

**The Green Grid Association/ DMTF Work Register**  
**Version 1.0**  
**Date Initiated : 08/27/2007**

## **Alliance Organizations**

[The Green Grid Association](#) (TGG) and the [Distributed Management Task Force](#) (DMTF)

## **Background**

DMTF and TGG currently do not have an alliance partnership in place. Working groups under the DMTF's TC are currently engaged in developing management specifications in a number of areas that are relevant to the management of data centers. Some examples include management of virtualization technologies, platform centric power and cooling management, and application management. TGG is in the process of identifying standards development organizations whose work they can leverage in support of their mission (see below).

## **Alliance Partner Mission**

TGG is a global consortium dedicated to developing and promoting energy efficiency for data centers by:

- Defining meaningful, user-centric models and metrics
- Developing standards, measurement methods, best practices and technologies to improve performance against the defined metrics
- Promoting the adoption of energy efficient standards, processes, measurements and technologies

## **Alliance Benefits**

In order to support their goals, TGG is identifying enabling technologies for the definition of a single, holistic interface for management and monitoring of the data center. The ecosystem that exists around WBEM technologies (management tools, open source infrastructure, tooling, etc.), maturity, and currency with industry best practices enables TGG to meet their goals of leveraging existing infrastructure, reduced time to market of solutions, and longevity of solution definition.

Accordingly, TGG has determined that WBEM and the suite of related technologies will be actively pursued and at this time the TGG expects this technology to form the basis of the management interfaces they define

TGG will leverage and extend the technologies and specifications of the DMTF to apply them to the data center. In order to ensure the consistency and interoperability of solutions for this new management domain with existing deployed solutions, TGG wishes to leverage the expertise of the DMTF as they apply WBEM technologies in the data center. An alliance will benefit TGG by providing them access to the expertise of the DMTF and its membership.

DMTF will benefit from increased adoption of technologies widely used by its members. The application of these technologies to the data center will create a new market for the solutions in which DMTF members are heavily invested.

The industry will benefit from an alliance partnership through utilization of a single interface for heterogeneous management inside and outside of platforms, across data centers, and for IT and non-IT equipment. Coordination of DMTF and TGG standards will improve interoperability of management solutions at all levels of the data center.

## **Milestones / Dates**

TGG anticipates producing interface specifications based upon WBEM technologies in approximately 12-18 months.

Representatives from TGG will participate in the DMTF Alliance Partner Technical Summit meetings

TGG will communicate requirements to DMTF through participation in individual WGs as appropriate.

## **Work Register Review Date**

This work register shall be reviewed in March 2009.

## **Resources Identified / Points of Contact:**

TGG:

- Aaron Merkin, Liaison Committee representative to the DMTF, [amerkin@us.ibm.com](mailto:amerkin@us.ibm.com)
- Larry Lamers, Board sponsor, [llamers@vmware.com](mailto:llamers@vmware.com)
- Don Tilton, Chair Liaison Committee, [dtilton@spraycool.com](mailto:dtilton@spraycool.com)

DMTF:

- Jeff Hilland, Vice President of Technology
- Jeff Hilland, Server Management Working Group co-chair, [jeff.hilland@hp.com](mailto:jeff.hilland@hp.com)
- Aaron Merkin, Server Management Working Group co-chair, [amerkin@us.ibm.com](mailto:amerkin@us.ibm.com)

## **Corresponding DMTF Work Register Document**

Please list any alliance partner document that describes the relationship from that partner's perspective and is created according to their process.

Approved by the DMTF Board of Directors on 1/17/2008 with resolution #2008-01-4