Broadband Forum/ DMTF Work Register
Version 1.0
Date Initiated: 11/03/2017

The DMTF Work Register is created between the 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

Broadband Forum (BBF) and the Distributed Management Task Force (DMTF)

Broadband Forum

Broadband Forum, a non-profit industry organization, is focused on engineering smarter and faster broadband networks.

BBF's work defines best practices for global networks, enables new revenue-generating service and content delivery, establishes technology migration strategies, engineers critical device, service & development management tools, in the home and business IP networking infrastructure. The BBF develops multi-service broadband packet networking specifications addressing architecture, device and service management, software data models interoperability and certification in the Broadband market.

BBF's work enables home, business and converged broadband services, encompassing customer, wireline and wireless access and backbone networks. The BBF mission is to accelerate the adoption of the work in order to bring new, valuable services to our member companies and all stakeholders who use the developed work.

Distributed Management Task Force

The Distributed Management Task Force 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.

Alliance Benefits

The BBF will benefit from:

- Referencing established DMTF Redfish technologies for specifying compute and networking domain manageability of platforms.
- Access to Redfish manageability expertise within the DMTF and its membership.

DMTF will benefit from:

- Establishing the Redfish manageability standard in the Network Operator domain

This alliance will provide the following benefits:

- Cross-promote DMTF and BBF work products and events to their member companies.
- Activities to coordinate and align the DMTF and BBF work products.

Activities

The following activities are expected to occur during the duration of this work register.

The BBF

- Specifies Redfish resources needed to support the BBF use cases.
- Establishes a DevOps PoC project utilizing Redfish

The DMTF:

- Provides expertise on Redfish to assist BBF on the creation of example Redfish resources (AKA mock-ups) and schema.

Limitations

It is the intention to drive alignment between DMTF standards and BBF compliance design objectives, creating clear boundaries between DMTF core standards and BBF library of Managed Objects. As such, it is not BBF's intention, in the development of Managed Objects using Redfish technologies, to 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
Approval of Work Register v1.1 by DMTF and BBF	November 2017
DMTF Announcement of BBF as a new alliance partner and publish work register	November 2017
Submit Broadband Forum Redfish mockup and schema extension for user objects	Nov 2017

BBF "User Managed Objects Framework (UMOF)" objects Taxonomy registration (based on redfish schema extension for user object schema)	Dec 2017
Phase 2: Proof-of-concept implementation of a GUI utilizing Redfish providers to access data	First half 2018

Access

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

For information which can be accessed publicly

- The DMTF will make the information available by posting as "Work-in-Progress" , "Informational", or "Standard" (dmtf.org/redfish)

- The BBF will make the information available by posting to the BBF UMOF wiki

For any information that involves intellectual property (that is information contributed to each other's projects):

- The BBF can submit to the DMTF Technology Submission Portal (dmtf.org/standards/feedback)

- The BBF and DMTF can host a meeting to exchange the information

- If DMTF members (who are not also BBF members) wish to contribute to the UMOF library of objects, those companies will need to sign a Participation Agreement which will be supplied as required. The intention is that this process will not create any barrier to entry and participation.

Documentation

The DMTF will make the following specifications available to the BBF. These will generally be available on the public DMTF Redfish site.

- Redfish Specification

- Redfish model schema and mockups

- Redfish whitepapers

The BBF will make the following documents available to the DMTF.

- Broadband extensions to Redfish

Work Register Review Date

The next review date is expected to be July 2018.

The DMTF work register review processes can be found in DSP4003.
https://www.dmtf.org/sites/default/files/standards/documents/DSP4003_1.6.0.pdf

Resources Identified / Points of Contact:

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

BBF:

- Michael Bugenhagen, Co-Chair, UMOF project,

  michael.k.bugenhagen@centurylink.com

- Robin Mersh, CEO, rmersh@broadband-forum.org

DMTF:

- DMTF VP of Alliances (vp-alliances@dmtf.org)

Corresponding BBF Document

There are no corresponding documents created by BBF. This document was approved by the BBF Board

Approval by the DMTF Board of Directors

Approved by the DMTF Board of Directors; Board Resolution **2017-10-06**, on 10/19/2017.