



**Redfish**

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# Redfish Schema Supplement

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OEM	This value shall indicate conformance to an OEM-specific architecture and the OEM section might include additional information.
PCIe	This value shall indicate conformance to the PCI-SIG PCI Express Base Specification.
RoCE	This value shall indicate conformance to the Infiniband Architecture Specification-defined RDMA over Converged Ethernet Protocol.
RoCEv2	This value shall indicate conformance to the Infiniband Architecture Specification-defined RDMA over Converged Ethernet Protocol version 2.
SAS	This value shall indicate conformance to the T10 SAS Protocol Layer Specification.
SATA	This value shall indicate conformance to the Serial ATA International Organization Serial ATA Specification.
SFTP	This value shall indicate conformance to the RFC114-defined SSH File Transfer Protocol (SFTP) that uses Transport Layer Security (TLS) as defined by RFC5246 or RFC6176.
SMB	This value shall indicate conformance to the Server Message Block (SMB), or Common Internet File System (CIFS), protocol.
TCP	This value shall indicate conformance to the IETF-defined Transmission Control Protocol (TCP). For example, RFC7414 defines the roadmap of the TCP specification.
TFTP	This value shall indicate conformance to the IETF-defined Trivial File Transfer Protocol (TFTP). For example, RFC1350 defines the core TFTP version 2 specification.
UDP	This value shall indicate conformance to the IETF-defined User Datagram Protocol (UDP). For example, RFC768 defines the core UDP specification.
UHCI	This value shall indicate conformance to the Intel Universal Host Controller Interface (UHCI) Specification, Enhanced Host Controller Interface Specification, or the Extensible Host Controller Interface Specification.
USB	This value shall indicate conformance to the USB Implementers Forum Universal Serial Bus Specification.

## Example response

```
{
  "@odata.type": "#Switch.v1_3_0.Switch",
  "Id": "Switch1",
  "Name": "SAS Switch",
  "SwitchType": "SAS",
  "Manufacturer": "Contoso",
  "Model": "SAS1000",
  "SKU": "67B",
  "SerialNumber": "2M220100SL",
  "PartNumber": "76-88883",
  "Ports": {
    "@odata.id": "/redfish/v1/Fabrics/SAS/Switches/Switch1/Ports"
  },
  "Redundancy": [
    {
      "@odata.id": "/redfish/v1/Fabrics/SAS/Switches/Switch1#/Redundancy/0",
      "MemberId": "Redundancy",
      "Mode": "Sharing",
      "MaxNumSupported": 2,
      "MinNumNeeded": 1,
      "Status": {
        "State": "Enabled",
        "Health": "OK"
      },
      "RedundancySet": [
        {
          "@odata.id": "/redfish/v1/Fabrics/SAS/Switches/Switch1"
        },
        {
          "@odata.id": "/redfish/v1/Fabrics/SAS/Switches/Switch2"
        }
      ]
    }
  ],
  "Links": {
    "Chassis": {
      "@odata.id": "/redfish/v1/Chassis/Switch1"
    },
    "ManagedBy": [
      {
        "@odata.id": "/redfish/v1/Managers/Switch1"
      },
      {
        "@odata.id": "/redfish/v1/Managers/Switch2"
      }
    ],
    "Oem": {}
  },
  "Actions": {
    "#Switch.Reset": {
      "target": "/redfish/v1/Fabrics/SAS/Switches/Switch1/Actions/Switch.Reset",
      "ResetType@Redfish.AllowableValues": [

```

```

    "ForceRestart",
    "GracefulRestart"
  ],
  "Oem": {}
},
"Oem": {},
"@odata.id": "/redfish/v1/Fabrics/SAS/Switches/Switch1"
}

```

## Task 1.5.0

v1.5	v1.4	v1.3	v1.2	v1.1	v1.0
2020.3	2018.3	2018.2	2018.1	2017.1	1.0

This Resource contains a Task for a Redfish implementation.

