. `) option of the \$expand query parameter.
NominalVoltage	PowerSupply (OutputRails)	number	The nominal voltage of this output power rail.
	Circuit	string (enum)	The nominal voltage for this circuit.
	Outlet	string (enum)	The nominal voltage for this outlet.
NominalVoltageType	PowerSupply (InputRanges)	string (enum)	The input voltage range.
NonCRCTransientErrors	PortMetrics (GenZ)	integer	The total number transient errors detected that are unrelated to CRC validation.
NonVolatileSizeMiB	Memory	integer (mebibytes)	Total size of the non-volatile portion memory in MiB.
NotifyIPv6Scope	ManagerNetworkProtocol (SSDP)	string (enum)	The IPv6 scope for multicast NOTIFY messages for SSDP.
NotifyMulticastIntervalSeconds	ManagerNetworkProtocol (SSDP)	integer (seconds)	The time interval, in seconds, between transmissions of the multicast NOTIFY ALIVE message from this service for SSDP.
NotifyTTL	ManagerNetworkProtocol (SSDP)	integer	The time-to-live hop count for SSDP multicast NOTIFY messages.
NPAR	NetworkAdapter (Controllers > ControllerCapabilities)	object	NIC Partitioning (NPAR) capabilities for this controller.
NparCapable	NetworkAdapter (Controllers > ControllerCapabilities > NPAR)	boolean	An indication of whether the controller supports NIC function partitioning.
NparEnabled	NetworkAdapter (Controllers > ControllerCapabilities > NPAR)	boolean	An indication of whether NIC function partitioning is active on this controller.
NPIV	NetworkAdapter (Controllers > ControllerCapabilities)	object	N_Port ID Virtualization (NPIV) capabilities for this controller.
NTP	ManagerNetworkProtocol	object	The settings for this manager's NTP protocol support.
NTPOffsetHoursMinutes	AddressPool (Ethernet > IPv4)	integer	The Network Time Protocol (NTP) offset configuration.

NTPServer	AddressPool (Ethernet > IPv4)	array	The Network Time Protocol (NTP) servers for this Ethernet fabric.
NTPServers	ManagerNetworkProtocol (NTP)	array	Indicates to which NTP servers this manager is subscribed.
NTPTimezone	AddressPool (Ethernet > IPv4)	string	The Network Time Protocol (NTP) timezone for this Ethernet fabric.
NumberDiscoveredRemotePorts	Port (FibreChannel)	integer	The number of ports not on the associated device that the associated device has discovered through this port.
	NetworkPort	integer	The number of ports not on this adapter that this port has discovered.
NumberLBAFormats	Volume (NVMeNamespaceProperties)	integer (bytes)	The number of LBA data size and metadata size combinations supported by this namespace. The value of this property is between 0 and 16.
NumberOfCompositions	ResourceBlock (CompositionStatus)	integer	The number of compositions in which this resource block is currently participating.
NumericThresholds	Triggers	object	The thresholds when a numeric metric triggers.
NVMeControllerAttributes	StorageController (NVMeControllerProperties)	object	The NVMe controller attributes.
NVMeControllerProperties	StorageController	object	The NVMe related properties for this storage controller.
NVMeNamespaceProperties	Volume	object	This property contains properties to use when Volume is used to describe an NVMe Namespace.
NVMeSMARTCriticalWarnings	StorageController (NVMeControllerProperties)	object	The NVMe SMART Critical Warnings for this storage controller. This property contains possible triggers for the predictive drive failure warning for the corresponding drive.
NVMeVersion	StorageController (NVMeControllerProperties), Volume (NVMeNamespaceProperties)	string	The version of the NVMe Base Specification supported.
ObjectDataType	ActionInfo (Parameters)	string	The data type of an object-based parameter.
OccupancyBytes	ProcessorMetrics (Cache), ProcessorMetrics (CacheMetrics), ProcessorMetrics (CoreMetrics > CoreCache)	integer (bytes)	The total cache level occupancy in bytes.
OccupancyPercent	ProcessorMetrics (Cache), ProcessorMetrics (CacheMetrics), ProcessorMetrics (CoreMetrics > CoreCache)	number (%)	The total cache occupancy percentage.
OEMAccountTypes	ManagerAccount	array	The OEM account types.
OEMCalculationAlgorithm	MetricDefinition	string	The OEM-defined calculation that is performed on a source metric to

			obtain the metric being defined.
OEMDiagnosticDataType	LogService (Actions > CollectDiagnosticData (Action))	string	The OEM-defined type of diagnostic data to collect.
	LogEntry	string	The OEM-defined type of diagnostic data.
OemLastState	ComputerSystem (BootProgress)	string	The OEM-specific last state, if the LastState type is `OEM`.
OemLogEntryCode	LogEntry	string	The OEM-specific entry code, if the LogEntryCode type is `OEM`.
OemPrivileges	Role	array	The OEM privileges for this role.
OEMPrivilegesUsed	PrivilegeRegistry	array	The set of OEM privileges used in this mapping.
OEMProtocol	EventDestination	string	The OEM-defined protocol type of the event connection.
OemRecordFormat	LogEntry	string	The OEM-specific format of the entry. If the entry type is `Oem`, this property contains more information about the record format from the OEM.
OemSensorType	LogEntry	string	The OEM-specific sensor type if the sensor type is `OEM`.
OemSessionType	Session	string	The active OEM-defined session type.
OEMSubscriptionType	EventDestination	string	The OEM-defined subscription type for events.
OffsetMiB	MemoryChunks (InterleaveSets)	integer (mebibytes)	Offset within the DIMM that corresponds to the start of this memory region, measured in mebibytes (MiB).
	Memory (Regions)	integer (mebibytes)	Offset within the memory that corresponds to the start of this memory region in mebibytes (MiB).
OldPassword	Bios (Actions > ChangePassword (Action))	string	The existing BIOS password.
OnlyMemberQuery	ServiceRoot (ProtocolFeaturesSupported)	boolean	An indication of whether the service supports the only query parameter.
OperatingConfigs	Processor	object	The link to the collection operating configurations that can be applied to this processor.
OperatingMemoryModes	Memory	array	Memory modes supported by the memory device.
OperatingMode	EthernetInterface (DHCPv6)	string (enum)	Determines the DHCPv6 operating mode for this interface.
OperatingSpeedMhz	Memory	integer (MHz)	Operating speed of the memory device in MHz or MT/s as appropriate.
OperatingSpeedMHz	MemoryMetrics	integer (MHz)	Operating speed of memory in MHz or MT/s as appropriate.
	Processor, ProcessorMetrics	integer (MHz)	Operating speed of the processor in MHz.
OperationMap	PrivilegeRegistry (Mappings),	object	The mapping between the HTTP

	PrivilegeRegistry (Mappings > PropertyOverrides), PrivilegeRegistry (Mappings > ResourceURIOverrides), PrivilegeRegistry (Mappings > SubordinateOverrides)		method and privilege required for an entity or to complete an operation.
OperationName	Drive (Operations), Volume (Operations)	string	The name of the operation.
Operations	Drive, Volume	array	The operations currently running on the drive or volume.
OptimumIOSizeBytes	Volume	integer (bytes)	The size in bytes of this Volume's optimum IO size.
Organization	CertificateService (Actions > GenerateCSR (Action))	string	The name of the organization making the request.
	Certificate (Issuer), Certificate (Subject)	string	The name of the organization of the entity.
OrganizationalUnit	CertificateService (Actions > GenerateCSR (Action))	string	The name of the unit or division of the organization making the request.
	Certificate (Issuer), Certificate (Subject)	string	The name of the unit or division of the organization of the entity.
OriginOfCondition	Event (Events), LogEntry (Links)	object	The reference to the Resource that triggered the event.
	EventService (Actions > SubmitTestEvent (Action))	string	The URL in the OriginOfCondition property of the event to add. It is not a reference object.
OriginResource	EventService (SSEFilterPropertiesSupported)	boolean	An indication of whether the service supports filtering by the OriginResource property.
OriginResources	EventDestination	array	The array of Resources for which the service sends only related events. If this property is absent or the array is empty, the service sends the events that originate from any Resource to the subscriber.
Outlet	PowerSupply (Links)	object	A link to the outlet connected to this power supply.
OutletGroups	PowerDistribution	object	A link to the outlet groups for this equipment.
Outlets	Circuit (Links)	array	An array of references to the outlets contained by this circuit.
	OutletGroup (Links)	array	The set of outlets in this outlet group.
	PowerDistribution	object	A link to the outlets for this equipment.
OutletType	Outlet	string (enum)	The type of receptacle according to NEMA, IEC, or regional standards.
OutputPowerWatts	PowerSupplyMetrics	object	The total power output reading for this power supply.
OutputRails	PowerSupply	array	The output power rails provided by this power supply.
OutputWattage	Power (PowerSupplies > InputRanges)	number (Watts)	The maximum capacity of this power supply when operating in this input range.

OverallSubsystemDegraded	StorageController (NVMeControllerProperties > NVMeSMARTCriticalWarnings)	boolean	Indicates that the NVM subsystem reliability has been compromised.
OverNominalFrequencyHz	PowerDistribution (TransferCriteria)	number (Hz)	The frequency in Hertz over the nominal value that satisfies a criterion for transfer.
OverVoltageRMSPercentage	PowerDistribution (TransferCriteria)	number (%)	The positive percentage of voltage RMS over the nominal value that satisfies a criterion for transfer.
OverWritePolicy	LogService	string (enum)	The overwrite policy for this service that takes place when the log is full.
OverwriteUnit (Action)	Memory (Actions)	object	This contains the action for securely erasing given regions using the NIST SP800-88 Purge: Overwrite.
OwningEntity	AttributeRegistry	string	The organization or company that publishes this attribute registry.
	MessageRegistry	string	The organization or company that publishes this message registry.
OwningStorageResource	Volume (Links)	object	A pointer to the Storage resource that owns or contains this volume.
OwningStorageService	Volume (Links)	object	A pointer to the StorageService that owns or contains this volume.
PacketCRCErrors	PortMetrics (GenZ)	integer	The total number of PCRC transient errors detected.
PacketDeadlineDiscards	PortMetrics (GenZ)	integer	The number of packets discarded due to the Congestion Deadline sub-field reaching zero.
Parameters	ActionInfo	array	The list of parameters included in the specified Redfish action.
Parity	SerialInterface	string (enum)	The type of parity used by the sender and receiver to detect errors over the serial connection.
PartNumber	<i>various</i> (Assembly (Assemblies), Chassis ...)	string	The part number for this device or Resource.
	PowerDistribution	string	The part number for this equipment.
	FabricAdapter	string	The part number for this fabric adapter.
	Fan	string	The part number for this fan.
	PowerSupply	string	The part number for this power supply.
	StorageController	string	The part number for this storage controller.
	Manager	string	The part number of the manager.
	Processor	string	The part number of the processor.
	MediaController	string	The part number of this media controller.
PassiveModeEnabled	AddressPool (Ethernet > EBGp > BGPNeighbor),	boolean	Border Gateway Protocol (BGP) passive mode status.

	AddressPool (Ethernet > MultiProtocolEBGP > BGPNeighbor), AddressPool (Ethernet > MultiProtocolBGP > BGPNeighbor)		
Passphrase	Memory (Actions > DisablePassphrase (Action)), Memory (Actions > OverwriteUnit (Action)), Memory (Actions > SecureEraseUnit (Action)), Memory (Actions > SetPassphrase (Action))	string	Passphrase for doing the operation.
	Memory (Actions > UnlockUnit (Action))	string	The passphrase required to complete the operation.
PassphraseCapable	Memory (SecurityCapabilities)	boolean	An indication of whether the memory device is passphrase capable.
PassphraseEnabled	Memory (Regions)	boolean	An indication of whether the passphrase is enabled for this region.
PassphraseLockLimit	Memory (SecurityCapabilities)	integer	The maximum number of incorrect passphrase attempts allowed before memory device is locked.
PassphraseState	Memory (Regions)	boolean	An indication of whether the state of the passphrase for this region is enabled.
Password	AggregationSource	string	The password for accessing the aggregation source. The value is `null` in responses.
	EventService (SMTP)	string	The password for authentication with the SMTP server. The value is `null` in responses.
	AccountService (TACACSplus > Authentication)	string	The password for this service. A PATCH or PUT request writes the password. This property is `null` in responses.
	AccountService (ActiveDirectory > Authentication), AccountService (LDAP > Authentication), ExternalAccountProvider (Authentication), ManagerAccount, Session, VirtualMedia	string	The password to access an Image parameter-specified URI, create a session, write the password for an account service or an account. A GET of this property returns null.
	VirtualMedia (Actions > InsertMedia (Action))	string	The password to access the Image parameter-specified URI.
	UpdateService (Actions > SimpleUpdate (Action))	string	The password to access the URI specified by the ImageURI parameter.
PasswordChangeRequired	ManagerAccount	boolean	An indication of whether the service requires that the password for this account be changed before further access to the account is allowed.
PasswordExchangeProtocols	AccountService (ActiveDirectory >	array	Indicates the allowed TACACS+ password exchange protocols.

