

October 2022

**Issue Highlights**

- Redfish Release 2022.2 Now Available and Upcoming Webinar
- DMTF Announces the SPDM Working Group
- Don't Miss Us at OCP and SC22
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## Redfish Release 2022.2 Now Available

DMTF's [Redfish®](#) Release 2022.2 is now available for public download. Designed to deliver simple and secure management for hybrid IT and the Software Defined Data Center (SDDC), the latest release of the Redfish standard includes **27 schema updates** and a **new Sensor registry that defines general events from the Sensor model**.

**Key highlights** of the Redfish 2022.2 release are the addition of **Reset To Defaults** action to various resources, support for clients to create **Ethernet Interface** resources, added **manager network port** information, added a new **Security Policy resource**, and added a new **Trusted Component resource**.

These latest enhancements are driven by the growth of Redfish and interoperability feedback received from implementers. Some of the items in the new Redfish 2022.2 update include:

- [Redfish Specification v1.16.0](#) – Adds new optional standard roles. Adds allowable string pattern, allowable number values, and writeable property payload annotations.
- [Redfish Specification v1.15.2](#) – Errata release. Clarified URI naming rules and usage of HTTP 204 Response code. Added explanation of service-defined filtering of properties based on user identity beyond what is assigned by Redfish privileges.
- [2022.2 Redfish Schema Bundle](#) – This .zip file contains the current versions of all Redfish schemas. The bundle includes 27 schema updates and developer resources.
  - Added Reset To Defaults action to various resources
  - Added support for clients to create Ethernet Interface resources
  - Added manager network port information
  - **NEW** Security Policy resource - provides a central point to configure the security policy of a manager; configures Security Protocol Data Model (SPDM)-related connection settings for the manager; configures TLS-related connection settings for the manager
  - **NEW** Trusted Component resource - represents a security device for establishing trust, such as a TPM or a hardware root of trust; collection of Trusted Component resources can be found subordinate to the Chassis resource; each Trusted Component resource contains inventory-related information about the device.
- [Redfish Message Registry Bundle 2022.2](#) – The Message Registry Bundle contains all released Redfish message registries.
  - **Added** Sensor registry - defines general events from the sensor model.
- [Redfish Release 2022.2 Overview](#) – This presentation provides detailed descriptions of each revision in Redfish 2022.2.
- [Redfish Resource and Schema Guide](#) – Updated for 2022.2 this human-readable guide to the Redfish Schema is designed to help educate users of Redfish. Application developers and DevOps personnel creating client-side software to communicate with a Redfish service, as well as other consumers of the standard, will benefit from the explanations in this resource. Includes example payloads for each resource type.
- [Redfish Message Registry Guide](#) – The Redfish Message Registry Guide presents message registry definitions in a more human-readable format and includes a summary table as well as individual message details.
- [Redfish Property Guide](#) – Intended primarily for schema authors, this newly revised reference helps with locating existing property definitions within the Redfish schema. Additionally, it helps avoid re-defining property names already in use.
- **RENAMED** Redfish Schema Supplement to [Redfish Data Model Specification](#) – Document was previously titled "Redfish Schema Supplement." Includes normative statements ("LongDescription") and informative description details from schema in a single document. Intended for both Redfish Service and client-side developers.
- [Redfish Release History](#) – Updated with each new release, this presentation offers a comprehensive view of each revision to Redfish since 2016.

### Upcoming Webinar:

DMTF's Redfish Forum would like to invite anyone interested in learning about the **Redfish 2022.2 release to join a [live webinar](#)**, hosted via Zoom, on **Thursday, October 13, 2022, at 9:00 a.m. PT**. The Forum chairs will present the contents of the release followed by a round table discussion. For questions regarding the webinar, email: [webinars@dmft.org](mailto:webinars@dmft.org). Don't delay, be sure to [register](#) today!

## DMTF Announces the SPDM Working Group

DMTF recently announced that the [Security Protocols and Data Models \(SPDM\)](#) Working Group now reports directly to the Technical Committee. Formerly a task force under the [Platform Management Communications Infrastructure \(PMCI\)](#) Working Group, the group's work has increased in scope, industry support and interest. This change will help with industry alignment and allow the group to work more closely with other DMTF groups and Alliance Partners. In addition, the working group will be able to focus on features that not only support management and control activities but also support securing data at rest and in flight.

DMTF members are encouraged to join the SPDM Working Group and help shape these crucial security deliverables by visiting [SPDM's workspace page](#). Non-members who would like to join DMTF to contribute can learn more here: <https://www.dmtf.org/join>.

[Click here](#) to read the entire announcement.

## Don't Miss Us at OCP and SC22

Are you attending the OCP Global Summit or SC22? We'll be there! You can find us at booth number C35 at the OCP Summit, and for SC22 we'll be located and participating in the Open Standards Pavilion.