### URIs:

/redfish/v1/TaskService/Tasks/{TaskId}

/redfish/v1/TaskService/Tasks/{TaskId}/SubTasks/{TaskId2}

<b>EndTime</b>	string (date-time)	read-only	This property shall indicate the date and time when the task was completed. This property shall not appear if the task is running or otherwise has not been completed. This property shall appear only if the TaskState is Completed, Killed, Cancelled, or Exception.
<b>HidePayload (v1.3+)</b>	boolean	read-only	This property shall indicate whether the contents of the payload should be hidden from view after the task has been created. If <code>true</code> , responses shall not return the Payload property. If <code>false</code> , responses shall return the Payload property. If this property is not present when the task is created, the default is <code>false</code> . This property shall be supported if the Payload property is supported.
<b>Messages [ {} ]</b>	array (object)		This property shall contain an array of messages associated with the task. This type shall contain a message that the Redfish service returns, as described in the Redfish Specification. <i>For property details, see <a href="#">Message</a>.</i>
<b>Payload (v1.3+) {</b>	object		This object shall contain information detailing the HTTP and JSON payload information for executing this task. This object shall not be included in the response if the HidePayload property is <code>true</code> .
<b>HttpHeaders (v1.3+) [ ]</b>	array (string)	read-only	This property shall contain an array of HTTP headers that this task includes.
<b>HttpOperation (v1.3+)</b>	string	read-only	This property shall contain the HTTP operation to execute for this task.
<b>JsonBody (v1.3+)</b>	string	read-only	This property shall contain JSON formatted payload used for this task.
<b>TargetUri (v1.3+) }</b>	string (URI)	read-only	This property shall contain a link to the location to use as the target for an HTTP operation.
<b>PercentComplete (v1.4+)</b>	integer (%)	read-only (null)	This property shall indicate the completion progress of the task, reported in percent of completion. If the task has not been started, the value shall be zero.
<b>StartTime</b>	string (date-time)	read-only	This property shall indicate the date and time when the task was started.
<b>SubTasks (v1.5+) {</b>	object		This property shall contain a link to a resource collection of type TaskCollection. This property shall not be present if this resource represents a sub-task for a task. <i>Contains a link to a resource.</i>
<b>@odata.id }</b>	string	read-only	<i>Link to Collection of <a href="#">Task</a>. See the Task schema for details.</i>
<b>TaskMonitor (v1.2+)</b>	string (URI)	read-only	This property shall contain a URI to Task Monitor as defined in the Redfish Specification.
<b>TaskState</b>	string (enum)	read-only	This property shall indicate the state of the task. <i>For the possible property values, see <a href="#">TaskState</a> in Property details.</i>



<b>TaskStatus</b>	string (enum)	read-only	This property shall contain the completion status of the task, as defined in the Status section of the Redfish Specification and shall not be set until the task completes. <i>For the possible property values, see <a href="#">TaskStatus</a> in Property details.</i>
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## Property details

### TaskState:

This property shall indicate the state of the task.

string	Description
Cancelled (v1.2+)	This value shall represent that either a DELETE operation on a Task Monitor or Task Resource or by an internal process cancelled the task.
Cancelling (v1.2+)	This value shall represent that the task is in the process of being cancelled.
Completed	This value shall represent that the task completed successfully or with warnings.
Exception	This value shall represent that the task completed with errors.
Interrupted	This value shall represent that the task has been interrupted but is expected to restart and is therefore not complete.
Killed (deprecated v1.2)	This value shall represent that the task is complete because an operator killed it. <i>This value has been deprecated and is being replaced by the Cancelled value, which has more determinate semantics.</i>
New	This value shall represent that the task is newly created, but has not started.
Pending	This value shall represent that the task is pending some condition and has not yet begun to execute.
Running	This value shall represent that the task is executing.
Service	This value shall represent that the task is now running as a service and expected to continue operation until stopped or killed.
Starting	This value shall represent that the task is starting.
Stopping	This value shall represent that the task is stopping but is not yet complete.
Suspended	This value shall represent that the task has been suspended but is expected to restart and is therefore not complete.

### TaskStatus:

This property shall contain the completion status of the task, as defined in the Status section of the Redfish Specification and shall not be set until the task completes.

string	Description
Critical	A critical condition requires immediate attention.
OK	Normal.
Warning	A condition requires attention.

## Example response

```
{
  "@odata.type": "#Task.v1_4_3.Task",
  "Id": "545",
  "Name": "Task 545",
  "TaskMonitor": "/taskmon/545",
  "TaskState": "Completed",
  "StartTime": "2012-03-07T14:44+06:00",
  "EndTime": "2012-03-07T14:45+06:00",
  "TaskStatus": "OK",
  "Messages": [
    {
      "MessageId": "Base.1.0.PropertyNotWriteable",
      "RelatedProperties": [
        "SKU"
      ],
      "Message": "The property SKU is a read only property and cannot be assigned a value",
      "MessageArgs": [
        "SKU"
      ],
      "Severity": "Warning"
    }
  ]
}
```

```

    },
    "@odata.id": "/redfish/v1/TaskService/Tasks/545"
}

```

## TaskService 1.1.5

v1.1	v1.0
2017.1	1.0

This resource contains a task service for a Redfish implementation.

