

Platform Management Subcommittee Charter

Dated 2014-04-24

The information provided below is subject to change and reflects the current state of the Subcommittee charter within the DMTF.

Management Problem(s) and Environment

There are many different types of computing platforms. These platforms may be physical or logical constructs. Examples of physical platforms are client, desktop, server, and telecommunication systems. Examples of logical constructs are clusters, logical partitions, virtual machines, and hosted client systems. These different computing platforms are often deployed and managed heterogeneously. In the case of logical platforms, they are deployed on top of one or more physical platforms.

The problems faced by the administrators responsible for managing these different types of platforms include:

- status monitoring
- configuration
- asset and inventory tracking
- managing installed software
- provisioning and deployment

Subcommittee Scope

The goal of the Platform Management Subcommittee is to define platform independent, interoperable, industry standard management interfaces for logical and physical platforms.

The focus areas of the subcommittee form a logical hierarchy as shown:

Logical Platform External Management Interfaces
Physical Platform External Management Interfaces
Physical Platform Oriented Internal Management Interfaces (protocols and payloads)

The subcommittee will be responsible for overseeing the work of the Working Groups reporting to it. The subcommittee will be responsible for reporting these activities to the Technical Committee.

This subcommittee reports to the Technical Committee. The subcommittee will be responsible for ensuring specifications produced by the individual Working Groups fit together such that the internal interfaces enable the external physical platform management interfaces and these interfaces in turn are seamless with the interfaces used for logical platform management. A primary goal of the subcommittee is ensuring the models produced for external management are reusable for logical and physical modeling wherever applicable.

Justification

This subcommittee will help better focus on addressing the management challenges of platforms as the manageability needs of those platforms evolve. Additionally, this subcommittee will allow the Technical Committee to more evenly distribute the workload across subcommittees that report to the Technical Committee.

Reliance/Coordination with other DMTF Groups

The Platform Management Subcommittee will coordinate the activities of the subordinate Working Groups as well as any activities across subcommittees or other DMTF organizations as deemed necessary.

DMTF Contacts

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To join the DMTF and/or the Platform Management Subcommittee, see <http://www.dmf.org/join/> and <http://www.dmf.org/apps/org/workgroup/platform-sc>.