	TACACSPlusService), AccountService (LDAP > TACACSPlusService), AccountService (TACACSPlus > TACACSPlusService), ExternalAccountProvider (TACACSPlusService)		
PasswordExpiration	ManagerAccount	string	Indicates the date and time when this account password expires. If `null`, the account password never expires.
PasswordName	Bios (Actions > ChangePassword (Action))	string	The name of the BIOS password to change.
PasswordSet	AccountService (ActiveDirectory), AccountService (LDAP), AccountService (TACACSPlus)	boolean	Indicates if the Password property is set.
PATCH	PrivilegeRegistry (Mappings > OperationMap), PrivilegeRegistry (Mappings > PropertyOverrides > OperationMap), PrivilegeRegistry (Mappings > ResourceURIOverrides > OperationMap), PrivilegeRegistry (Mappings > SubordinateOverrides > OperationMap)	array	The privilege required to complete an HTTP PATCH operation.
PathMTUDiscoveryEnabled	AddressPool (Ethernet > EBG > BGPNeighbor), AddressPool (Ethernet > MultiProtocolEBGP > BGPNeighbor), AddressPool (Ethernet > MultiProtocolBGP > BGPNeighbor)	boolean	Path MTU discovery status.
Payload	Job, Task	object	The HTTP and JSON payload details for a job or task.
PciClassCode	Endpoint (ConnectedEntities)	string	The Class Code, Subclass, and Programming Interface code of this PCIe function.
PCIe	Processor (FPGA > ExternalInterfaces), Processor (FPGA > HostInterface), Processor (SystemInterface)	object	The PCIe-related information for this interface.
PCIeDevice	PCIeSlots (Slots > Links)	array	An array of links to the PCIe devices contained in this slot.
	Switch (Links)	object	The link to the PCIe device providing this switch.
	PCIeFunction (Links), Processor (Links)	object	The reference to the PCIe device associated with a processor or on which a function resides.
PCIeDevices	Chassis (Links), ComputerSystem, NetworkAdapter (Controllers > Links)	array	An array of references to a collection of PCIe devices that a computer system uses or a chassis contains, or that is associated with a network controller.

	Chassis	object	The link to the collection of PCIe devices located in this chassis.
PCIeFunction	NetworkDeviceFunction (Links)	object	The link to the PCIe function associated with this network device function.
PCIeFunctions	StorageController (Links)	array	An array of links to the PCIe functions that the storage controller produces.
	AccelerationFunction (Links), ComputerSystem, Drive (Links), PCIeDevice (Links), Processor (Links), Storage (StorageControllers > Links)	array	An array of references to a collection of PCIe devices that a computer system uses, a device exposes, a drive or storage controller produces, or that is associated with a processor or an acceleration function.
	PCIeDevice	object	The link to the collection of PCIe functions associated with this PCIe device.
PCIeInterface	NetworkAdapter (Controllers), PCIeDevice, Storage (StorageControllers)	object	The PCIe interface details for a PCIe device or controller.
	StorageController	object	The PCIe interface details for this controller.
	FabricAdapter	object	The PCIe interface details for this fabric adapter.
PCIeSlots	Chassis	object	The link to the PCIe slot properties for this chassis.
PCIeType	PCIeDevice (PCIeInterface), PCIeSlots (Slots)	string (enum)	The version of the PCIe Specification that a device uses or a slot supports.
PCIeVirtualFunctions	Processor (FPGA)	integer	The number of the PCIe Virtual Functions.
PciFunctionNumber	Endpoint (ConnectedEntities)	integer	The PCI ID of the connected entity.
Pcild	Endpoint	object	The PCI ID of the endpoint.
PeakPowerBudgetMilliWatts	Memory (PowerManagementPolicy)	integer (milliWatts)	Peak power budget, in milliwatts.
PeakReading	Sensor	number	The peak sensor value.
PeakReadingTime	Sensor	string	The time when the peak sensor value occurred.
PeerAS	AddressPool (Ethernet > EBG > BGPNeighbor), AddressPool (Ethernet > MultiProtocolEBGP > BGPNeighbor), AddressPool (Ethernet > MultiProtocolBGP > BGPNeighbor)	integer	Peer Autonomous System (AS) number.
PercentageComplete	Volume (Operations)	integer	The percentage of the operation that has been completed.
	Drive (Operations)	integer (%)	The percentage of the operation that has been completed.
PercentComplete	Job	integer (%)	The completion percentage of this job.

	Task	integer (%)	The completion percentage of this task.
PerformanceDegraded	MemoryMetrics (HealthData)	boolean	An indication of whether performance has degraded.
PermanentMACAddress	EthernetInterface, NetworkDeviceFunction (Ethernet)	string	The permanent MAC address assigned to a port or network device, or physical, function.
PermanentNodeGUID	NetworkDeviceFunction (InfiniBand)	string	The permanent node GUID assigned to this network device function.
PermanentPortGUID	NetworkDeviceFunction (InfiniBand)	string	The permanent port GUID assigned to this network device function.
PermanentSystemGUID	NetworkDeviceFunction (InfiniBand)	string	The permanent system GUID assigned to this network device function.
PermanentWWNN	NetworkDeviceFunction (FibreChannel)	string	The permanent World Wide Node Name (WWNN) address assigned to this function.
PermanentWWPN	NetworkDeviceFunction (FibreChannel)	string	The permanent World Wide Port Name (WWPN) address assigned to this function.
PersistentCacheSizeMiB	Storage (StorageControllers > CacheSummary), StorageController (CacheSummary)	integer (mebibytes)	The portion of the cache memory that is persistent, measured in MiB.
PersistentRegionNumberLimit	Memory	integer	Total number of persistent regions this memory device can support.
PersistentRegionSizeLimitMiB	Memory	integer (mebibytes)	Total size of persistent regions in mebibytes (MiB).
PersistentRegionSizeMaxMiB	Memory	integer (mebibytes)	Maximum size of a single persistent region in mebibytes (MiB).
PhaseWiringType	PowerSupply	string (enum)	The number of ungrounded current-carrying conductors (phases) and the total number of conductors (wires) provided for the power supply input connector.
	Circuit, Outlet	string (enum)	The number of ungrounded current-carrying conductors (phases) and the total number of conductors (wires).
PhysicalContext	Fan	string (enum)	The area or device associated with this fan.
	PowerSupply (OutputRails)	string (enum)	The area or device to which this power rail applies.
	EnvironmentMetrics (FanSpeedsPercent), ThermalMetrics (TemperatureReadingsCelsius)	string (enum)	The area or device to which this sensor measurement applies.
	Assembly (Assemblies), MetricDefinition, Power (PowerControl), Power (Voltages), Sensor, Thermal (Fans), Thermal (Temperatures)	string (enum)	The physical context, or the area, device, or set of devices, for this Resource.

PhysicalLocation	Drive	object	The location of the drive.
PhysicalNetworkPortAssignment	NetworkDeviceFunction (Links), NetworkDeviceFunction	object	The physical port to which this network device function is currently assigned.
PhysicalPortAssignment	NetworkDeviceFunction (Links), NetworkDeviceFunction	object	The physical port to which this network device function is currently assigned.
PhysicalPortNumber	NetworkPort	string	The physical port number label for this port.
PhysicalSecurity	Chassis	object	The state of the physical security sensor.
PhysicalSubContext	EnvironmentMetrics (FanSpeedsPercent), Sensor, ThermalMetrics (TemperatureReadingsCelsius)	string (enum)	The usage or location within a device to which this sensor measurement applies.
PIDT	FabricAdapter (GenZ)	array	An array of table entry values for the Packet Injection Delay Table.
PinOut	SerialInterface	string (enum)	The physical pinout configuration for a serial connector.
PlugType	Circuit, PowerSupply	string (enum)	The type of plug according to NEMA, IEC, or regional standards.
PMRUnreliable	StorageController (NVMeControllerProperties > NVMeSMARTCriticalWarnings)	boolean	The Persistent Memory Region has become unreliable.
PolicyEnabled	Memory (PowerManagementPolicy)	boolean	An indication of whether the power management policy is enabled.
PolyPhaseCurrentAmps	Circuit	object	The current readings for this circuit.
	Outlet	object	The current readings for this outlet.
PolyPhaseEnergykWh	Circuit	object	The energy readings for this circuit.
PolyPhasePowerWatts	Circuit	object	The power readings for this circuit.
PolyPhaseVoltage	Circuit	object	The voltage readings for this circuit.
	Outlet	object	The voltage readings for this outlet.
Port	EventService (SMTP)	integer	The destination SMTP port.
	<i>various</i> (ComputerSystem (GraphicalConsole), ComputerSystem (SerialConsole > IPMI) ...)	integer	The protocol port.
	Endpoint (IPTransportDetails)	number	The UDP or TCP port number used by the endpoint.
PortConnectionType	Port (FibreChannel)	string (enum)	The connection type of this port.
PortGUID	NetworkDeviceFunction (InfiniBand)	string	The currently configured port GUID of the network device function.
PortId	Port	string	The label of this port on the physical package for this port.
PortMaximumMTU	NetworkPort	integer	The largest maximum transmission

			unit (MTU) that can be configured for this network port.
PortMedium	Port	string (enum)	The physical connection medium for this port.
PortProtocol	Port	string (enum)	The protocol being sent over this port.
Ports	Endpoint (Links)	array	An array of links to the physical ports associated with this endpoint.
	NetworkAdapter (Controllers > Links)	array	An array of links to the ports associated with this network controller.
	Storage (StorageControllers), Switch	object	The collection of ports that a switch or a storage controller contains.
	MediaController	object	The link to the collection of ports associated with this media controller.
	NetworkAdapter	object	The link to the collection of ports associated with this network adapter.
	FabricAdapter	object	The link to the collection of ports that exist on the fabric adapter.
	StorageController	object	The link to the collection of ports that exist on the storage controller.
	NetworkInterface	object	The link to the ports associated with this network interface.
PortType	Port	string (enum)	The type of this port.
POST	PrivilegeRegistry (Mappings > OperationMap), PrivilegeRegistry (Mappings > PropertyOverrides > OperationMap), PrivilegeRegistry (Mappings > ResourceURIOverrides > OperationMap), PrivilegeRegistry (Mappings > SubordinateOverrides > OperationMap)	array	The required privilege for the HTTP POST operation.
Power	Chassis	object	The link to the power properties, or power supplies, power policies, and sensors, for this chassis.
PowerAllocatedWatts	Power (PowerControl)	number (Watts)	The total amount of power that has been allocated or budgeted to chassis.
PowerAvailableWatts	Power (PowerControl)	number (Watts)	The amount of reserve power capacity, in watts, that remains. This value is the PowerCapacityWatts value minus the PowerAllocatedWatts value.
PowerBackupFailed	StorageController (NVMeControllerProperties > NVMeSMARTCriticalWarnings)	boolean	Indicates that the volatile memory backup device has failed.
PowerCapacityWatts	Power (PowerSupplies), PowerSupply	number (Watts)	The maximum capacity of this power supply.

	Power (PowerControl)	number (Watts)	The total amount of power that can be allocated to the chassis. This value can be either the power supply capacity or the power budget that an upstream chassis assigns to this chassis.
PowerConsumedWatts	Power (PowerControl)	number (Watts)	The actual power that the chassis consumes, in watts.
PowerControl	Power	array	The set of power control functions, including power reading and limiting.
PowerControl (Action)	Circuit (Actions)	object	This action turns the circuit on or off.
	OutletGroup (Actions)	object	This action turns the outlet group on or off.
	Outlet (Actions)	object	This action turns the outlet on or off.
PowerCycleDelaySeconds	ComputerSystem	number	The number of seconds to delay power on after a `Reset` action requesting `PowerCycle`. Zero seconds indicates no delay.
	Circuit, Outlet, OutletGroup	number	The number of seconds to delay power on after a PowerControl action to cycle power. Zero seconds indicates no delay.
PowerDomains	Facility	object	Link to the power domains in this facility.
PoweredBy	Chassis (Links), ComputerSystem (Links)	array	An array of IDs of the Resources that power this chassis or system. Each ID in the array is for a chassis or a specific set of power supplies.
PowerEnabled	Circuit	boolean	Indicates if the circuit can be powered.
	Outlet	boolean	Indicates if the outlet can be powered.
	OutletGroup	boolean	Indicates if the outlet group can be powered.
PowerEquipment	ServiceRoot	object	The link to a set of power equipment.
PowerFactor	<i>various</i> (Circuit (PolyPhasePowerWatts > Line1ToLine2), Circuit (PolyPhasePowerWatts > Line1ToNeutral) ...)	number	The power factor for this sensor.
PowerInputWatts	Power (PowerSupplies)	number (Watts)	The measured input power of this power supply.
PowerLimit	Power (PowerControl)	object	The power limit status and configuration information for this chassis.
PowerManagementPolicy	Memory	object	Power management policy information.
PowerMetrics	Power (PowerControl)	object	The power readings for this chassis.
PowerOffDelaySeconds	Circuit, Outlet, OutletGroup	number	The number of seconds to delay power off after a PowerControl action. Zero seconds indicates no delay to power off.

	ComputerSystem	number	The number of seconds to delay power off during a reset. Zero seconds indicates no delay to power off.
PowerOnDelaySeconds	ComputerSystem	number	The number of seconds to delay power on after a power cycle or during a reset. Zero seconds indicates no delay to power up.
	Circuit, Outlet, OutletGroup	number	The number of seconds to delay power up after a power cycle or a PowerControl action. Zero seconds indicates no delay to power up.
PowerOutputWatts	Power (PowerSupplies)	number (Watts)	The measured output power of this power supply.
PowerRequestedWatts	Power (PowerControl)	number (Watts)	The potential power, in watts, that the chassis requests, which might be higher than the current level being consumed because the requested power includes a budget that the chassis wants for future use.
PowerRestoreDelaySeconds	Circuit, Outlet, OutletGroup	number	The number of seconds to delay power on after power has been restored. Zero seconds indicates no delay.
PowerRestorePolicy	Circuit	string (enum)	The desired power state of the circuit when power is restored after a power loss.
	OutletGroup	string (enum)	The desired power state of the outlet group when power is restored after a power loss.
	Outlet	string (enum)	The desired power state of the outlet when power is restored after a power loss.
	ComputerSystem	string (enum)	The desired power state of the system when power is restored after a power loss.
PowerState	Chassis, ComputerSystem, Manager, Switch	string (enum)	The current power state of the chassis, manager, switch or computer system.
	Circuit (Actions > BreakerControl (Action))	string (enum)	The desired power state of the circuit if the breaker is reset successfully.
	Circuit (Actions > PowerControl (Action))	string (enum)	The desired power state of the circuit.
	OutletGroup (Actions > PowerControl (Action))	string (enum)	The desired power state of the outlet group.
	Outlet (Actions > PowerControl (Action))	string (enum)	The desired power state of the outlet.
	Circuit	string (enum)	The power state of the circuit.
	OutletGroup	string (enum)	The power state of the outlet group.
	Outlet	string	The power state of the outlet.