### URIs:

/redfish/v1/TaskService

<b>CompletedTaskOverWritePolicy</b>	string (enum)	read-only	This property shall indicate how the task service shall handle completed tasks if the service must track more tasks. This property indicates whether the task service overwrites completed task information. <i>For the possible property values, see <a href="#">CompletedTaskOverWritePolicy</a> in Property details.</i>
<b>DateTime</b>	string (date-time)	read-only (null)	This property shall contain the current date and time for the task service, with UTC offset.
<b>LifeCycleEventOnTaskStateChange</b>	boolean	read-only	This property shall indicate whether a task state change sends an event. Services should send an event containing a message defined in the Task Event Message Registry when the state of a task changes.
<b>ServiceEnabled</b>	boolean	read-write (null)	This property shall indicate whether this service is enabled.
<b>Status { }</b>	object		This property shall contain any status or health properties of the resource. <i>For property details, see <a href="#">Status</a>.</i>
<b>Tasks { }</b>	object		This property shall contain a link to a resource collection of type TaskCollection. <i>Contains a link to a resource.</i>
<b>@odata.id</b>	string	read-only	<i>Link to Collection of <a href="#">Task</a>. See the Task schema for details.</i>

### Property details

#### CompletedTaskOverWritePolicy:

This property shall indicate how the task service shall handle completed tasks if the service must track more tasks. This property indicates whether the task service overwrites completed task information.

string	Description
Manual	Completed tasks are not automatically overwritten.
Oldest	Oldest completed tasks are overwritten.

### Example response

```

{
  "@odata.type": "#TaskService.v1_1_4.TaskService",
  "Id": "TaskService",
  "Name": "Tasks Service",
  "DateTime": "2015-03-13T04:14:33+06:00",
  "CompletedTaskOverWritePolicy": "Manual",
  "LifeCycleEventOnTaskStateChange": true,
  "Status": {
    "State": "Enabled",
    "Health": "OK"
  },
  "ServiceEnabled": true,
  "Tasks": {
    "@odata.id": "/redfish/v1/TaskService/Tasks"
  },
  "Oem": {},
  "@odata.id": "/redfish/v1/TaskService"
}

```

}

## TelemetryService 1.2.1

v1.2	v1.1	v1.0
2019.4	2018.3	2018.2

This resource contains a telemetry service for a Redfish implementation.

### URIs:

/redfish/v1/TelemetryService

<b>LogService</b> {	object		This property shall contain a link to a resource of type LogService that this telemetry service uses. <i>See the <a href="#">LogService</a> schema for details on this property.</i>
<b>@odata.id</b> }	string	read-only	<i>Link to a LogService resource. See the Links section and the <a href="#">LogService</a> schema for details.</i>
<b>MaxReports</b>	integer	read-only (null)	This property shall contain the maximum number of metric reports that this service supports.
<b>MetricDefinitions</b> {	object		This property shall contain a link to a resource collection of type MetricDefinitionCollection. <i>Contains a link to a resource.</i>
<b>@odata.id</b> }	string	read-only	<i>Link to Collection of <a href="#">MetricDefinition</a>. See the MetricDefinition schema for details.</i>
<b>MetricReportDefinitions</b> {	object		This property shall contain a link to a resource collection of type MetricReportDefinitionCollection. <i>Contains a link to a resource.</i>
<b>@odata.id</b> }	string	read-only	<i>Link to Collection of <a href="#">MetricReportDefinition</a>. See the MetricReportDefinition schema for details.</i>
<b>MetricReports</b> {	object		This property shall contain a link to a resource collection of type MetricReportCollection. <i>Contains a link to a resource.</i>
<b>@odata.id</b> }	string	read-only	<i>Link to Collection of <a href="#">MetricReport</a>. See the MetricReport schema for details.</i>
<b>MinCollectionInterval</b>	string	read-only (null)	This property shall contain the minimum time interval between gathering metric data that this service allows. Pattern: <code>-?P(d+D)?(T(d+H)?(d+M)?(d+(\.d+)?S)?)?</code>
<b>ServiceEnabled</b> (v1.2+)	boolean	read-write (null)	This property shall indicate whether this service is enabled.
<b>Status</b> { }	object		This property shall contain any status or health properties of the resource. <i>For property details, see <a href="#">Status</a>.</i>
<b>SupportedCollectionFunctions</b> [ ]	array (string (enum))	read-write (null)	This property shall contain the function to apply over the collection duration. If present, the metric value shall be computed according to this function. <i>For the possible property values, see <a href="#">SupportedCollectionFunctions</a> in Property details.</i>
<b>Triggers</b> {	object		This property shall contain a link to a resource collection of type TriggersCollection. <i>Contains a link to a resource.</i>
<b>@odata.id</b> }	string	read-only	<i>Link to Collection of <a href="#">Triggers</a>. See the Triggers schema for details.</i>

