Redfish Release 2022.1 Now Available

June 2022

Redfish® Release 2022.1 is now available for public download. Designed to deliver comprehensive views of systems, from both on-premise and cloud deployments, Redfish® Release 2022.1 introduces several key features that will be represented as part of the Hardware Abstraction Layer (HAL) or as a property in other Redfish® models.

Key highlights of the Redfish® 2022.1 release are the addition of:

- New properties
- New resource types
- Infrastructure life cycle management
- Enhanced Fault Management
- Better data representation
- New methods and operations
- New defenses against cyber threats
- Updates to the Management Interface Design (MID)
- Additional Redfish® Model implementation

These new features and properties have an impact across the entire Redfish® Model and are designed to help implementers better manage their systems.

For more information on the Redfish® 2022.1 release, visit the Redfish® Resource and Schema Guide - Updated for 2022.1. This human-readable guide is a comprehensive view of each revision to Redfish since 2016. Additionally, it helps avoid re-defining property names already in use. The Redfish® Reference Dictionary provides a reference helps with locating existing property definitions within the Redfish® schema.

To learn more about Redfish®, click Redfish® Developer Hub. It is the Redfish® technical resource and provides all the files, tools, community support, tutorials and other technical work on the Redfish® Specification.

Webinars

Upcoming DMTF webinars provide an opportunity to learn more about Redfish® and other related topics.

DMTF on YouTube

Keep an eye on the DMTF YouTube Channel for upcoming webinars.

Redfish®Tutorial Highlighting SmartNICs

SmartNICs are changing the way data centers are designed and built. These intelligent network cards can support a variety of advanced networking and computing tasks.

These processing functions can be collocated with amounts of storage, either ephemeral or persistent, giving SmartNICs equivalent capability of a traditional computing system. The function offload capacity, artificial intelligence, machine learning, and digital signal processing can be provided via Redfish®. Sometimes known by other names and classifications, such as DPU, the purpose of a SmartNIC is to manage network and compute functions of data centers.

Make Plans Now to Attend DMTF’s 2022 Alliance Partner Technical Symposium

Make plans now to attend DMTF’s 2022 Alliance Partner Technical Symposium (APTS), hosted in partnership with longstanding Alliance Partner, the Storage Networking Industry Consortium (SNIA). Featuring collaborative working group meetings, focused on technical topics such as Redfish®, the Annual Platform Management Symposium (APTS), PCI-SIG 8/18 Board Meeting, and Open Compute Project Foundation (ODF) Board Meeting will be held in conjunction with the Symposium.

These videos are also available directly on the Redfish® Developer Hub. All “Redfish® School” mini-tutorials and videos can be viewed on the Portal.

Recent DMTF Standards

Recent DMTF Standards Represented at Industry Events

- Redfish® Model (Redfish® 2.0.2)
- Open Policy Agent (OPA) (OPA 1.0.0)
- Open Systems Management (OSM) (OSM 2.0.0)
- Storage Management (STSM) (STSM 2.0.0)
- System Management (SM) (SM 2.0.0)
- Virtual Computing Environment (VCE) (VCE 1.0.0)

The full library of DMTF videos is available on the DMTF YouTube Channel. Conference attendees are participating in the conference by viewing the recordings and presentations.

Contact Us

Want to change how you receive these emails? Click here. The Forum chairs will present the contents of the release followed by a round table discussion. For questions regarding the webinar, email: discussion. For questions regarding the webinar, email: PT2022.1.