



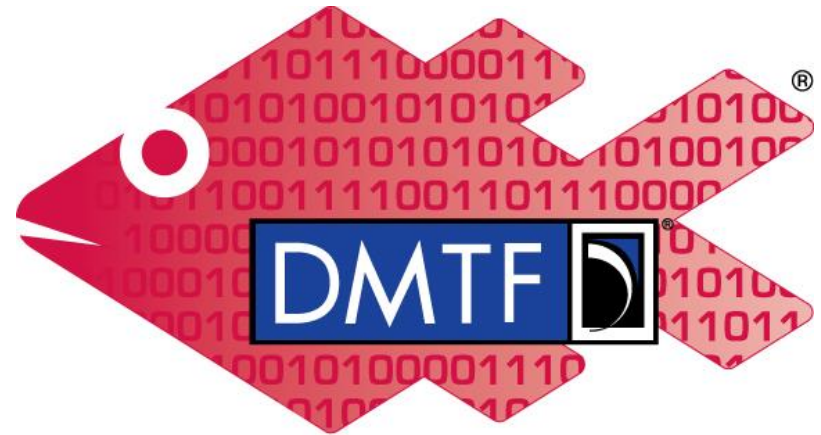
Redfish 2018 Release 1

DMTF Redfish Forum
April 2018



Redfish 2018 Release 1

- Redfish Specification v1.5.0
 - **NEW** Server-sent Eventing (SSE) Support
 - OperationApplyTime annotation
 - Behavior of Create, Delete or Action (POST) operations
- Redfish Specification v1.4.1
 - Errata release with numerous clarifications
- Redfish Schema Bundle 2018.1
 - **DSP8010_2018.1.ZIP** - contains current versions
- **NEW** Schemas v1.0.0
 - ExternalAccountProvider – LDAP / ActiveDirectory support
- Updated schemas (highlights)
 - AccountService – LDAP / ActiveDirectory support for Redfish
 - EventService & EventDestination – Server-sent Eventing support
 - Processor – Added “SubProcessor” information for Cores and Threads
 - Settings – Added “OperationApplyTime” and “MaintenanceWindow” support



Redfish



Redfish Specification v1.5.0 and v1.4.1

- Minor release of the Redfish Specification (DSP0266) v1.5.0
 - Adds support for Server Sent-Eventing (SSE)
 - Enables streaming events to web-based GUIs and other clients
 - OperationApplyTime annotation
 - Provides mechanism for specifying deterministic behavior for the application of Create, Delete or Action (POST) operations
 - Includes all errata from v1.4.1
- Errata release of the Specification (DSP0266) v1.4.1
 - Numerous clarifications and corrections, detailed in the Change Log

New Redfish Schemas for 2018.1

- ExternalAccountProvider v1.0.0
 - Single LDAP or ActiveDirectory instances are supported within updated AccountService resource
 - A Collection of “ExternalAccountProviders” describes additional providers, or allows for multiple LDAP/AD trees if Service supports their usage
 - Uses same properties and definitions as the single-instance LDAP and ActiveDirectory objects within AccountService



Redfish Schema Minor Revisions (1 of 3)

- AccountService v1.3.0
 - Added support for LDAP and Active Directory external account providers.
 - Provide configuration parameters to enable Redfish Services to utilize network-based authentication instead of requiring individual (local) accounts
 - Removes need to maintain separate credentials for each Redfish Service
 - Added link to additional *ExternalAccountProviders*
- Assembly v1.1.0
 - Added *Status* to *AssemblyData*
- AttributeRegistry v1.2.0
 - Added *ResetRequired*, *UefiDevicePath*, *UefiKeywordName*, and *UefiNamespaceId* attributes to registry entries.
- Chassis v1.7.0
 - Added *UUID* property
 - Added *Switches* resource link



Redfish Schema Minor Revisions (2 of 3)

- Drive v1.4.0
 - Deprecated *Location* array in favor of singular *PhysicalLocation*
- EventDestination v1.3.0
 - Added *SubscriptionType* to allow for Server-Sent Eventing support
- EventService v1.1.0
 - Added *ServerSentEventUri* to support Server-Sent Eventing (SSE)
- Manager v1.4.0
 - Added *AutoDSTEnabled* property
 - Added *Switches* resource link
- Memory v1.5.0
 - Deprecated poorly-named *PassphraseState* in *Regions* object and added *PassphraseEnabled* to replace it.