### Actions

#### SubmitTestMetricReport

This action shall cause the Event Service to immediately generate the metric report as an alert event. Then, this message should be sent to any appropriate event destinations.

**Action URI:** {Base URI of target resource}/Actions/TelemetryService.SubmitTestMetricReport

Perform the action using a POST to the specific Action URI for this resource. Parameters for the action are passed in a JSON body and are defined as follows:

{			
<b>GeneratedMetricReportValues</b> (v1.1+) [ {	array	required	This parameter shall contain the contents of the MetricReportValues array property in the generated metric report.
<b>MetricDefinition</b> (v1.1+) {	object		This property shall contain a link to a resource of type MetricDefinition that describes what this metric value captures. <i>See the <a href="#">MetricDefinition</a> schema for details on this property.</i>
<b>@odata.id</b> }	string	read-only	Link to a MetricDefinition resource. See the <a href="#">Links</a> section and the <a href="#">MetricDefinition</a> schema for details.
<b>MetricId</b> (v1.1+)	string	read-only (null)	This property shall contain the same value as the Id property of the source metric within the associated metric definition.
<b>MetricProperty</b> (v1.1+)	string (URI)	read-only (null)	The value shall be URI to the property following the JSON fragment notation, as defined by RFC6901, to identify an individual property in a Redfish resource.
<b>MetricValue</b> (v1.1+)	string	read-only (null)	This property shall contain the metric value, as a string.
<b>Timestamp</b> (v1.1+) }]	string (date-time)	read-only (null)	The value shall time when the metric value was obtained. Note that this value might be different from the time when this instance is created.
<b>MetricReportName</b>	string	required	This parameter shall contain the name of the generated metric report.
<b>MetricReportValues</b> (deprecated v1.1) }	string	optional	This parameter shall contain the contents of the MetricReportValues array property in the generated metric report. <i>Deprecated in v1.1 and later. This property has been deprecated in favor of using the property 'GeneratedMetricReportValues'.</i>

## Property details

### SupportedCollectionFunctions:

This property shall contain the function to apply over the collection duration. If present, the metric value shall be computed according to this function.

string	Description
Average	An averaging function.
Maximum	A maximum function.
Minimum	A minimum function.
Summation	A summation function.

## Example response

```
{
  "@odata.type": "#TelemetryService.v1_2_0.TelemetryService",
  "Id": "TelemetryService",
  "Name": "Telemetry Service",
  "Status": {
    "State": "Enabled",
    "Health": "OK"
  }
},
```

```

"SupportedCollectionFunctions": [
  "Average",
  "Minimum",
  "Maximum"
],
"MetricDefinitions": {
  "@odata.id": "/redfish/v1/TelemetryService/MetricDefinitions"
},
"MetricReportDefinitions": {
  "@odata.id": "/redfish/v1/TelemetryService/MetricReportDefinitions"
},
"MetricReports": {
  "@odata.id": "/redfish/v1/TelemetryService/MetricReports"
},
"Triggers": {
  "@odata.id": "/redfish/v1/TelemetryService/Triggers"
},
"LogService": {
  "@odata.id": "/redfish/v1/Managers/1/LogServices/Log1"
},
"@odata.id": "/redfish/v1/TelemetryService"
}

```

## Thermal 1.6.2

v1.6	v1.5	v1.4	v1.3	v1.2	v1.1	v1.0
2019.4	2018.2	2017.3	2017.1	2016.3	2016.1	1.0

This resource shall contain the thermal management properties for temperature monitoring and management of cooling fans for a Redfish implementation.