		(enum)	
PowerSubsystem	Chassis	object	The link to the power subsystem properties for this chassis.
PowerSupplies	Power	array	The set of power supplies associated with this system or device.
	PowerSubsystem	object	The link to the collection of power supplies within this subsystem.
PowerSupplyRedundancy	PowerSubsystem	array	The redundancy information for the set of power supplies in this subsystem.
PowerSupplyReset (Action)	Power (Actions)	object	This action resets the targeted power supply.
PowerSupplyType	Power (PowerSupplies), PowerSupply	string (enum)	The power supply type (AC or DC).
PowerWatts	AccelerationFunction	integer (Watts)	The acceleration function power consumption, in watts.
	EnvironmentMetrics	object	Power consumption (Watts).
	Circuit	object	The power reading for this circuit.
	OutletGroup	object	The power reading for this outlet group.
	Outlet	object	The power reading for this outlet.
	PowerDistributionMetrics	object	The total power reading for this equipment.
Precedence	EthernetInterface (IPv6AddressPolicyTable)	integer	The IPv6 precedence, as defined in RFC6724, section 2.1.
Precision	MetricDefinition	integer	Number of significant digits in the metric reading.
	Sensor	number	The number of significant digits in the reading.
PredictedMediaLifeLeftPercent	Drive	number (%)	The percentage of reads and writes that are predicted to be available for the media.
	MemoryMetrics (HealthData)	number (%)	The percentage of reads and writes that are predicted to still be available for the media.
Preferred	EndpointGroup	boolean	An indication if access to the resources through the endpoint group is preferred.
PreferredMainsId	PowerDistribution (TransferConfiguration)	string	The preferred source for the mains circuit to this equipment.
Prefix	EthernetInterface (IPv6AddressPolicyTable)	string	The IPv6 address prefix, as defined in RFC6724, section 2.1.
PrimaryDNS	NetworkDeviceFunction (iSCSIBoot)	string	The IPv6 or IPv4 address of the primary DNS server for the iSCSI boot initiator.
PrimaryLUN	NetworkDeviceFunction (iSCSIBoot)	integer	The logical unit number (LUN) for the primary iSCSI boot target.
PrimaryTargetIPAddress	NetworkDeviceFunction	string	The IPv4 or IPv6 address for the

	(iSCSIBoot)		primary iSCSI boot target.
PrimaryTargetName	NetworkDeviceFunction (iSCSIBoot)	string	The name of the iSCSI primary boot target.
PrimaryTargetTCPPort	NetworkDeviceFunction (iSCSIBoot)	integer	The TCP port for the primary iSCSI boot target.
PrimaryVLANEnable	NetworkDeviceFunction (iSCSIBoot)	boolean	An indication of whether the primary VLAN is enabled.
PrimaryVLANId	NetworkDeviceFunction (iSCSIBoot)	integer	The 802.1q VLAN ID to use for iSCSI boot from the primary target.
Priority	AccountService (ActiveDirectory), AccountService (LDAP), AccountService (TACACSplus), ExternalAccountProvider	integer	The authentication priority for the external account provider.
PrivateEnterpriseld	ManagerNetworkProtocol (SNMP > EngineId)	string	The private enterprise ID.
Privilege	<i>various</i> (PrivilegeRegistry (Mappings > OperationMap > DELETE), PrivilegeRegistry (Mappings > OperationMap > GET) ...)	array	An array of privileges that are required to complete a specific HTTP operation on a Resource.
PrivilegeLevelArgument	AccountService (ActiveDirectory > TACACSplusService), AccountService (LDAP > TACACSplusService), AccountService (TACACSplus > TACACSplusService), ExternalAccountProvider (TACACSplusService)	string	Indicates the name of the TACACS+ argument name in an authorization request.
PrivilegeMap	AccountService	object	The link to the mapping of the privileges required to complete a requested operation on a URI associated with this service.
PrivilegesUsed	PrivilegeRegistry	array	The set of Redfish standard privileges used in this mapping.
ProcessorArchitecture	Processor	string (enum)	The architecture of the processor.
ProcessorId	Processor	object	The identification information for this processor.
ProcessorMemory	Processor	array	The memory directly attached or integrated within this processor.
Processors	Memory (Links)	array	An array of links to the processors associated with this memory device.
	Chassis (Links), ResourceBlock	array	An array of references to the processors in this Resource block or chassis.
	ComputerSystem	object	The link to the collection of processors associated with this system.
ProcessorSummary	ComputerSystem	object	The central processors of the system in general detail.

ProcessorType	Processor	string (enum)	The type of processor.
Producer	Assembly (Assemblies)	string	The producer or manufacturer of the assembly.
Product	ServiceRoot	string	The product associated with this Redfish Service.
ProductionDate	Assembly (Assemblies)	string	The production date of the assembly.
	PowerDistribution	string	The production or manufacturing date of this equipment.
ProductName	AttributeRegistry (SupportedSystems)	string	The product name of the computer system to which this attribute registry applies.
ProgrammableFromHost	Processor (FPGA), Processor (FPGA > ReconfigurationSlots)	boolean	An indication of whether system software on the host can reprogram the FPGA firmware or the reconfiguration slot.
PropertyOverrides	PrivilegeRegistry (Mappings)	array	The privilege overrides of properties within a Resource.
ProtectedIdentificationNumber	Processor (ProcessorId)	string	The Protected Processor Identification Number (PPIN) for this processor.
Protocol	Drive, EventDestination	string (enum)	The protocol that either a drive uses to communicate with the storage controller or the event uses to communicate with the destination.
ProtocolEnabled	<i>various</i> (ManagerNetworkProtocol (DHCP), ManagerNetworkProtocol (DHCPv6) ...)	boolean	An indication of whether the protocol is enabled.
ProtocolFeaturesSupported	ServiceRoot	object	The information about protocol features that the service supports.
ProvisioningPolicy	Volume	string (enum)	This property specifies the volume's storage allocation, or provisioning policy.
PublicationUri	JsonSchemaFile (Location)	string	The link to publicly available (canonical) URI for schema.
	MessageRegistryFile (Location)	string	The link to publicly available (canonical) URI for the Message Registry.
PUT	PrivilegeRegistry (Mappings > OperationMap), PrivilegeRegistry (Mappings > PropertyOverrides > OperationMap), PrivilegeRegistry (Mappings > ResourceURIOverrides > OperationMap), PrivilegeRegistry (Mappings > SubordinateOverrides > OperationMap)	array	The required privilege for the HTTP PUT operation.
RackPDUs	Facility (Links)	array	An array of links to the rack-level power distribution units in this facility.
	PowerDomain (Links)	array	An array of links to the rack-level

			power distribution units in this power domain.
	PowerEquipment	object	A link to a collection of rack-level power distribution units.
RAIDType	Volume	string (enum)	The RAID type of this volume.
	Volume (Actions > ChangeRAIDLayout (Action))	string (enum)	The requested RAID type for the volume.
RailCurrentAmps	PowerSupplyMetrics	array	The current readings for this power supply.
RailPowerWatts	PowerSupplyMetrics	array	The power readings for this power supply.
RailVoltage	PowerSupplyMetrics	array	The voltage readings for this power supply.
RankCount	Memory	integer	Number of ranks available in the memory device.
RatedCurrentAmps	Circuit	number (A)	The rated maximum current allowed for this circuit.
	Outlet	number (A)	The rated maximum current allowed for this outlet.
RawEntryHex	VCATEntry	string	The hexadecimal value of the Virtual Channel Action Table entries.
	RouteEntry	string	The raw data of route entry rows.
RDP	ManagerNetworkProtocol	object	The settings for this manager's Remote Desktop Protocol support.
ReactiveVAR	<i>various</i> (Circuit (PolyPhasePowerWatts > Line1ToLine2), Circuit (PolyPhasePowerWatts > Line1ToNeutral) ...)	number (V.A)	The square root of the difference term of squared ApparentVA and squared Power (Reading) for a circuit, in var units.
ReadCachePolicy	Volume	string (enum)	Indicates the read cache policy setting for the Volume.
Reading	Thermal (Fans)	integer	The fan speed.
	<i>various</i> (Circuit (CurrentAmps), Circuit (EnergykWh) ...)	number	The sensor value.
	<i>various</i> (Sensor (Thresholds > LowerCaution), Sensor (Thresholds > LowerCautionUser) ...)	number	The threshold value.
ReadingCelsius	Thermal (Temperatures)	number (Celsius)	The temperature in degrees Celsius.
ReadingRangeMax	Sensor	number	The maximum possible value for this sensor.
ReadingRangeMin	Sensor	number	The minimum possible value for this sensor.
ReadingTime	Sensor	string	The date and time that the reading was acquired from the sensor.

ReadingType	Sensor	string (enum)	The type of sensor.
ReadingUnits	Sensor	string	The units in which the reading and thresholds are measured.
	Thermal (Fans)	string (enum)	The units in which the fan reading and thresholds are measured.
ReadingVolts	Power (Voltages)	number (Volts)	The reading of the voltage sensor.
ReadOnly	AttributeRegistry (RegistryEntries > Attributes), AttributeRegistry (RegistryEntries > Menus)	boolean	An indication of whether this attribute or menu is read-only.
ReadyToRemove	Drive	boolean	An indication of whether the drive is prepared by the system for removal.
RebuildRatePercent	Storage (StorageControllers > ControllerRates), StorageController (ControllerRates)	integer	The percentage of controller resources used for rebuilding/repairing volumes.
ReceivedECN	PortMetrics (GenZ)	integer	The number of packets received on this interface with the Congestion ECN bit set.
ReconfigurationSlots	Processor (FPGA)	array	An array of the FPGA reconfiguration slots. An FPGA uses a reconfiguration slot to contain an acceleration function that can change as the FPGA is provisioned.
RecoverableCapacitySourceCount	Volume	integer	Current number of capacity source resources that are available as replacements.
RedfishVersion	ServiceRoot	string	The version of the Redfish Service.
Redundancy	ComputerSystem, Endpoint, Manager, Power (PowerSupplies), Power, Storage, Switch, Thermal (Fans), Thermal	array	The reference to a collection of redundancy entities. These entities name a set of computer systems that provide redundancy, show how an endpoint or manager is grouped with other endpoints or managers to form redundancy sets, or provide redundancy information for the power subsystem of a system or device, the storage subsystem, the switches, or fans. For power supplies or fans, the component IDs reference the members of the redundancy groups.
RedundantGroup	PowerSubsystem (PowerSupplyRedundancy), ThermalSubsystem (FanRedundancy)	object	The redundancy information for the devices in a redundancy group.
RegionId	MemoryChunks (InterleaveSets)	string	DIMM region identifier.
	Memory (Actions > DisablePassphrase (Action)), Memory (Actions > OverwriteUnit (Action)), Memory (Actions > SecureEraseUnit (Action)), Memory (Actions >	string	The memory region ID to which to apply this action.

	SetPassphrase (Action)), Memory (Actions > UnlockUnit (Action))		
	Memory (Regions)	string	Unique region ID representing a specific region within the memory device.
RegionKey	Endpoint (ConnectedEntities > GenZ)	string	The Region Key for the entity.
Regions	Memory	array	Memory regions information within the memory device.
Registries	ServiceRoot	object	The link to a collection of Registries.
Registry	MessageRegistryFile	string	The registry name and its major and minor versions. This registry can be any type of registry, such as a Message Registry, Privilege Registry, or Attribute Registry.
RegistryEntries	AttributeRegistry	object	The list of all attributes and their metadata for this component.
RegistryPrefix	EventService (SSEFilterPropertiesSupported)	boolean	An indication of whether the service supports filtering by the RegistryPrefix property.
	MessageRegistry	string	The single-word prefix that is used in forming and decoding MessageIds.
RegistryPrefixes	EventDestination	array	The list of the prefixes for the Message Registries that contain the MessageIds that are sent to this event destination.
	EventService	array	The 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.
RegistryVersion	AttributeRegistry	string	The attribute registry version.
	MessageRegistry	string	The message registry version in the middle portion of a MessageId.
Rekey (Action)	Certificate (Actions)	object	This action generates a new key-pair for a certificate and produces a certificate signing request.
RelatedItem	Sensor	array	An array of links to resources or objects that this sensor services.
	BootOption, Power (PowerControl), Power (PowerSupplies), Power (Voltages), SoftwareInventory, Thermal (Fans), Thermal (Temperatures)	array	The areas or devices related to this Resource.
ReleaseDate	SoftwareInventory	string	The release date of this software.
RemainingAutomaticRetryAttempts	ComputerSystem (Boot)	integer	The number of remaining automatic retry boots.

