The Green Grid / DMTF Work Register
Version 1.3d
Date Initiated: 06/06/2017

The DMTF Work Register is created between the DMTF and an Alliance Partner to formally define the 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 Green Grid Association (TGG) and the Distributed Management Task Force (DMTF)

Background

The last work register was approved in 2011. This is an update to that work register.

TGG's DCIM (Data Center Infrastructure Management) Work Group (WG) and RedfishAPI WG has expressed interest in using some DMTF technologies (e.g. Redfish). The DCIM domain includes cooling and power equipment such as Chillers, CRACs, power distribution units, etc.

Alliance Partner and its Mission

The Green Grid Association is a 501(c)(6) non-profit, open industry consortium of information and communications technology (ICT) industry end-users, policymakers, technology providers, facility architects, and utility companies that works to improve IT and data center resource efficiency around the world. We offer the data center expertise that governments turn to for industry insight and counsel, bringing to bear the combined influence of a diverse body of ICT industry leaders. Our vendor-neutral dynamic creates a rich, collaborative environment of peers, competitors, and industry experts who advance our mission together.

For more information see www.thegreengrid.org .

Alliance Partnership Benefits

The Alliance Partnership will have the following benefits.

The Green Grid will benefit from:

- Referencing established DMTF management technologies for specifying DCIM domain manageability of platforms.   This includes leveraging Redfish API technology.
- Access to the platform manageability expertise within the DMTF and its membership.

DMTF will benefit from:

- Establishing a manageability standard in the DCIM domain using DMTF technologies (ex. Redfish).

This alliance will provide the following benefits:

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

Activities

This section lists the activities that will (or may) occur during the alliance partnership.

The Green Grid will/may

- Review and provide feedback on the current Redfish model for power and thermal datacenter platforms.
- May develop Redfish model and mockup artifacts to manage DCIM platforms and submit the artifacts to the DMTF.
- May attend and participate in the DMTF Alliance Partner Technical Symposium and related conferences.

The DMTF will/may:

- May create a press release regarding the TGG-DMTF work register.
- May provide the Green Grid expertise in creating Redfish API data definitions, models and related items.
- May send representatives to the TGG Forums.
- May send DMTF representative to TGG WG meetings provided the DMTF representative is also a TGG member.

Limitations

The Green Grid will not produce delegated standards using DMTF technology, that conflict or diverge from existing or proposed DMTF standards.

Milestones / Dates

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

Milestone/Deliverables	Timeframe
Approval of work register v1.3	Q2 2017
TGG Redfish API WG submits Redfish artifacts to DMTF	Q3 2017
DMTF publishes DCIM Redfish artifacts as WIP and Standards	Q3/Q4 2017
TGG Redfish API WG publishes whitepaper on Redfish DCIM usage	Q4 2017

Access

The DMTF will make the following specifications/artifacts available to The Green Grid. Access will be via the DMTF public website as 'Standard' or 'Work in Progress':

- Redfish Specification, schema and mockups

The Green Grid will make the following specifications/artifacts and related feedback/commentary available to the DMTF via the DMTF Technology Submission Portal:

- Redfish aligned Mockups and Model Schema artifacts and related information.

Work Register Review Date

The next review date is expected to be June 2018.

Resources Identified / Points of Contact:

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

The Green Grid:

- Jay Taylor , Chair Liaison Committee, Jay.Taylor@schneider-electric.com
- RedfishAPI WG Chair
- Power WG Chair

DMTF:

- DMTF internal reflector (tgg-alliance@dmtf.org)
- DMTF VP of Alliances (vpalliances@dmtf.org); John.Leung@intel.com

Corresponding Alliance Partner Document

There are no corresponding documents created by The Green Grid.

Approval by the DMTF Board of Directors

Approved by the DMTF Board of Directors; Board resolution
2017-06-07; on 06/22/2017.

Approval by the TGG Board of Directors

Motion approved on <date>.