

The OpenInfra Foundation/ DMTF Work Register

Version 2.0

Date Initiated: 10/06/2022

The DMTF Work Register is created between DMTF and an Alliance Partner to formally define the objectives, scope, benefits, and deliverables of the alliance partnership. The register helps both organizations coordinate efforts to achieve the stated goals and objectives.

Alliance Organizations

The [Open Infrastructure Foundation](#) and [DMTF](#).

Open Infrastructure Foundation (OpenInfra Foundation)

The OpenInfra Foundation supports the development and adoption of open infrastructure globally, across a community of over 110,000 individuals in 187 countries, by hosting open source projects and communities of practice.

The OpenInfra Foundation is helping to establish new open source communities to advance areas where technology can successfully contribute to the development of open infrastructure: AI/Machine Learning, CI/CD, Container Infrastructure, Edge Computing and of course, Public, Private and Hybrid Clouds.

The OpenInfra Foundation hosts open source projects that contribute to the advancement of today's infrastructure. From cloud hosting to the driving force behind 5G, these projects are code first and operate under the guiding principles called the "Four Opens": open source, open design, open development, and open community. These projects include OpenStack, Airship, Kata Containers, OpenInfra Labs, StarlingX, and Zuul (openinfra.dev/projects).

DMTF

DMTF is an industry standards organization working to simplify the manageability of network accessible technologies through open and collaborative efforts by leading technology companies. DMTF creates and drives the international adoption of interoperable management standards, supporting implementations that enable the management of diverse traditional and emerging technologies including cloud, virtualization, network, and infrastructure.

The Redfish Forum is responsible for the DMTF's Redfish®. The Redfish standard is designed to deliver simple and secure management for converged, hybrid IT and the Software Defined Data Center (SDDC). Both human readable and machine capable, Redfish leverages common Internet and web services standards to expose information directly to the modern tool chain.

Specifically, the Redfish Forum maintains a conformance test which tests using Redfish profile file. The Profile file is a JSON which an organization using to prescribes the subset of the Redfish interface required for their manageability domain.

Alliance Goals

Some OpenInfra Foundation's projects, including OpenStack, Airship and StarlingX, use Redfish either directly or via Ironic and Sushy.

The goals of the alliance are:

- Develop Profile files for applicable OpenInfra Foundation projects to prescribe their manageability support requirements
- Address issues which arise from the use of Redfish interface by OpenInfra Foundation projects

Limitations

The OpenInfra Foundation will not produce delegated standards that conflict or diverge from existing or proposed DMTF standards where possible.

Milestones / Dates

This section is to list specific milestones that will be accomplished by the alliance partnership.

Milestone/Deliverables	Timeframe
DMTF and the OpenInfra Foundation approves of Work Register	Oct 2022
DMTF and OpenInfra Foundation to mutually supply logo and logo usage guidelines	Nov 2022
DMTF announces the OpenInfra Foundation as a new alliance partner and publish work register	Nov 2022
OpenInfra Foundation announces DMTF as Associate member of the foundation	Nov 2022
OpenInfra Foundation approves OpenStack Redfish profile	2H 2022
OpenInfra Foundation approves StarlingX Redfish profile	2023

Access

DMTF and the OpenInfra Foundation may want to provide documentation and collateral to each other. This information can be exchanged publicly, or not.

Providing access to documents

- DMTF will provide access to information and specifications available by releasing and posting documents on the public DMTF website. The documents will be released as either “Work-in-Progress”, “Informational”, or “Standard”.
- The OpenInfra Foundation: All the OpenInfra Foundation meetings, code bases, and collateral are open source. Existing code is dual licensed GPLv2 and BSD.

Provide feedback and contributions which may involve intellectual property:

- For Redfish issues, the OpenInfra Foundation can submit issues on the Redfish Forum's public discussion site (redfishforum.com)
- The OpenInfra Foundation can submit feedback and contributions to DMTF specifications via the DMTF Technology Submission Portal (dmtf.org/standards/feedback), subject to the terms of the DMTF Intellectual Property Rights Agreement set forth on such portal.
- DMTF can submit feedback and contributions to the OpenInfra Foundation specifications by participating in an the OpenInfra Foundation project.

Work Register Review Date

The next review date is expected to be September 2024

The DMTF work register review processes can be found in DSP4003.

https://www.dmtf.org/sites/default/files/standards/documents/DSP4003_1.8.0.pdf

Resources Identified / Points of Contact:

Below are the members of each organization that will act as points of contact between the two organizations.

The OpenInfra Foundation:

- OpenInfra Foundation General Senior Upstream Development Advocate, Kendall Nelson (knelson@openinfra.dev)
- OpenInfra Foundation Senior Manager Community & Business Development, Jimmy McArthur (jimmy@openinfra.dev)

DMTF:

- DMTF VP of Alliances (vp-alliances@dmtf.org)
- DMTF's OpenInfra Foundation Alliance Contacts mail-list (The openinfra-alliance@dmtf.org)

Corresponding OpenInfra Foundation Document

There are no corresponding documents created by the OpenInfra Foundation. This document was approved by the OpenInfra Foundation Executive Director on 10/07/2022.

Approval by the DMTF Board of Directors

Approved by the DMTF Board of Directors; Board Resolution **2022-10-06**, on 10/20/2022.