RemainingCapacityPercent	Volume	integer	The percentage of the capacity remaining in the Volume.
RemainingSpareBlockPercentage	MemoryMetrics (HealthData)	number (%)	The remaining spare blocks, as a percentage.
RemoteAccountService	Manager	object	The link to the account service resource for the remote manager that this resource represents.
RemoteGroup	AccountService (ActiveDirectory > RemoteRoleMapping), AccountService (LDAP > RemoteRoleMapping), AccountService (TACACSplus > RemoteRoleMapping), ExternalAccountProvider (RemoteRoleMapping)	string	The name of the remote group, or the remote role in the case of a Redfish service, that maps to the local Redfish role to which this entity links.
RemoteMemoryBandwidthBytes	ProcessorMetrics	integer (bytes)	The remote memory bandwidth usage in bytes.
RemoteRedfishServiceUri	Manager	string	The URI of the Redfish service root for the remote manager that this resource represents.
RemoteRoleMapping	AccountService (ActiveDirectory), AccountService (LDAP), AccountService (TACACSplus), ExternalAccountProvider	array	The mapping rules to convert the external account providers account information to the local Redfish role.
RemoteUser	AccountService (ActiveDirectory > RemoteRoleMapping), AccountService (LDAP > RemoteRoleMapping), AccountService (TACACSplus > RemoteRoleMapping), ExternalAccountProvider (RemoteRoleMapping)	string	The name of the remote user that maps to the local Redfish role to which this entity links.
Remove	Manager (Actions > ModifyRedundancySet (Action))	array	An array of managers to remove from the redundancy set.
RemoveElements (Action)	Aggregate (Actions)	object	This action is used to remove one or more resources from the aggregate.
RemoveEndpoint (Action)	Zone (Actions)	object	This action removes an endpoint from a zone.
RemoveReplicaRelationship (Action)	Volume (Actions)	object	This action is used to disable data synchronization between a source and target volume, remove the replication relationship, and optionally delete the target volume.
RemoveResourceBlock (Action)	ComputerSystem (Actions)	object	This action removes a resource block from a system.
Renew (Action)	Certificate (Actions)	object	This action generates a certificate signing request by using the existing information and key-pair of the certificate.
ReplaceCertificate (Action)	CertificateService (Actions)	object	This action replaces a certificate.
ReplacePeerASEnabled	AddressPool (Ethernet > EBGp > BGPNeighbor),	boolean	Replace Border Gateway Protocol (BGP) peer Autonomous System (AS)

	AddressPool (Ethernet > MultiProtocolEBGP > BGPNeighbor), AddressPool (Ethernet > MultiProtocolIBGP > BGPNeighbor)		status.
ReplicaInfo	Volume	object	Describes this storage volume in its role as a target replica.
ReplicaTargets	Volume	array	The resources that are target replicas of this source.
ReplicaType	Volume (Actions > AssignReplicaTarget (Action)), Volume (Actions > CreateReplicaTarget (Action))	string (enum)	The type of replica relationship to be created.
ReplicaUpdateMode	Volume (Actions > AssignReplicaTarget (Action)), Volume (Actions > CreateReplicaTarget (Action))	string (enum)	The replica update mode (synchronous vs asynchronous).
ReportActions	MetricReportDefinition	array	The set of actions to perform when a metric report is generated.
ReportActionsEnum	MetricReportDefinition (ReportActions)	string (enum)	Actions to perform when a metric report is generated.
ReportSequence	MetricReport	string	The current sequence identifier for this metric report.
ReportsNamespaceGranularity	StorageController (NVMeControllerProperties > NVMeControllerAttributes)	boolean	Indicates whether or not the controller supports reporting of Namespace Granularity.
ReportsUUIDList	StorageController (NVMeControllerProperties > NVMeControllerAttributes)	boolean	Indicates whether or not the controller supports reporting of a UUID list.
ReportTimespan	MetricReportDefinition	string	The maximum timespan that a metric report can cover.
ReportUpdates	MetricReportDefinition	string (enum)	The behavior for 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 a report resource.
RequestedWatts	PowerSubsystem (Allocation)	number (Watts)	The potential power, in watts, that the subsystem requests, which might be higher than the current level being consumed because the requested power includes a budget that the subsystem wants for future use.
RequestorVCAT	FabricAdapter (GenZ)	object	The Requestor Virtual Channel Action Table for the component.
Required	ActionInfo (Parameters)	boolean	An indication of whether the parameter is required to complete this action.
RequiredMinRxIntervalMilliseconds	AddressPool (Ethernet > BFDSingleHopOnly)	integer	Bidirectional Forwarding Detection (BFD) receive value.
Reserved	ResourceBlock (CompositionStatus)	boolean	An indication of whether any client has reserved the resource block.

Reset (Action)	Aggregate (Actions)	object	This action is used to reset a collection of resources. For example, this could be an aggregate or a list of computer systems.
	AggregationService (Actions)	object	This action is used to reset a set of resources. For example this could be a list of computer systems.
	PowerSupply (Actions)	object	This action resets the power supply.
	Processor (Actions)	object	This action resets the processor.
	Chassis (Actions)	object	This action resets this chassis but not related Resources. However, a reset of the chassis can affect those related Resources.
	Drive (Actions)	object	This action resets this drive.
	MediaController (Actions)	object	This action resets this media controller.
	Memory (Actions)	object	This action resets this memory device.
	ComputerSystem (Actions), Manager (Actions), Port (Actions), Switch (Actions)	object	This action resets this Resource.
ResetBios (Action)	Bios (Actions)	object	This action resets the BIOS attributes to default.
ResetKeys (Action)	SecureBootDatabase (Actions)	object	This action is used to reset the UEFI Secure Boot keys of this database.
	SecureBoot (Actions)	object	This action resets the UEFI Secure Boot keys.
ResetKeysType	SecureBoot (Actions > ResetKeys (Action))	string (enum)	The type of reset or delete to perform on the UEFI Secure Boot databases.
	SecureBootDatabase (Actions > ResetKeys (Action))	string (enum)	The type of reset or delete to perform on this UEFI Secure Boot database.
ResetMetricReportDefinitionsToDefaults (Action)	TelemetryService (Actions)	object	The action to reset the metric report definitions to factory defaults.
ResetMetrics (Action)	Sensor (Actions)	object	Resets metrics related to this sensor.
	Circuit (Actions)	object	This action resets metrics related to this circuit.
	OutletGroup (Actions)	object	This action resets metrics related to this outlet group.
	Outlet (Actions)	object	This action resets metrics related to this outlet.
	EnvironmentMetrics (Actions), PowerDistributionMetrics (Actions), PowerSupplyMetrics (Actions), ThermalMetrics (Actions)	object	This action resets the summary metrics related to this equipment.
ResetRequired	AttributeRegistry (RegistryEntries > Attributes)	boolean	An indication of whether a system or device reset is required for this attribute value change to take effect.
ResetSettingsToDefault (Action)	NetworkAdapter (Actions)	object	This action is to clear the settings

			back to factory defaults.
ResetToDefaults (Action)	Manager (Actions)	object	The reset action resets the manager settings to factory defaults. This might cause the manager to reset.
ResetTriggersToDefaults (Action)	TelemetryService (Actions)	object	The action to reset the triggers to factory defaults.
ResetType	Manager (Actions > ResetToDefaults (Action))	string (enum)	The type of reset to defaults.
	<i>various</i> (Aggregate (Actions > Reset (Action)), AggregationService (Actions > Reset (Action)) ...)	string (enum)	The type of reset.
ResidencyPercent	ProcessorMetrics (CoreMetrics > CStateResidency)	number (%)	The percentage of time that the processor or core has spent in this particular level of C-state.
Resolved	LogEntry	boolean	Indicates if the cause of the log entry has been resolved or repaired.
ResourceBlock	ComputerSystem (Actions > AddResourceBlock (Action))	object	The resource block to add to the system.
	ComputerSystem (Actions > RemoveResourceBlock (Action))	object	The resource block to remove from the system.
ResourceBlockETag	ComputerSystem (Actions > AddResourceBlock (Action))	string	The current ETag of the resource block to add to the system.
	ComputerSystem (Actions > RemoveResourceBlock (Action))	string	The current ETag of the resource block to remove from the system.
ResourceBlocks	Chassis (Links)	array	An array of references to the Resource blocks that this chassis contains.
	ComputerSystem (Links), Zone (Links)	array	An array of references to the Resource blocks that this system or zone uses.
	ServiceRoot	object	The link to a collection of all Resource Block Resources. This collection is intended for implementations that do not contain a Composition Service but that expose Resources to an orchestrator that implements a Composition Service.
	CompositionService	object	The Resource Blocks available on the service.
ResourceBlockType	ResourceBlock	array	The types of resources available on this resource block.
ResourcesAccessed	AggregationSource (Links)	array	An array links to the resources added to the service through this aggregation source. It is recommended that this be the minimal number of properties needed to find the resources that would be lost when the aggregation source is deleted.
ResourceType	EventService	boolean	An indication of whether the service

	(SSEFilterPropertiesSupported)		supports filtering by the Resource Type property.
ResourceTypes	EventService	array	The list of @odata.type values, or schema names, that can be specified in the ResourceTypes array in a subscription. If this property is absent or contains an empty array, the service does not support resource type-based subscriptions.
	EventDestination	array	The list of Resource Type values (Schema names) that correspond to the OriginOfCondition. The version and full namespace should not be specified.
ResourceURIOverrides	PrivilegeRegistry (Mappings)	array	The privilege overrides of Resource URIs.
ResourceZones	CompositionService	object	The Resource Zones available on the service.
ResponderVCAT	FabricAdapter (GenZ)	object	The Responder Virtual Channel Action Table for the component.
RestartTimerSeconds	AddressPool (Ethernet > EBG > BGPNeighbor > MaxPrefix), AddressPool (Ethernet > MultiProtocolEBGP > BGPNeighbor > MaxPrefix), AddressPool (Ethernet > MultiProtocolIBGP > BGPNeighbor > MaxPrefix)	integer	Border Gateway Protocol (BGP) restart timer in seconds.
Restricted	Role	boolean	An indication of whether use of the role is restricted.
RestrictedOemPrivileges	AccountService	array	The set of restricted OEM privileges.
RestrictedPrivileges	AccountService	array	The set of restricted Redfish privileges.
ResultMetric	MetricDefinition (CalculationParameters)	string	The link to a metric property that stores the result of the calculation. If the link has wildcards, the wildcards are substituted as specified in the Wildcards array property.
ResumeReplication (Action)	Volume (Actions)	object	This action is used to resume the active data synchronization between a source and target volume, without otherwise altering the replication relationship.
ResumeSubscription (Action)	EventDestination (Actions)	object	This action resumes a suspended event subscription.
RetransferDelaySeconds	PowerDistribution (TransferConfiguration)	integer	The time in seconds to delay the automatic transfer from the alternate mains circuit back to the preferred mains circuit.
RetransferEnabled	PowerDistribution (TransferConfiguration)	boolean	Indicates if the automatic transfer is permitted from the alternate mains circuit back to the preferred mains circuit after the preferred mains circuit is qualified again and the Retransfer Delay time has expired.

ReverseReplicationRelationship (Action)	Volume (Actions)	object	This action is used to reverse the replication relationship between a source and target volume.
Revision	Drive	string	The revision of this drive. This is typically the firmware or hardware version of the drive.
RevisionId	PCleFunction	string	The Revision ID of this PCIe function.
RFB	ManagerNetworkProtocol	object	The settings for this manager's Remote Frame Buffer protocol support, which can support VNC.
RITable	FabricAdapter (GenZ)	array	An array of table entry values for the Responder Interface Table.
Role	ManagerAccount (Links)	object	The link to the Redfish role that defines the privileges for this account.
RoleId	ManagerAccount, Role	string	The name of the role.
	HostInterface (CredentialBootstrapping)	string	The role used for the bootstrap account created for this interface.
Roles	AccountService	object	The collection of Redfish roles.
RotationSpeedRPM	Drive	number (RPM)	The rotation speed of this drive, in revolutions per minute (RPM).
RouteDistinguisherRange	AddressPool (Ethernet > BGPEvpn)	object	The Route Distinguisher (RD) number range for the fabric.
RouterAdvertisementEnabled	NetworkDeviceFunction (iSCSIBoot)	boolean	An indication of whether IPv6 router advertisement is enabled for the iSCSI boot target.
RouteSet	RouteEntry	object	The link to the collection of route set entries associated with this route.
RouteTargetRange	AddressPool (Ethernet > BGPEvpn)	object	The Route Target (RT) number range for the fabric.
RXStompedECRC	PortMetrics (GenZ)	integer	The total number of packets received with a stomped ECRC field.
ScalarIncrement	AttributeRegistry (RegistryEntries > Attributes)	integer	The amount to increment or decrement an integer attribute each time a user requests a value change. The `0` value indicates a free-form numeric user-input attribute.
Schedule	Job, MetricReportDefinition	object	The schedule for this job or metric report.
Scheduling	JobService (ServiceCapabilities)	boolean	An indication of whether scheduling of jobs is supported.
Schema	JsonSchemaFile	string	The @odata.type name this schema describes.
SearchSettings	AccountService (ActiveDirectory > LDAPService), AccountService (LDAP > LDAPService), AccountService (TACACSplus > LDAPService), ExternalAccountProvider (LDAPService)	object	The required settings to search an external LDAP service.