### URIs:

/redfish/v1/Chassis/{[ChassisId](#)}/Thermal

<b>Fans</b> [ {	array		This property shall contain the set of fans for this chassis.
<b>@odata.id</b>	string (URI)	read-only required	The value of this property shall be the unique identifier for the resource and it shall be of the form defined in the Redfish specification.
<b>Actions</b> (v1.3+) { }	object		This property shall contain the available actions for this resource.
<b>Assembly</b> (v1.4+) {	object		This property shall contain a link to a resource of type Assembly. <i>See the <a href="#">Assembly</a> schema for details on this property.</i>
<b>@odata.id</b> }	string	read-only	<i>Link to a Assembly resource. See the Links section and the <a href="#">Assembly</a> schema for details.</i>
<b>FanName</b> (deprecated v1.1)	string	read-only (null)	This property shall contain the name of the fan. <i>Deprecated in v1.1 and later. This property has been deprecated in favor of the Name property.</i>
<b>HotPluggable</b> (v1.4+)	boolean	read-only (null)	This property shall indicate whether the device can be inserted or removed while the underlying equipment otherwise remains in its current operational state. Hot-pluggable devices can become operable without altering the operational state of the underlying equipment. Devices that cannot be inserted or removed from equipment in operation, or devices that cannot become operable without affecting the operational state of that equipment, shall be not hot-pluggable.
<b>IndicatorLED</b> (v1.2+)	string (enum)	read-write (null)	This property shall contain the state of the indicator light associated with this fan. <i>For the possible property values, see <a href="#">IndicatorLED</a> in Property details.</i>
<b>Location</b> (v1.4+) { }	object		This property shall contain location information of the associated fan. <i>For property details, see <a href="#">Location</a>.</i>
<b>LowerThresholdCritical</b>	integer	read-only	This property shall contain the value at which the

		(null)	Reading property is below the normal range but is not yet fatal. The value of the property shall use the same units as the Reading property.
<b>LowerThresholdFatal</b>	integer	read-only (null)	This property shall contain the value at which the Reading property is below the normal range and is fatal. The value of the property shall use the same units as the Reading property.
<b>LowerThresholdNonCritical</b>	integer	read-only (null)	This property shall contain the value at which the Reading property is below normal range. The value of the property shall use the same units as the Reading property.
<b>Manufacturer</b> (v1.2+)	string	read-only (null)	This property shall contain the name of the organization responsible for producing the fan. This organization might be the entity from whom the fan is purchased, but this is not necessarily true.
<b>MaxReadingRange</b>	integer	read-only (null)	This property shall indicate the highest possible value for the Reading property. The value of the property shall use the same units as the Reading property.
<b>MemberId</b>	string	read-only required	This property shall uniquely identify the member within the collection. For services supporting Redfish v1.6 or higher, this value shall contain the zero-based array index.
<b>MinReadingRange</b>	integer	read-only (null)	This property shall indicate the lowest possible value for the Reading property. The value of the property shall use the same units as the Reading property.
<b>Model</b> (v1.2+)	string	read-only (null)	This property shall contain the model information as defined by the manufacturer for the associated fan.
<b>Name</b> (v1.1+)	string	read-only (null)	This property shall contain the name of the fan.
<b>Oem</b> { }	object		This property shall contain the OEM extensions. All values for properties that this object contains shall conform to the Redfish Specification-described requirements.
<b>PartNumber</b> (v1.2+)	string	read-only (null)	This property shall contain the part number as defined by the manufacturer for the associated fan.
<b>PhysicalContext</b>	string (enum)	read-only	This property shall contain a description of the affected device or region within the chassis with which this fan is associated. <i>For the possible property values, see <a href="#">PhysicalContext</a> in Property details.</i>
<b>Reading</b>	integer	read-only (null)	This property shall contain the fan sensor reading.
<b>ReadingUnits</b> (v1.0.1+)	string (enum)	read-only (null)	This property shall contain the units in which the fan reading and thresholds are measured. <i>For the possible property values, see <a href="#">ReadingUnits</a> in Property details.</i>
<b>Redundancy</b> [ { } ]	array (object)		This property shall contain an array of links to the redundancy groups to which this fan belongs. This object represents the redundancy element property. <i>For property details, see <a href="#">Redundancy</a>.</i>
<b>RelatedItem</b> [ {	array		This property shall contain an array of links to resources or objects that this fan services.