Redfish Schema Minor Revisions (3 of 3)

- **PCIeFunction v1.2.0**
 - Added *NetworkDeviceFunction* resource link
- **Processor v1.4.0**
 - Added *SubProcessors* collection to provide details on 'cores' and 'threads'
 - Added 'Core' and 'Thread' to *ProcessorType*
- **ResourceBlock v1.1.0**
 - Added properties to support sharing capabilities
- **Settings v1.2.0**
 - Added *OperationApplyTimeSupport* and *MaintenanceWindow* objects to provide deterministic behavior for the application of Settings-based data
- **SoftwareInventory v1.2.0**
 - Added *Manufacturer* and *ReleaseDate* properties
- **Task v1.2.0**
 - Added *TaskMonitor* property

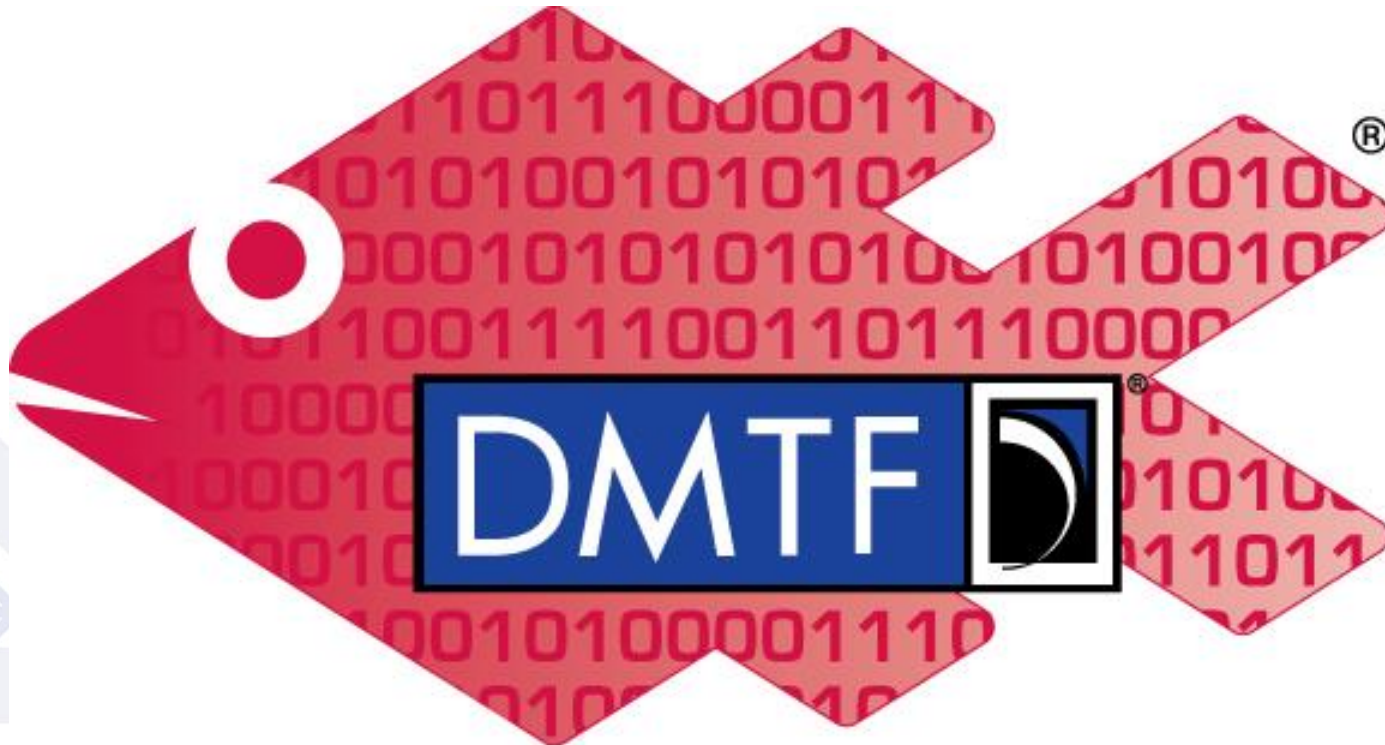


Errata Schema Revisions

- Description clarifications in numerous schemas
- AttributeRegistry v1.x.x
 - Corrected *regex patterns for various properties*
- EventService v1.0.7
 - Fixed permissions on *DeliveryRetryAttempts* and *DeliveryRetryIntervalSeconds* properties.
- ManagerAccount v1.x.x
 - Clarified the *RoleId* property description by stating its relation to *RoleId* in the Role resource.
- UpdateService v1.x.x
 - Regenerated JSON schema to pick up action parameters added in previous release
- Complete errata details shown in the Change Log within DSP8010



Q&A & Discussion



Redfish