SecondaryDNS	NetworkDeviceFunction (iSCSIBoot)	string	The IPv6 or IPv4 address of the secondary DNS server for the iSCSI boot initiator.
SecondaryLUN	NetworkDeviceFunction (iSCSIBoot)	integer	The logical unit number (LUN) for the secondary iSCSI boot target.
SecondaryTargetIPAddress	NetworkDeviceFunction (iSCSIBoot)	string	The IPv4 or IPv6 address for the secondary iSCSI boot target.
SecondaryTargetName	NetworkDeviceFunction (iSCSIBoot)	string	The name of the iSCSI secondary boot target.
SecondaryTargetTCPPort	NetworkDeviceFunction (iSCSIBoot)	integer	The TCP port for the secondary iSCSI boot target.
SecondaryVLANEnable	NetworkDeviceFunction (iSCSIBoot)	boolean	An indication of whether the secondary VLAN is enabled.
SecondaryVLANId	NetworkDeviceFunction (iSCSIBoot)	integer	The 802.1q VLAN ID to use for iSCSI boot from the secondary target.
SecureBoot	ComputerSystem	object	The link to the UEFI Secure Boot associated with this system.
SecureBootCurrentBoot	SecureBoot	string (enum)	The UEFI Secure Boot state during the current boot cycle.
SecureBootDatabases	SecureBoot	object	A link to the collection of UEFI Secure Boot databases.
SecureBootEnable	SecureBoot	boolean	An indication of whether UEFI Secure Boot is enabled.
SecureBootMode	SecureBoot	string (enum)	The current UEFI Secure Boot Mode.
SecureErase (Action)	Drive (Actions)	object	This action securely erases the contents of the drive.
SecureEraseUnit (Action)	Memory (Actions)	object	This contains the action for securely erasing given regions using the NIST SP800-88 Purge: Cryptographic Erase.
SecurityCapabilities	Memory	object	Security capabilities of the memory device.
SecurityState	Memory	string (enum)	The current security state of this memory device.
SecurityStates	Memory (SecurityCapabilities)	array	Security states supported by the memory device.
SelectQuery	ServiceRoot (ProtocolFeaturesSupported)	boolean	An indication of whether the service supports the \$select query parameter.
SendCommunityEnabled	AddressPool (Ethernet > EBGp), AddressPool (Ethernet > MultiProtocolEBGP), AddressPool (Ethernet > MultiProtocolIBGP)	boolean	This property shall indicate whether community attributes are sent.
SendDefaultRouteEnabled	AddressPool (Ethernet > EBGp > BGPRoute), AddressPool (Ethernet > MultiProtocolEBGP > BGPRoute), AddressPool (Ethernet >	boolean	Send default route status.

	MultiProtocollBGP > BGPRoute)		
SensingFrequency	Sensor	number	The time interval between readings of the physical sensor.
SensingInterval	Sensor	string	The time interval between readings of the sensor.
	MetricDefinition	string	The time interval between when a metric is updated.
SensorNumber	LogEntry	integer	The IPMI-defined sensor number.
	Power (Voltages), Thermal (Fans), Thermal (Temperatures)	integer	The numerical ID for this sensor.
SensorResetTime	<i>various</i> (Circuit (EnergykWh), Circuit (PolyPhaseEnergykWh > Line1ToLine2) ...)	string	The date and time when the time-based properties were last reset.
Sensors	PowerDistribution	object	A link to the collection of sensors located in the equipment and sub-components.
	Chassis	object	The link to the collection of sensors located in the equipment and sub-components.
SensorType	LogEntry	string (enum)	The sensor type to which the log entry pertains if the entry type is `SEL`.
SerialConsole	Manager	object	The serial console service that this manager provides.
	ComputerSystem	object	The serial console services that this system provides.
SerialInterfaces	Manager	object	The link to a collection of serial interfaces that this manager uses for serial and console communication.
SerialNumber	PowerDistribution	string	The serial number for this equipment.
	FabricAdapter	string	The serial number for this fabric adapter.
	Fan	string	The serial number for this fan.
	PowerSupply	string	The serial number for this power supply.
	StorageController	string	The serial number for this storage controller.
	Manager	string	The serial number of the manager.
	Processor	string	The serial number of the processor.
	<i>various</i> (Assembly (Assemblies), Chassis ...)	string	The serial number of this device.
	MediaController	string	The serial number of this media controller.
ServerAddress	EventService (SMTP)	string	The address of the SMTP server.
ServerEndpoints	Volume (Links)	array	An array of references to the server

			Endpoints associated with this volume.
ServerSentEventUri	EventService	string	The link to a URI for receiving Server-Sent Event representations for the events that this service generates.
ServiceAddresses	AccountService (ActiveDirectory), AccountService (LDAP), AccountService (TACACSplus), ExternalAccountProvider	array	The addresses of the user account providers to which this external account provider links. The format of this field depends on the type of external account provider.
ServiceCapabilities	JobService	object	The supported capabilities of this job service implementation.
ServiceEnabled	EventService (SMTP)	boolean	An indication if SMTP for event delivery is enabled.
	AccountService	boolean	An indication of whether the account service is enabled. If `true`, it is enabled. If `false`, it is disabled and users cannot be created, deleted, or modified, and new sessions cannot be started. However, established sessions might still continue to run. Any service, such as the session service, that attempts to access the disabled account service fails. However, this does not affect HTTP Basic Authentication connections.
	AggregationService	boolean	An indication of whether the aggregation service is enabled.
	Manager (CommandShell), Manager (GraphicalConsole), Manager (SerialConsole)	boolean	An indication of whether the service is enabled for this manager.
	ComputerSystem (GraphicalConsole), ComputerSystem (SerialConsole > IPMI), ComputerSystem (SerialConsole > SSH), ComputerSystem (SerialConsole > Telnet), ComputerSystem (VirtualMediaConfig)	boolean	An indication of whether the service is enabled for this system.
	<i>various</i> (AccountService (ActiveDirectory), AccountService (LDAP) ...)	boolean	An indication of whether this service is enabled.
	SessionService	boolean	An indication of whether this service is enabled. If `true`, this service is enabled. If `false`, it is disabled, and new sessions cannot be created, old sessions cannot be deleted, and established sessions can continue operating.
ServiceEntryPointUUID	Manager	string	The UUID of the Redfish service that is hosted by this manager.
Sessions	ServiceRoot (Links)	object	The link to a collection of Sessions.
	SessionService	object	The link to a collection of sessions.

SessionService	ServiceRoot	object	The link to the Sessions Service.
SessionTimeout	SessionService	integer (seconds)	The number of seconds of inactivity that a session can have before the session service closes the session due to inactivity.
SessionType	Session	string (enum)	The active session type.
SetDefaultBootOrder (Action)	Aggregate (Actions)	object	This action is used to restore the boot order to the default state for the computer systems that are members of this aggregate.
	AggregationService (Actions)	object	This action is used to restore the boot order to the default state for the specified computer systems.
	ComputerSystem (Actions)	object	This action sets the BootOrder to the default settings.
SetEncryptionKey (Action)	Storage (Actions)	object	This action sets the encryption key for the storage subsystem.
SetPassphrase (Action)	Memory (Actions)	object	Set passphrase for the given regions.
Severity	EventService (Actions > SubmitTestEvent (Action))	string	The severity for the event to add.
	Event (Events)	string	The severity of the event.
	Triggers (DiscreteTriggers)	string (enum)	The severity of the event message.
	LogEntry	string (enum)	The severity of the log entry.
SharedWithManagerCLI	ComputerSystem (SerialConsole > IPMI), ComputerSystem (SerialConsole > SSH), ComputerSystem (SerialConsole > Telnet)	boolean	Indicates whether the serial console service is shared with access to the manager's command-line interface (CLI).
SharingCapable	ResourceBlock (CompositionStatus)	boolean	An indication of whether this resource block can participate in multiple compositions simultaneously.
SharingEnabled	ResourceBlock (CompositionStatus)	boolean	An indication of whether this resource block is allowed to participate in multiple compositions simultaneously.
ShutdownThresholdPercentage	AddressPool (Ethernet > EBGp > BGPNeighbor > MaxPrefix), AddressPool (Ethernet > MultiProtocolEBGP > BGPNeighbor > MaxPrefix), AddressPool (Ethernet > MultiProtocolIBGP > BGPNeighbor > MaxPrefix)	number (%)	Shutdown threshold status.
SID	Endpoint (ConnectedEntities > GenZ > GCID)	string	The subnet identifier portion of the GCID for the entity.
SignalDetected	Port	boolean	An indication of whether a signal is detected on this interface.
	NetworkPort	boolean	An indication of whether the port has detected enough signal on enough

			lanes to establish a link.
SignalType	SerialInterface	string (enum)	The type of signal used for the communication connection.
Signatures	SecureBootDatabase	object	A link to the collection of signatures contained in this UEFI Secure Boot database.
SignatureString	Signature	string	The string for the signature.
SignatureType	Signature	string	The format of the signature.
SignatureTypeRegistry	Signature	string (enum)	The type of the signature.
SimpleStorage	ResourceBlock	array	An array of links to the simple storage available in this resource block.
	ComputerSystem	object	The link to the collection of storage devices associated with this system.
	Storage (Links)	object	The link to the simple storage instance that corresponds to this storage.
SimpleUpdate (Action)	UpdateService (Actions)	object	This action updates software components.
SizeMiB	Memory (Regions)	integer (mebibytes)	Size of this memory region in mebibytes (MiB).
	MemoryChunks (InterleaveSets)	integer (mebibytes)	Size of this memory region measured in mebibytes (MiB).
SKU	FabricAdapter	string	The manufacturer SKU for this fabric adapter.
	StorageController	string	The SKU for this storage controller.
	Assembly (Assemblies), Chassis, ComputerSystem, Drive, NetworkAdapter, PCIeDevice, Storage (StorageControllers), Switch	string	The SKU of the product or device.
Slot	Memory (MemoryLocation)	integer	The slot number to which the memory device is connected.
SlotId	Processor (FPGA > ReconfigurationSlots)	string	The FPGA reconfiguration slot identifier.
Slots	PCIeSlots	array	An array of PCI Slot information.
SlotType	PCIeSlots (Slots)	string (enum)	The PCIe slot type for this slot.
SMTP	EventService	object	Settings for SMTP event delivery.
SNMP	EventDestination	object	Settings for an SNMP event destination.
	AggregationSource	object	SNMP settings of the aggregation source.
	ManagerNetworkProtocol	object	The settings for this manager's SNMP support.

	ManagerAccount	object	The SNMP settings for this account.
Socket	Memory (MemoryLocation)	integer	The socket number to which the memory device is connected.
	Processor	string	The socket or location of the processor.
SoftwareId	SoftwareInventory	string	The implementation-specific label that identifies this software.
SoftwareImages	Bios (Links)	array	The images that are associated with this BIOS.
	Manager (Links)	array	The images that are associated with this manager.
SoftwareInventory	UpdateService	object	An inventory of software.
SourceMetric	MetricDefinition (CalculationParameters)	string	The metric property used as the input into the calculation. If the link has wildcards, the wildcards are substituted as specified in the Wildcards array property.
SourcePort	AddressPool (Ethernet > BFDSingleHopOnly)	integer	Bidirectional Forwarding Detection (BFD) source port.
SpareBlock	MemoryMetrics (HealthData > AlarmTrips)	boolean	An indication of whether the spare block capacity crossing alarm trip was detected.
SpareCapacityWornOut	StorageController (NVMeControllerProperties > NVMeSMARTCriticalWarnings)	boolean	Indicates that the available spare capacity has fallen below the threshold.
SpareDeviceCount	Memory	integer	Number of unused spare devices available in the memory device.
SparePartNumber	FabricAdapter	string	The spare part number for this fabric adapter.
	Fan	string	The spare part number for this fan.
	PowerSupply	string	The spare part number for this power supply.
	Assembly (Assemblies), Power (PowerSupplies), Thermal (Fans)	string	The spare part number of the assembly, fan, or power supply.
	Manager	string	The spare part number of the manager.
	Memory	string	The spare part number of the memory.
	PCIeDevice	string	The spare part number of the PCIe device.
	Processor	string	The spare part number of the processor.
SpareResourceSets	Volume (Links)	array	An array of references to SpareResourceSets.
SpecificEventExistsInGroup	Event (Events)	boolean	Indicates this event is equivalent to a more specific event in this Event Group.
SpeedGbps	Storage (StorageControllers),	number	The maximum speed of the storage