<b>@odata.id</b> }}]	string (URI)	read-only	The value of this property shall be the unique identifier for the resource and it shall be of the form defined in the Redfish specification.
<b>SensorNumber</b> (v1.5+)	integer	read-only (null)	This property shall contain a numerical identifier for this fan speed sensor that is unique within this resource.
<b>SerialNumber</b> (v1.2+)	string	read-only (null)	This property shall contain the serial number as defined by the manufacturer for the associated fan.
<b>SparePartNumber</b> (v1.2+)	string	read-only (null)	This property shall contain the spare or replacement part number as defined by the manufacturer for the associated fan.
<b>Status</b> { }	object		This property shall contain any status or health properties of the resource. <i>For property details, see <a href="#">Status</a>.</i>
<b>UpperThresholdCritical</b>	integer	read-only (null)	This property shall contain the value at which the Reading property is above the normal range but is not yet fatal. The value of the property shall use the same units as the Reading property.
<b>UpperThresholdFatal</b>	integer	read-only (null)	This property shall contain the value at which the Reading property is above the normal range and is fatal. The value of the property shall use the same units as the Reading property.
<b>UpperThresholdNonCritical</b> }}]	integer	read-only (null)	This property shall contain the value at which the Reading property is above the normal range. The value of the property shall use the same units as the Reading property.
<b>Redundancy</b> [{}]	array (object)		This property shall contain redundancy information for the fans in this chassis. This object represents the redundancy element property. <i>For property details, see <a href="#">Redundancy</a>.</i>
<b>Status</b> { }	object		This property shall contain any status or health properties of the resource. <i>For property details, see <a href="#">Status</a>.</i>
<b>Temperatures</b> [ { }	array		This property shall contain the set of temperature sensors for this chassis.
<b>@odata.id</b>	string (URI)	read-only required	The value of this property shall be the unique identifier for the resource and it shall be of the form defined in the Redfish specification.
<b>Actions</b> (v1.3+) { }	object		This property shall contain the available actions for this resource.
<b>AdjustedMaxAllowableOperatingValue</b> (v1.4+)	integer (Celsius)	read-only (null)	This property shall indicate the adjusted maximum allowable operating temperature for the equipment monitored by this temperature sensor, as specified by a standards body, manufacturer, or a combination, and adjusted based on environmental conditions present. For example, liquid inlet temperature can be adjusted based on the available liquid pressure.
<b>AdjustedMinAllowableOperatingValue</b> (v1.4+)	integer (Celsius)	read-only (null)	This property shall indicate the adjusted minimum allowable operating temperature for the equipment monitored by this temperature sensor, as specified by a standards body, manufacturer, or a combination, and adjusted based on environmental conditions present. For example, liquid inlet temperature can be adjusted based on the available liquid pressure.







































































### ZoneType:

This property shall contain the type of zone that this zone represents.

string	Description
Default	This value shall indicate a zone in which all endpoints are added by default when instantiated.
ZoneOfEndpoints	This value shall indicate a zone that contains resources of type Endpoint.
ZoneOfZones	This value shall indicate a zone that contains resources of type Zone.

### Example response

```
{
  "@odata.type": "#Zone.v1_4_0.Zone",
  "Id": "1",
  "Name": "SAS Zone 1",
  "Description": "SAS Zone 1",
  "Status": {
    "State": "Enabled",
    "Health": "OK"
  },
  "Links": {
    "Endpoints": [
      {
        "@odata.id": "/redfish/v1/Fabrics/SAS/Endpoints/Initiator1"
      },
      {
        "@odata.id": "/redfish/v1/Fabrics/SAS/Endpoints/Initiator2"
      },
      {
        "@odata.id": "/redfish/v1/Fabrics/SAS/Endpoints/Drive1"
      },
      {
        "@odata.id": "/redfish/v1/Fabrics/SAS/Endpoints/Drive3"
      }
    ]
  },
  "Oem": {},
  "@odata.id": "/redfish/v1/Fabrics/SAS/Zones/1"
}
```

## Redfish documentation generator

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

## ANNEX A

Version	Date	Built from Redfish Schema bundle
2020.3	2020-08-14	DSP8010 version 2020.3
		Corrected issue that caused read-write links to be listed as read-only.
2020.2.1	2020-07-10	Errata release to correct truncated Processor supplemental text.
2020.2	2020-05-08	DSP8010 version 2020.2
2020.1	2020-03-27	DSP8010 version 2020.1
2019.4	2019-12-06	DSP8010 version 2019.4
2019.3	2019-10-11	DSP8010 version 2019.3
2019.2	2019-09-13	DSP8010 version 2019.2
2019.1a	2019-05-03	DSP8010 version 2019.1
		Work-in-progress release