Platform Management Sub-Committee
Dated 2008-01-18

The information provided below is subject to change and reflects the current knowledge of the Sub-Committee.

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 includes:

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

Sub-Committee Charter

The goal of the Platform Management Sub-Committee is to define platform independent, interoperable, industry standard management interfaces for logical and physical platforms, excluding the development of specifications of external network based protocols. In the context of this charter, interfaces are comprised of protocols and data models. This effort is meant to be complimentary to and leverage other DMTF protocol and data model definitions such as WS-Man and CMDBf.

The focus areas of the sub-committee 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 sub-committee will be responsible for overseeing the work of the Working Groups reporting to it.

The sub-committee will be responsible for ensuring specifications produced by the individual working groups to 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 sub-committee is ensuring the models produced for external management are reusable for logical and physical modeling wherever applicable

Prior Work

- None defined for this sub-committee at this time.

Current Work

See the charters of the active working groups listed below.

DMTF Contacts

Sub-committee Chair: platform-sc-chair@dmtf.org

To join the DMTF and/or the Sub-Committee, see
http://www.dmtf.org/join/ and
http://www.dmtf.org/apps/org/workgroup/platform-sc