	StorageController	(Gbit/s)	controller's device interface.
SpeedLimitMHz	Processor	integer (MHz)	The clock limit of the processor in MHz.
SpeedLocked	Processor	boolean	Indicates whether the clock speed of the processor is fixed at the value specified in the SpeedLimitMHz property.
SpeedMbps	EthernetInterface	integer (Mbit/s)	The current speed, in Mbit/s, of this interface.
SpeedMHz	Processor (ProcessorMemory)	integer	The operating speed of the memory in MHz.
SpeedPercent	Fan	object	The fan speed reading.
SpeedRPM	EnvironmentMetrics (FanSpeedsPercent), Fan (SpeedPercent), PowerSupplyMetrics (FanSpeedPercent), Sensor	number (RPM)	The rotational speed.
SplitReplication (Action)	Volume (Actions)	object	This action is used to split the replication relationship and suspend data synchronization between a source and target volume.
SRIOV	NetworkAdapter (Controllers > ControllerCapabilities > VirtualizationOffload)	object	Single-root input/output virtualization (SR-IOV) capabilities.
SRIOVVEPACapable	NetworkAdapter (Controllers > ControllerCapabilities > VirtualizationOffload > SRIOV)	boolean	An indication of whether this controller supports single root input/output virtualization (SR-IOV) in Virtual Ethernet Port Aggregator (VEPA) mode.
SSDP	ManagerNetworkProtocol	object	The settings for this manager's SSDP support.
SSDT	FabricAdapter (GenZ)	object	The Single Subnet Destination Table for the component.
SSEFilterPropertiesSupported	EventService	object	The set of properties that are supported in the '\$filter' query parameter for the ServerSentEventUri.
SSH	ComputerSystem (SerialConsole)	object	The connection details for an SSH serial console service.
	ManagerNetworkProtocol	object	The settings for this manager's Secure Shell (SSH) protocol support.
StaleRoutesTimeSeconds	AddressPool (Ethernet > EBGp > GracefulRestart), AddressPool (Ethernet > MultiProtocolEBGP > GracefulRestart), AddressPool (Ethernet > MultiProtocolIBGP > GracefulRestart)	integer	Stale route timer in seconds.
StartTime	Job	string	The date and time when the job was started or is scheduled to start.
	Task	string	The date and time when the task was

			started.
StartUpdate (Action)	UpdateService (Actions)	object	This action starts an update of software components.
State	CertificateService (Actions > GenerateCSR (Action))	string	The state, province, or region of the organization making the request.
	Certificate (Issuer), Certificate (Subject)	string	The state, province, or region of the organization of the entity.
StatelessAddressAutoConfig	EthernetInterface	object	Stateless address autoconfiguration (SLAAC) parameters for this interface.
StaticNameServers	EthernetInterface	array	The statically-defined set of DNS server IPv4 and IPv6 addresses.
Status	<i>various</i> (AccelerationFunction, AccountService ...)	object	The state and health of the Resource and its children.
StatusIndicator	Drive	string (enum)	The state of the status indicator, which communicates status information about this drive.
Step	Processor (ProcessorId)	string	The step value for this processor.
StepOrder	Job	array	The serialized execution order of the job steps.
Steps	Job	object	The link to a collection of steps for this job.
StopBits	SerialInterface	string (enum)	The period of time before the next start bit is transmitted.
Storage	Chassis (Links), ResourceBlock	array	An array of references to the available storage.
	ServiceRoot	object	The link to a collection of storage subsystems.
	ComputerSystem	object	The link to the collection of storage devices associated with this system.
	SimpleStorage (Links)	object	The link to the storage instance that corresponds to this simple storage.
StorageAccessCapability	Volume (AccessCapabilities)	string (enum)	Values of StorageAccessCapability describe abilities to read or write storage.
StorageControllers	PCIeFunction (Links)	array	An array of links to the storage controllers that the PCIe device produces.
	Storage	array	The set of storage controllers that this resource represents.
StorageGroups	Volume (Links)	array	An array of references to the StorageGroups associated with this volume.
	Storage	object	All of the storage groups, each of which contains a set of volumes and endpoints that are managed as a group for mapping and masking, that belong to this storage subsystem.
	Volume	object	An array of references to Storage Groups that includes this volume.

StoragePools	Drive (Links)	array	An array of links to the storage pools to which this drive belongs.
	Storage	object	The set of all storage pools that are allocated by this storage subsystem. A storage pool is the set of storage capacity that can be used to produce volumes or other storage pools.
StorageServices	Storage (StorageControllers > Links)	array	An array of links to the storage services that connect to this controller.
	Storage (Links)	array	An array of links to the storage services that connect to this storage subsystem.
	ServiceRoot	object	The link to a collection of all storage service entities.
	ComputerSystem (HostedServices)	object	The link to a collection of storage services that this computer system supports.
StorageSystems	ServiceRoot	object	The link to a collection of storage systems.
StrictAccountTypes	ManagerAccount	boolean	Indicates if the service needs to use the account types exactly as specified when the account is created or updated.
StripSizeBytes	Volume (Actions > ChangeRAIDLAYOUT (Action))	integer	The number of blocks (bytes) requested for new strip size.
	Volume	integer (bytes)	The number of blocks (bytes) in a strip in a disk array that uses striped data mapping.
Subfeeds	PowerDistribution	object	A link to the subfeed circuits for this equipment.
Subject	Certificate	object	The subject of the certificate.
SubmitTestEvent (Action)	EventService (Actions)	object	This action generates a test event.
SubmitTestMetricReport (Action)	TelemetryService (Actions)	object	This action generates a metric report.
SubModel	ComputerSystem	string	The sub-model for this system.
SubordinateOverrides	PrivilegeRegistry (Mappings)	array	The privilege overrides of the subordinate Resource.
SubordinateResources	EventService (SSEFilterPropertiesSupported)	boolean	An indication of whether the service supports filtering by the SubordinateResources property.
	EventDestination	boolean	An indication of whether the subscription is for events in the OriginResources array and its subordinate Resources. If `true` and the OriginResources array is specified, the subscription is for events in the OriginResources array and its subordinate Resources. Note that Resources associated through the Links section are not considered subordinate. If `false` and the OriginResources array is specified, the subscription shall be for events in

			the OriginResources array only. If the OriginResources array is not present, this property shall have no relevance.
SubordinateResourcesSupported	EventService	boolean	An indication of whether the service supports the SubordinateResources property on both event subscriptions and generated events.
SubProcessors	Processor	object	The link to the collection of sub-processors associated with this system, such as cores or threads, that are part of a processor.
Subscriptions	EventService	object	The link to a collection of event destinations.
SubscriptionType	EventDestination	string (enum)	The subscription type for events.
SubsystemDeviceID	Memory	string	Subsystem device ID.
SubsystemId	Endpoint (ConnectedEntities > EntityPcild), Endpoint (Pcild), PCleFunction	string	The Subsystem ID of this PCIe function.
SubsystemVendorId	Endpoint (ConnectedEntities > EntityPcild), Endpoint (Pcild), PCleFunction	string	The Subsystem Vendor ID of this PCIe function.
SubsystemVendorID	Memory	string	SubSystem vendor ID.
SubTasks	Task	object	The link to a collection of sub-tasks for this task.
SupplyingComputerSystems	ComputerSystem (Links)	array	An array of links to ComputerSystems that contribute, in whole or in part, to the implementation of this ComputerSystem.
SupportedAccountTypes	AccountService	array	The account types supported by the service.
SupportedCollectionFunctions	TelemetryService	array	The functions that can be performed over each metric.
SupportedControllerProtocols	Storage (StorageControllers), StorageController	array	The supported set of protocols for communicating to this storage controller.
SupportedDeviceProtocols	Storage (StorageControllers), StorageController	array	The protocols that the storage controller can use to communicate with attached devices.
SupportedEthernetCapabilities	NetworkPort, Port (Ethernet)	array	The set of Ethernet capabilities that this port supports.
SupportedLinkCapabilities	NetworkPort	array	The link capabilities of this port.
SupportedMTUSizes	NetworkDeviceFunction (InfiniBand)	array	The maximum transmission unit (MTU) sizes supported for this network device function.
SupportedOEMAccountTypes	AccountService	array	The OEM account types supported by the service.
SupportedProtocols	Switch	array	The protocols this switch supports.
SupportedRAIDTypes	Storage (StorageControllers),	array	The set of RAID types supported by

	StorageController		the storage controller.
SupportedSystems	AttributeRegistry	array	An array of systems that this attribute registry supports.
Supports128BitHostId	StorageController (NVMeControllerProperties > NVMeControllerAttributes)	boolean	Indicates whether or not the controller supports a 128-bit Host Identifier.
SupportsAtomicTransactionSize	Volume (NVMeNamespaceProperties > NamespaceFeatures)	boolean	Indicates that the NVM fields for Namespace preferred write granularity (NPWG), write alignment (NPWA), deallocate granularity (NPDG), deallocate alignment (NPDA) and optimal write size (NOWS) are defined for this namespace and should be used by the host for I/O optimization.
SupportsDeallocatedOrUnwrittenLBEError	Volume (NVMeNamespaceProperties > NamespaceFeatures)	boolean	This property indicates that the controller supports deallocated or unwritten logical block error for this namespace.
SupportsEnduranceGroups	StorageController (NVMeControllerProperties > NVMeControllerAttributes)	boolean	Indicates whether or not the controller supports Endurance Groups.
SupportsExceedingPowerOfNonOperationalState	StorageController (NVMeControllerProperties > NVMeControllerAttributes)	boolean	Indicates whether or not the controller supports exceeding Power of Non-Operational State in order to execute controller initiated background operations in a non-operational power state.
SupportsIOPerformanceHints	Volume (NVMeNamespaceProperties > NamespaceFeatures)	boolean	Indicates that the Namespace Atomic Write Unit Normal (NAWUN), Namespace Atomic Write Unit Power Fail (NAWUPF), and Namespace Atomic Compare and Write Unit (NACWU) fields are defined for this namespace and should be used by the host for this namespace instead of the controller-level properties AWUN, AWUPF, and ACWU.
SupportsNGUIDReuse	Volume (NVMeNamespaceProperties > NamespaceFeatures)	boolean	This property indicates that the namespace supports the use of an NGUID (namespace globally unique identifier) value.
SupportsNVMSets	StorageController (NVMeControllerProperties > NVMeControllerAttributes)	boolean	Indicates whether or not the controller supports NVM Sets.
SupportsPredictableLatencyMode	StorageController (NVMeControllerProperties > NVMeControllerAttributes)	boolean	Indicates whether or not the controller supports Predictable Latency Mode.
SupportsReadRecoveryLevels	StorageController (NVMeControllerProperties > NVMeControllerAttributes)	boolean	Indicates whether or not the controller supports Read Recovery Levels.
SupportsSQAssociations	StorageController (NVMeControllerProperties > NVMeControllerAttributes)	boolean	Indicates whether or not the controller supports SQ Associations.
SupportsThinProvisioning	Volume (NVMeNamespaceProperties > NamespaceFeatures)	boolean	This property indicates whether or not the NVMe Namespace supports thin provisioning.

SupportsTrafficBasedKeepAlive	StorageController (NVMeControllerProperties > NVMeControllerAttributes)	boolean	Indicates whether or not the controller supports restarting Keep Alive Timer if traffic is processed from an admin command or IO during a Keep Alive Timeout interval.
SuppressRepeatedMetricValue	MetricReportDefinition	boolean	An indication of whether any metrics are suppressed from the generated metric report. If `true`, any metric that equals the same value in the previously generated metric report is suppressed from the current report. Also, duplicate metrics are suppressed. If `false`, no metrics are suppressed from the current report. The current report might contain no metrics if all metrics equal the values in the previously generated metric report.
Surname	CertificateService (Actions > GenerateCSR (Action))	string	The surname of the user making the request.
SuspendReplication (Action)	Volume (Actions)	object	This action is used to suspend active data synchronization between a source and target volume, without otherwise altering the replication relationship.
Switches	Chassis (Links)	array	An array of links to the switches located in this chassis.
	Fabric	object	The collection of links to the switches that this fabric contains.
Switchgear	Facility (Links)	array	An array of links to the switchgear in this facility.
	PowerDomain (Links)	array	An array of links to the switchgear in this power domain.
	PowerEquipment	object	A link to a collection of switchgear.
SwitchType	Switch	string (enum)	The protocol being sent over this switch.
SyslogFacility	EventDestination (SyslogFilters > LogFacilities), LogService (SyslogFilters > LogFacilities)	string (enum)	The syslog facility code is an enumeration of program types.
SyslogFilters	LogService	array	A list of syslog message filters to be logged locally.
	EventDestination	array	A list of syslog message filters to send to a remote syslog server.
SystemGUID	NetworkDeviceFunction (InfiniBand)	string	This is the currently configured system GUID of the network device function.
SystemId	AttributeRegistry (SupportedSystems)	string	The ID of the systems to which this attribute registry applies.
SystemInterface	Processor	object	The interface between the system and the processor.
Systems	AggregationService (Actions > SetDefaultBootOrder (Action))	array	The computer systems to restore.

	ServiceRoot	object	The link to a collection of systems.
SystemType	ComputerSystem	string (enum)	The type of computer system that this resource represents.
TACACSplus	AccountService	object	The first TACACS+ external account provider that this account service supports.
TACACSplusService	AccountService (ActiveDirectory), AccountService (LDAP), AccountService (TACACSplus), ExternalAccountProvider	object	The additional information needed to parse a TACACS+ services.
TargetEndpointGroupIdentifier	EndpointGroup	integer	The SCSI-defined identifier for this group.
TargetEndpointGroups	Connection (Links)	array	An array of links to the target endpoint groups that are associated with this connection.
TargetEndpoints	Connection (Links)	array	An array of links to the target endpoints that are associated with this connection.
TargetInfoViaDHCP	NetworkDeviceFunction (iSCSIBoot)	boolean	An indication of whether the iSCSI boot target name, LUN, IP address, and netmask should be obtained from DHCP.
Targets	UpdateService (Actions > SimpleUpdate (Action))	array	An array of URIs that indicate where to apply the update image.
	PrivilegeRegistry (Mappings > PropertyOverrides), PrivilegeRegistry (Mappings > ResourceURIOverrides), PrivilegeRegistry (Mappings > SubordinateOverrides)	array	The set of URIs, Resource types, or properties.
TargetStoragePool	Volume (Actions > CreateReplicaTarget (Action))	string	The Uri to the existing target Storage Pool.
TargetUri	Job (Payload), Task (Payload)	string	The URI of the target for this job or task.
TargetURIs	AggregationService (Actions > Reset (Action))	array	An array of links to the resources being reset.
TargetVolume	Volume (Actions > AssignReplicaTarget (Action)), Volume (Actions > RemoveReplicaRelationship (Action)), Volume (Actions > ResumeReplication (Action)), Volume (Actions > ReverseReplicationRelationship (Action)), Volume (Actions > SplitReplication (Action)), Volume (Actions > SuspendReplication (Action))	string	The Uri to the existing target volume.
TaskMonitor	Task	string	The URI of the Task Monitor for this task.
Tasks	ServiceRoot	object	The link to the Task Service.

