Redfish 2017 Release 2

DMTF Scalable Platforms Management Forum
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Redfish 2017 Release 2

- Redfish Specification v1.3.0
  - Adds “Apply Time” concept to Settings objects
  - Improves ETag support to avoid race conditions
  - Numerous clarifications
  - Also releasing v1.2.1 errata release

- Redfish Schema Bundle 2017.2
  - DSP8010_2017.2.ZIP
  - Contains current versions of all Redfish schema

- Schema minor updates
  - Expanded “Location” object definition to include physical locations at the building, room and intra-chassis levels.
  - Added "SupportedApplyTimes" to allow control over the application of Settings to a resource. This includes support for specifying maintenance windows.
  - Numerous errata and description clarifications throughout the schema

- Base Message Registry v1.2.0
Redfish Specification v1.3.0

- Minor release of the Specification (DSP0266)
  - Service may optionally reject a PATCH or PUT operation if the If-Match or If-Match-None HTTP header is required
    - Allows Service to avoid race conditions from multiple clients performing PATCH or PUT operations, or clients using stale data from previous GETs
    - Returns HTTP 428 response code
- Added support for a Service to describe the “Apply Time” for Settings
  - “SupportedApplyTimes” array in the “@Redfish.Settings” annotation
    - Reports available options for applying settings to that resource
    - Maintenance Window parameters available to schedule Settings
  - Clients use "@Redfish.PreferredApplyTime" annotation in request body
    - “ApplyTime” parameter describes options to apply settings
      - “Immediate”, “OnReset”, and several Maintenance Window options
- Numerous clarifications and corrections, detailed in the Change Log
- Errata release v1.2.1 includes same clarifications and corrections

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Redfish Schema Minor Revisions (1 of 2)

• Memory v1.3.0
  • Added memory module-centric identification properties:
    • "ModuleManufacturerID", "ModuleProductID",
      "MemorySubsystemControllerManufacturerID", "MemorySubsystemControllerProductID"
  • Deprecated "FunctionClasses"
    • Duplicative, unstructured string data
  • Deprecated the PCIe-centric identification properties:
    • "VendorID", "DeviceID", "SubsystemVendorID", and "SubsystemDeviceID"

• PhysicalContext v1.2.0
  • Added "Chassis" and "Fan" as enumerations

• Power v1.4.0
  • Added "PhysicalContext" to "PowerControl" object
Redfish Schema Minor Revisions (2 of 2)

- **Resource v1.5.0**
  - Expanded the “Location” object with new sub-objects to cover in-room and intra-chassis location identification
  - Deprecated “Info” and “InfoFormat” properties in favor of these sub-objects
- **Role v1.2.0**
  - Added "RoleId" property to enable references from ManagerAccount
- **Settings v1.1.0**
  - Added "SupportedApplyTimes" to allow control over the application of Settings to a resource. This includes support for specifying maintenance windows.
- **Storage v1.2.0**
  - Added common "Name" property to "StorageController" object
Errata Schema Revisions

- Clarified usage of the “IndicatorLED” and “ServiceEnabled” enumerations throughout the data model
- Removed errant auto-expand annotations within “Redundancy”
- EventDestination v1.x.x
  - Added clarifications to "OriginResources" and "MessageId" usage
- EventService v1.x.x
  - Added clarifications to "DeliveryRetryAttempts" usage
- Manager v1.x.x
  - Corrected enumeration descriptions for "CommandShell"
- ManagerAccount v1.x.x
  - Added clarifications to "RoleId" usage.
- SerialIinterface v1.x.x
  - Removed errant periods in enumeration strings

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