### In Case You Missed It

### DMTF Announces New Chair of the Board

Please join us in welcoming [Mike Raineri](#) to our Board of Directors! Mike was recently appointed to the role of DMTF Chair of the Board. Mike is a Distinguished Member of the Technical Staff at [Dell Technologies](#), where he is a technical leader for enclosure management solutions for storage appliances within the Dell EMC Infrastructure Solutions Group.

Mike has been actively involved with DMTF since 2015. He was elected as the co-chair of the Redfish Forum in 2017 assisting with the ongoing development and adoption of the Redfish standard. [Click here](#) to read the full announcement.

Welcome aboard, Mike!

### New Security Protocol (SPDM) Tutorials Now Available

DMTF's educational series on the organization's [Security Protocol and Data Model \(SPDM\) standards](#) is now available on [our YouTube channel](#). During the three mini-tutorial videos, viewers will learn about SPDM 1.0, 1.1 and 1.2.

The full library of DMTF videos is available on the [Webinars](#) page in the DMTF website's [Education](#) section. These videos are also available directly on [DMTF's YouTube channel](#), so don't miss out when we post something new – click [here](#) to subscribe to our YouTube channel today!

### DMTF Releases Field Replaceable Unit (FRU) Data Model as a Work in Progress and Seeks Industry Feedback

The [Platform Management Communications Infrastructure \(PMCI\)](#) Working Group recently published an overview presentation, which shares its goals and approach to a common and extensible format for the [Field Replaceable Unit \(FRU\) Data Model Schema](#).

This presentation, now available for download, is a Work in Progress (WIP) that lists a set of planned features while describing the benefits this new data model will provide.

Designed to be referenced by other standards organizations and developers, DMTF invites public comment on the FRU WIP before finalization. Feedback may be submitted on our website at <https://www.dmtf.org/standards/feedback/>. [Click here](#) to learn more.

Information about DMTF's leadership, technologies, and how to participate can be found at [www.dmtf.org](http://www.dmtf.org). Contact us online or reach us at <http://www.dmtf.org/contact>.

### Newsletter Feedback

We welcome your input on what you'd like to see included here – just [Contact Us](#) online and share your feedback!

### Have You Checked Out the Latest Academic Alliance Research Papers?

On the [Academic Alliance web page](#), we have a list of research papers which either reference or include DMTF technologies.

We recently added the "[Redfish-Nagios: A Scalable Out-of-Band Data Center Monitoring Framework Based on Redfish Telemetry Model](#)" paper, which was presented at [SNTA 2022: The Fifth International Workshop on Systems and Network Telemetry and Analytics](#).

To read other research papers that highlight DMTF technologies [click here](#).

### Need a DMTF Logo for your Marketing Materials?

We've got you covered! Email [press@dmft.org](mailto:press@dmft.org) for the DMTF and/or Redfish logo files as well as the most current Logo Usage Guidelines and Graphic Standards. We've recently updated the usage guidelines to include the use of the Redfish logo on a dark background.

### Upcoming DMTF Meetings

- 10/20 Board Meeting
- 11/10 Board Meeting
- 12/15 Board Meeting

### New Members

Participation Level  
[Code Construct](#)

### Recent DMTF Specifications

- [DSP0267\\_1.2.0 -- Platform Level Data Model \(PLDM\) for Firmware Update Specification](#)
- [DSP0266\\_1.15.2 -- Redfish Specification](#)
- [DSP0266\\_1.16.0 -- Redfish Specification](#)
- [DSP0268\\_2022.2 -- Redfish Data Model Specification](#)
- [DSP8010\\_2022.2 -- Redfish Schema Bundle](#)
- [DSP8011\\_2022.2 -- Redfish Standard Registries Bundle](#)
- [DSP8013\\_2022.2 -- Redfish Interoperability Profiles Bundle](#)
- [DSP2046\\_2022.2 -- Redfish Resource and Schema Guide](#)
- [DSP2053\\_2022.2 -- Redfish Property Guide](#)
- [DSP2060\\_1.0.0 -- Redfish User Guide](#)
- [DSP2065\\_2022.2 -- Redfish Message Registry Guide](#)
- [DSP2043\\_2022.2 -- Redfish Mockups Bundle](#)
- [DSP2051\\_1.0.1 -- Redfish Telemetry White Paper](#)
- [DSP2062\\_1.0.1 -- Redfish Firmware Update White Paper](#)

### DMTF on YouTube

Check out our latest videos and be sure to subscribe to the [DMTF YouTube Channel](#) to stay up-to-date with our current and upcoming webinars.

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## About DMTF

DMTF creates open manageability standards spanning diverse emerging and traditional IT infrastructures including cloud, virtualization, network, servers and storage. Member companies and alliance partners worldwide collaborate on standards to improve the interoperable management of information technologies. The organization is led by a diverse board of directors from Broadcom Inc.; Cisco; Dell Technologies; Hewlett Packard Enterprise; Intel Corporation; Lenovo; NetApp; Positivo Tecnologia S.A.; and Verizon.