	TaskService	object	The links to the collection of tasks.
TaskState	Task	string (enum)	The state of the task.
TaskStatus	Task	string (enum)	The completion status of the task.
TCPMaxSegmentSizeBytes	AddressPool (Ethernet > EBG > BGPNeighbor), AddressPool (Ethernet > MultiProtocolEBGP > BGPNeighbor), AddressPool (Ethernet > MultiProtocolBGP > BGPNeighbor)	integer	TCP max segment size in Bytes.
TDPWatts	Processor	integer (Watts)	The nominal Thermal Design Power (TDP) in watts.
	OperatingConfig	integer (Watts)	The thermal design point of the processor in watts.
TelemetryService	ServiceRoot	object	The link to the Telemetry Service.
Telnet	ComputerSystem (SerialConsole)	object	The connection details for a Telnet serial console service.
	ManagerNetworkProtocol	object	The settings for this manager's Telnet protocol support.
Temperature	MemoryMetrics (HealthData > AlarmTrips)	boolean	An indication of whether a temperature threshold alarm trip was detected.
TemperatureCelsius	ProcessorMetrics	number (Celsius)	The temperature of the processor.
	EnvironmentMetrics	object	Temperature (Celsius).
	PowerSupplyMetrics	object	The temperature reading for this power supply.
TemperatureReadingsCelsius	ThermalMetrics	array	The temperature readings from all related sensors for this device.
Temperatures	Thermal	array	The set of temperature sensors for this chassis.
TemperatureSummaryCelsius	ThermalMetrics	object	The summary temperature readings for this chassis.
THDPercent	<i>various</i> (Circuit (CurrentAmps), Circuit (PolyPhaseCurrentAmps > Line1) ...)	number	The total harmonic distortion (THD).
Thermal	Chassis	object	The link to the thermal properties, such as fans, cooling, and sensors, for this chassis.
ThermalMetrics	ThermalSubsystem	object	The link to the summary of thermal metrics for this subsystem.
ThermalSubsystem	Chassis	object	The link to the thermal subsystem properties for this chassis.
Threshold	VCATEntry (VCEntries)	string	The configured threshold.
Thresholds	Sensor	object	The set of thresholds defined for this sensor.

ThresholdWarningOnlyEnabled	AddressPool (Ethernet > EBGP > BGPNeighbor > MaxPrefix), AddressPool (Ethernet > MultiProtocolEBGP > BGPNeighbor > MaxPrefix), AddressPool (Ethernet > MultiProtocolIBGP > BGPNeighbor > MaxPrefix)	boolean	Threshold warning only status.
ThrottlingCelsius	ProcessorMetrics	number (Celsius)	The CPU margin to throttle (temperature offset in degree Celsius).
TimeoutAction	ComputerSystem (HostWatchdogTimer)	string (enum)	The action to perform when the watchdog timer reaches its timeout value.
TimeSeconds	AddressPool (Ethernet > EBGP > GracefulRestart), AddressPool (Ethernet > MultiProtocolEBGP > GracefulRestart), AddressPool (Ethernet > MultiProtocolIBGP > GracefulRestart)	integer	Graceful restart timer in seconds.
Timestamp	TelemetryService (Actions > SubmitTestMetricReport (Action) > GeneratedMetricReportValues)	string	The date and time when the metric is obtained. A management application can establish a time series of metric data by retrieving the instances of metric value and sorting them according to their timestamp.
	MetricReport	string	The date and time when the metric report was generated. The timestamp of the metric report may be relevant when the timestamp of individual metrics are minimally different.
	MetricReport (MetricValues)	string	The date and time when the metric was obtained. A management application can get metrics and sort them by timestamp.
TimestampAccuracy	MetricDefinition	string	The accuracy of the timestamp.
TimeZoneName	Manager	string	The time zone of the manager.
Token	AccountService (ActiveDirectory > Authentication), AccountService (LDAP > Authentication), AccountService (TACACSplus > Authentication), ExternalAccountProvider (Authentication)	string	The token for this service. A PATCH or PUT operation writes the token. This property is `null` in responses.
TotalAvailableCoreCount	OperatingConfig	integer	The number of cores in the processor that can be configured.
TotalCacheSizeMiB	Storage (StorageControllers > CacheSummary), StorageController (CacheSummary)	integer (mebibytes)	The total configured cache memory, measured in MiB.
	Processor (MemorySummary)	integer (mebibytes)	Total size of cache memory of this processor.

TotalCores	Processor	integer	The total number of cores that this processor contains.
TotalEnabledCores	Processor	integer	The total number of enabled cores that this processor contains.
TotalMemorySizeMiB	Processor (MemorySummary)	integer (mebibytes)	Total size of volatile memory of this processor.
TotalSwitchWidth	Switch	integer	The total number of lanes, phys, or other physical transport links that this switch contains.
TotalSystemMemoryGiB	ComputerSystem (MemorySummary)	number (GiBy)	The total configured operating system-accessible memory (RAM), measured in GiB.
TotalSystemPersistentMemoryGiB	ComputerSystem (MemorySummary)	number (GiBy)	The total configured, system-accessible persistent memory, measured in GiB.
TotalThreads	Processor	integer	The total number of execution threads that this processor supports.
TransferConfiguration	PowerDistribution	object	The configuration settings for an automatic transfer switch.
TransferControl (Action)	PowerDistribution (Actions)	object	This action transfers control to the alternative input circuit.
TransferCriteria	PowerDistribution	object	The criteria used to initiate a transfer for an automatic transfer switch.
TransferDelaySeconds	PowerDistribution (TransferConfiguration)	integer	The time in seconds to delay the automatic transfer from the preferred mains circuit to the alternate mains circuit when the preferred mains circuit is disqualified.
TransferInhibit	PowerDistribution (TransferConfiguration)	boolean	Indicates if any transfer is inhibited.
TransferMethod	VirtualMedia (Actions > InsertMedia (Action)), VirtualMedia	string (enum)	The transfer method to use with the image.
TransferProtocol	UpdateService (Actions > SimpleUpdate (Action))	string (enum)	The network protocol that the update service uses to retrieve the software image file located at the URI provided in ImageURI. This parameter is ignored if the URI provided in ImageURI contains a scheme.
TransferProtocolType	VirtualMedia (Actions > InsertMedia (Action)), VirtualMedia	string (enum)	The network protocol to use with the image.
TransferSensitivity	PowerDistribution (TransferCriteria)	string (enum)	The sensitivity to voltage waveform quality to satisfy the criterion for initiating a transfer.
TransferSwitches	Facility (Links)	array	An array of links to the transfer switches in this facility.
	PowerDomain (Links)	array	An array of links to the transfer switches in this power domain.
	PowerEquipment	object	A link to a collection of transfer switches.
TransformationRatePercent	Storage (StorageControllers >	integer	The percentage of controller

	ControllerRates), StorageController (ControllerRates)		resources used for transforming volumes from one configuration to another.
TransportProtocol	Endpoint (IPTransportDetails)	string (enum)	The protocol used by the connection entity.
TrapCommunity	EventDestination (SNMP)	string	The SNMP trap community string.
TreatAsWithdrawEnabled	AddressPool (Ethernet > EBGPPool > BGPNeighbor), AddressPool (Ethernet > MultiProtocolEBGP > BGPNeighbor), AddressPool (Ethernet > MultiProtocolBGP > BGPNeighbor)	boolean	Border Gateway Protocol (BGP) treat as withdraw status.
TriggerActionEnum	Triggers (TriggerActions)	string (enum)	The actions to perform when a trigger condition is met.
TriggerActions	Triggers	array	The actions that the trigger initiates.
Triggers	MetricReportDefinition (Links)	array	The triggers that cause this metric report definition to generate a new metric report upon a trigger occurrence when the TriggerActions property contains 'RedfishMetricReport'.
	TelemetryService	object	The link to the collection of triggers that apply to metrics.
TrustedModuleRequiredToBoot	ComputerSystem (Boot)	string (enum)	The Trusted Module boot requirement.
TrustedModules	ComputerSystem	array	An array of trusted modules in the system.
TurboProfile	OperatingConfig	array	The turbo profiles for the processor. A turbo profile is the maximum turbo clock speed as a function of the number of active cores.
TurboState	Processor	string (enum)	The state of the turbo for this processor.
TXStompedECRC	PortMetrics (GenZ)	integer	The total number of packets that this interface stomped the ECRC field.
Type	AttributeRegistry (RegistryEntries > Attributes)	string (enum)	The attribute type.
	AttributeRegistry (RegistryEntries > Dependencies)	string (enum)	The type of the dependency structure.
UefiDevicePath	AttributeRegistry (RegistryEntries > Attributes), BootOption, EthernetInterface, SimpleStorage	string	The UEFI device path to this interface, attribute, boot option, or storage controller.
UefiDevicePaths	SoftwareInventory	array	The list of UEFI device paths of the components associated with this software inventory item.
UefiKeywordName	AttributeRegistry (RegistryEntries > Attributes)	string	The UEFI keyword string for this attribute.
UefiNamespaceId	AttributeRegistry	string	The UEFI namespace ID for the

	(RegistryEntries > Attributes)		attribute.
UefiSignatureOwner	Certificate	string	The UEFI signature owner for this certificate.
	Signature	string	The UEFI signature owner for this signature.
UefiTargetBootSourceOverride	ComputerSystem (Boot)	string	The UEFI device path of the device from which to boot when BootSourceOverrideTarget is `UefiTarget`.
UncorrectableECCErrors	MemoryMetrics (HealthData > AlarmTrips)	boolean	An indication of whether the uncorrectable error threshold alarm trip was detected.
UncorrectableECCErrorsCount	ProcessorMetrics (Cache > LifeTime), ProcessorMetrics (CacheMetrics > LifeTime), ProcessorMetrics (CoreMetrics > CoreCache > LifeTime)	integer	The number of the uncorrectable errors for the lifetime of the cache memory.
	MemoryMetrics (LifeTime)	integer	The number of the uncorrectable errors for the lifetime of the memory.
	ProcessorMetrics (Cache > CurrentPeriod), ProcessorMetrics (CacheMetrics > CurrentPeriod), ProcessorMetrics (CoreMetrics > CoreCache > CurrentPeriod)	integer	The number of the uncorrectable errors of cache memory since reset.
	MemoryMetrics (CurrentPeriod)	integer	The number of the uncorrectable errors since reset.
UnderlayMulticastEnabled	AddressPool (Ethernet > BGPEvpn)	boolean	Underlay multicast status.
UnderNominalFrequencyHz	PowerDistribution (TransferCriteria)	number (Hz)	The frequency in Hertz under the nominal value that satisfies a criterion for transfer.
UnderVoltageRMSPercentage	PowerDistribution (TransferCriteria)	number (%)	The negative percentage of voltage RMS under the nominal value that satisfies a criterion for transfer.
UnhaltedCycles	ProcessorMetrics (CoreMetrics)	number	The unhalted cycles count of this core.
Units	MetricDefinition	string	The units of measure for this metric.
UnknownUnicastSuppressionEnabled	AddressPool (Ethernet > BGPEvpn)	boolean	Suppression of unknown unicast packets.
UnlockUnit (Action)	Memory (Actions)	object	This contains the action for unlocking given regions.
UnstructuredName	CertificateService (Actions > GenerateCSR (Action))	string	The unstructured name of the subject.
Updateable	SoftwareInventory	boolean	An indication of whether the Update Service can update this software.
UpdateService	ServiceRoot	object	The link to the Update Service.
Upper	AddressPool (Ethernet > EBGPP > ASNumberRange), AddressPool (Ethernet >	integer	Upper Autonomous System (AS) number.

	MultiProtocolEBGP > ASNumberRange), AddressPool (Ethernet > MultiProtocolIBGP > ASNumberRange)		
	AddressPool (Ethernet > BGPEvpn > ESINumberRange)	integer	Upper Ethernet Segment Identifier (ESI) number.
	AddressPool (Ethernet > BGPEvpn > EVINumberRange)	integer	Upper Ethernet Virtual Private Network (EVPN) Instance (EVI) number.
	AddressPool (Ethernet > BGPEvpn > RouteDistinguisherRange)	integer	Upper Route Distinguisher (RD) number.
	AddressPool (Ethernet > BGPEvpn > RouteTargetRange)	integer	Upper Route Target (RT) number.
	AddressPool (Ethernet > BGPEvpn > VLANIdentifierAddressRange), AddressPool (Ethernet > IPv4 > VLANIdentifierAddressRange)	integer	Virtual LAN (VLAN) tag upper value.
	AddressPool (Ethernet > IPv4 > EBGPAAddressRange), AddressPool (Ethernet > IPv4 > FabricLinkAddressRange), AddressPool (Ethernet > IPv4 > HostAddressRange), AddressPool (Ethernet > IPv4 > IBGPAAddressRange), AddressPool (Ethernet > IPv4 > LoopbackAddressRange), AddressPool (Ethernet > IPv4 > ManagementAddressRange)	string	Upper IPv4 network address.
UpperBound	AttributeRegistry (RegistryEntries > Attributes)	integer	The upper limit for an integer attribute.
UpperCaution	Sensor (Thresholds)	object	The value at which the reading is above normal range.
UpperCautionUser	Sensor (Thresholds)	object	The value at which the reading is above normal range.
UpperCritical	Sensor (Thresholds), Triggers (NumericThresholds)	object	Above normal range but not fatal. Requires attention.
UpperCriticalUser	Sensor (Thresholds)	object	The value at which the reading is above normal range but not yet fatal.
UpperFatal	Sensor (Thresholds)	object	The value at which the reading is above normal range and fatal.
UpperThresholdCritical	Thermal (Fans)	integer	The value at which the reading is above normal range but not yet fatal.
	Thermal (Temperatures)	number (Celsius)	The value at which the reading is above normal range but not yet fatal.
	Power (Voltages)	number (Volts)	The value at which the reading is above normal range but not yet fatal.
UpperThresholdFatal	Thermal (Fans)	integer	The value at which the reading is above normal range and fatal.

	Thermal (Temperatures)	number (Celsius)	The value at which the reading is above normal range and fatal.
	Power (Voltages)	number (Volts)	The value at which the reading is above normal range and fatal.
UpperThresholdNonCritical	Thermal (Fans)	integer	The value at which the reading is above normal range.
	Thermal (Temperatures)	number (Celsius)	The value at which the reading is above normal range.
	Power (Voltages)	number (Volts)	The value at which the reading is above normal range.
UpperThresholdUser	Thermal (Temperatures)	integer (Celsius)	The value at which the reading is above the user-defined range.
UpperWarning	Triggers (NumericThresholds)	object	The value at which the reading is above normal range.
Uri	JsonSchemaFile (Location)	string	The link to locally available URI for schema.
	MessageRegistryFile (Location)	string	The link to locally available URI for the Message Registry.
UseDNSServers	EthernetInterface (DHCPv4), EthernetInterface (DHCPv6)	boolean	An indication of whether the interface uses the DHCP protocol-supplied DNS servers.
UseDomainName	EthernetInterface (DHCPv4), EthernetInterface (DHCPv6)	boolean	An indication of whether the interface uses the the DHCP protocol-supplied domain name.
UseGateway	EthernetInterface (DHCPv4)	boolean	An indication of whether this interface uses a DHCP v4-supplied gateway.
UseMultiplePathsEnabled	AddressPool (Ethernet > EBG > MultiplePaths), AddressPool (Ethernet > MultiProtocolEBGP > MultiplePaths), AddressPool (Ethernet > MultiProtocolIBGP > MultiplePaths)	boolean	Border Gateway Protocol (BGP) multiple paths status.
UseNTPServers	EthernetInterface (DHCPv4), EthernetInterface (DHCPv6)	boolean	An indication of whether the interface uses the DHCP protocol-supplied NTP servers.
UseRapidCommit	EthernetInterface (DHCPv6)	boolean	An indication of whether the interface uses DHCP v6 rapid commit mode for stateful mode address assignments. Do not enable this option in networks where more than one DHCP v6 server is configured to provide address assignments.
Username	AccountService (ActiveDirectory > Authentication), AccountService (LDAP > Authentication), AccountService (TACACSplus > Authentication), ExternalAccountProvider (Authentication)	string	The user name for the service.
	UpdateService (Actions >	string	The user name to access the URI

	SimpleUpdate (Action))		specified by the ImageURI parameter.
	EventService (SMTP)	string	The username for authentication with the SMTP server.
UserName	AggregationSource	string	The user name for accessing the aggregation source.
	ManagerAccount, Session, VirtualMedia	string	The user name to access the account or the account for this session, or the Image parameter-specified URI.
	VirtualMedia (Actions > InsertMedia (Action))	string	The user name to access the Image parameter-specified URI.
UsernameAttribute	AccountService (ActiveDirectory > LDAPService > SearchSettings), AccountService (LDAP > LDAPService > SearchSettings), AccountService (TACACSplus > LDAPService > SearchSettings), ExternalAccountProvider (LDAPService > SearchSettings)	string	The attribute name that contains the LDAP user name entry.
UserPercent	ProcessorMetrics	number (%)	The percentage of time spent in user mode.
UseStaticRoutes	EthernetInterface (DHCPv4)	boolean	An indication of whether the interface uses DHCP v4-supplied static routes.
UUID	AccelerationFunction, Chassis, ComputerSystem, Manager, Processor (FPGA > ReconfigurationSlots), Processor, ServiceRoot	string	The Universal Unique Identifier (UUID) for this device.
	PowerDistribution	string	The UUID for this equipment.
	FabricAdapter	string	The UUID for this fabric adapter.
	MediaController	string	The UUID for this media controller.
	PCleDevice	string	The UUID for this PCIe device.
	Switch	string	The UUID for this switch.
Valid	RouteSetEntry	boolean	An indication of whether the entry is valid.
ValidNotAfter	Certificate	string	The date when the certificate is no longer valid.
ValidNotBefore	Certificate	string	The date when the certificate becomes valid.
Value	AttributeRegistry (RegistryEntries > Attributes)	array	An array of the possible values for enumerated attribute values.
	Triggers (DiscreteTriggers)	string	The discrete metric value that constitutes a trigger event.
ValueDisplayName	AttributeRegistry (RegistryEntries > Attributes > Value)	string	A user-readable display string of the value for the attribute in the defined language.

ValueExpression	AttributeRegistry (RegistryEntries > Attributes)	string	A valid regular expression, according to the Perl regular expression dialect, that validates the attribute value. Applies to only string and integer attributes.
ValueName	AttributeRegistry (RegistryEntries > Attributes > Value)	string	The unique value name for the attribute.
Values	MetricDefinition (Wildcards), MetricReportDefinition (Wildcards), Triggers (Wildcards)	array	An array of values to substitute for the wildcard.
VCAction	RouteSetEntry	integer	The Virtual Channel Action index.
VCAT	Port (GenZ)	object	the Virtual Channel Action Table for the port.
VCEntries	VCATEntry	array	An array of entries of the Virtual Channel Action Table.
VCMask	VCATEntry (VCEntries)	string	The bits corresponding to the supported Virtual Channel.
Vendor	Assembly (Assemblies), ServiceRoot	string	The vendor or manufacturer of this assembly or that is associated with the Redfish Service.
VendorId	Endpoint (ConnectedEntities > EntityPcild), Endpoint (Pcild), NetworkPort, PCleFunction, Processor (ProcessorId)	string	The vendor ID of this PCIe function, port, or processor.
VendorID	Memory	string	Vendor ID.
VerifyCertificate	EventDestination	boolean	An indication of whether the service will verify the certificate of the server referenced by the Destination property prior to sending the event.
Version	Processor	string	The hardware version of the processor.
	PowerDistribution	string	The hardware version of this equipment.
	AccelerationFunction, Assembly (Assemblies), SoftwareInventory	string	The version of this Resource.
VirtualFunction	NetworkAdapter (Controllers > ControllerCapabilities > VirtualizationOffload)	object	The virtual function of the controller.
VirtualFunctionsEnabled	NetworkDeviceFunction	boolean	An indication of whether single root input/output virtualization (SR-IOV) virtual functions are enabled for this network device function.
VirtualizationOffload	NetworkAdapter (Controllers > ControllerCapabilities)	object	Virtualization offload for this controller.
VirtualMedia	Manager	object	The link to the Virtual Media services for this particular manager.
	ComputerSystem	object	The link to the virtual media services

			for this system.
	ManagerNetworkProtocol	object	The settings for this manager's virtual media support that apply to all system instances controlled by this manager.
VirtualMediaConfig	ComputerSystem	object	The information about the virtual media service of this system.
VLAN	EthernetInterface	object	If this network interface supports more than one VLAN, this property is absent. VLAN collections appear in the Links property of this resource.
	NetworkDeviceFunction (Ethernet)	object	The VLAN information for this interface. If this network interface supports more than one VLAN, this property is not present.
VLANEnable	VlanNetworkInterface	boolean	An indication of whether this VLAN is enabled for this interface.
VLANId	VlanNetworkInterface	integer	The ID for this VLAN.
VLANIdentifierAddressRange	AddressPool (Ethernet > BGPEvpn)	object	The VLAN tag range for the fabric.
	AddressPool (Ethernet > IPv4)	object	Virtual LAN (VLAN) tag related addressing for this Ethernet fabric or for end host networks.
VLANPriority	VlanNetworkInterface	integer	The priority for this VLAN.
VLANs	EthernetInterface	object	The link to a collection of VLANs, which applies only if the interface supports more than one VLAN. If this property applies, the VLANEnabled and VLANId properties do not apply.
	NetworkDeviceFunction (Ethernet)	object	The link to a collection of VLANs. This property is used only if the interface supports more than one VLAN.
VolatileRegionNumberLimit	Memory	integer	Total number of volatile regions this memory device can support.
VolatileRegionSizeLimitMiB	Memory	integer (mebibytes)	Total size of volatile regions in mebibytes (MiB).
VolatileRegionSizeMaxMiB	Memory	integer (mebibytes)	Maximum size of a single volatile region in mebibytes (MiB).
VolatileSizeMiB	Memory	integer (mebibytes)	Total size of the volatile portion memory in MiB.
Voltage	Circuit	object	The voltage reading for this single phase circuit.
	Outlet	object	The voltage reading for this single phase outlet.
Voltages	Power	array	The set of voltage sensors for this chassis.
VoltageType	Circuit	string (enum)	The type of voltage applied to the circuit.
	Outlet	string (enum)	The type of voltage applied to the outlet.
	Sensor	string	The voltage type for this sensor.

		(enum)	
Volume	Connection (VolumeInfo), StorageController (NVMeControllerProperties > ANACHaracteristics)	object	The specified volume.
VolumeInfo	Connection	array	The set of volumes and access capabilities specified for this connection.
VolumeName	Volume (Actions > CreateReplicaTarget (Action))	string	The Name for the new target volume.
Volumes	Drive (Links)	array	An array of links to the volumes that this drive either wholly or only partially contains.
	Storage	object	The set of volumes that the storage controllers produce.
VolumeType	Volume	string (enum)	The type of this volume.
VolumeUsage	Volume	string (enum)	Indicates the Volume usage type setting for the Volume.
WakeOnLANEnabled	NetworkPort	boolean	An indication of whether Wake on LAN (WoL) is enabled for this network port.
WarningAction	ComputerSystem (HostWatchdogTimer)	string (enum)	The action to perform when the watchdog timer is close to reaching its timeout value. This action typically occurs from three to ten seconds before to the timeout value, but the exact timing is dependent on the implementation.
WarningText	AttributeRegistry (RegistryEntries > Attributes)	string	The warning text for the attribute.
WeightKg	Chassis	number (kg)	The weight of the chassis.
Width	Port	integer	The number of lanes, phys, or other physical transport links that this port contains.
WidthMm	Chassis	number (mm)	The width of the chassis.
Wildcards	MetricReportDefinition	array	The set of wildcards and their substitution values for the entries in the MetricProperties property.
	MetricDefinition, Triggers	array	The wildcards and their substitution values for the entries in the MetricProperties array property.
WriteCacheEnabled	Drive	boolean	An indication of whether the drive write cache is enabled.
WriteCachePolicy	Volume	string (enum)	Indicates the write cache policy setting for the Volume.
WriteCacheState	Volume	string (enum)	Indicates the WriteCacheState policy setting for the Volume.
WriteHoleProtectionPolicy	Volume	string (enum)	The policy that the RAID volume is using to address the write hole issue.

WriteOnly	AttributeRegistry (RegistryEntries > Attributes)	boolean	An indication of whether this attribute is write-only. A write-only attribute reverts to its initial value after settings are applied.
WriteProtected	VirtualMedia	boolean	An indication of whether the media is write-protected.
	VirtualMedia (Actions > InsertMedia (Action))	boolean	An indication of whether the remote media is treated as write-protected. The default is `true`.
	SoftwareInventory	boolean	Indicates if the software is write-protected.
WWNN	NetworkDeviceFunction (FibreChannel)	string	The currently configured World Wide Node Name (WWNN) address of this function.
WWNSource	NetworkDeviceFunction (FibreChannel)	string (enum)	The configuration source of the World Wide Names (WWN) for this World Wide Node Name (WWNN) and World Wide Port Name (WWPN) connection.
WWPN	NetworkDeviceFunction (FibreChannel > BootTargets), NetworkDeviceFunction (FibreChannel)	string	The World Wide Port Name (WWPN) of the network device, or physical, function from which to boot.
ZoneETag	Zone (Actions > AddEndpoint (Action)), Zone (Actions > RemoveEndpoint (Action))	string	The current ETag of the zone.
Zones	ResourceBlock (Links)	array	An array of links to the zones in which this resource block is bound.
	AddressPool (Links)	array	An array of links to the zones that this address pool contains.
	Fabric	object	The collection of links to the zones that this fabric contains.
ZoneType	Zone	string (enum)	The type of zone.

Postscript

Redfish Documentation Generator

The DMTF's [Redfish Documentation Generator](#) automatically generates the bulk of the text from the Redfish Schema files in JSON Schema format and merges that text with supplemental text to build this guide.

The source code for the generator is available for download at the DMTF's GitHub repository at <http://www.github.com/DMTF/Redfish-Tools>.

ANNEX A

Change log

Version	Date	Description
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2020.4	2021-01-18	Document built from Redfish Schemas in DSP8010 release 2020.4.
2020.3	2020-08-14	Document built from Redfish Schemas in DSP8010 release 2020.3.
2020.2	2020-05-08	Document built from Redfish Schemas in DSP8010 release 2020.2.
2020.1	2020-03-27	Document built from Redfish Schemas in DSP8010 release 2020.1.
2019.4	2019-12-06	Document built from Redfish Schemas in DSP8010 release 2019.4.
2019.3	2019-10-11	Document built from Redfish Schemas in DSP8010 release 2019.3.
2019.2	2019-09-13	Document built from Redfish Schemas in DSP8010 release 2019.2. Editorial corrections.
2019.1	2019-05-03	Document built from Redfish Schemas in DSP8010 release 2019.1.
2018.3	2019-01-15	Initial release. Document built from Redfish Schemas in DSP8010 release 2018.3.