DMTF

Developing Standards that Enable
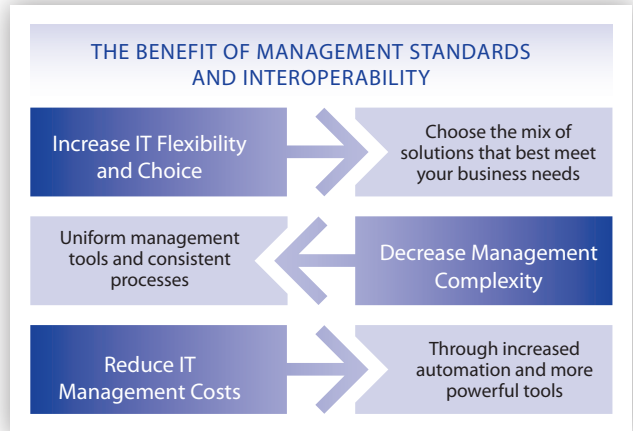Interoperable IT Management

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Developing Standards that Enable Interoperable IT Management

The DMTF works to standardize key areas of systems management to benefit both IT administrators who seek to simplify the management of their environments and developers implementing management solutions.

DMTF standards primarily serve:

- IT Personnel – Providing improved interoperability for heterogeneous IT management infrastructures.

- IT Solutions Vendors – Reduce development and design costs by enabling companies to dedicate resources to growing their business.

THE BENEFIT OF MANAGEMENT STANDARDS AND INTEROPERABILITY

Increase IT Flexibility and Choice → Choose the mix of solutions that best meet your business needs

Uniform management tools and consistent processes ← Decrease Management Complexity

Reduce IT Management Costs → Through increased automation and more powerful tools

DMTF members collaborate to develop IT management standards that promote multi-vendor interoperability worldwide. DMTF standards help reduce system management complexity, lower costs and improve agility.

DMTF Enables and Promotes Standards-based Solutions

In addition to defining management standards, another goal of the DMTF is to accelerate the adoption of its associated standards by the industry and to help end users understand the benefits of products that support the standards.

DMTF Standards, Initiatives and Efforts:

- Cloud Auditing Data Federation (CADF)
- Cloud Infrastructure Management Interface (CIMI)
- Common Diagnostic Model (CDM)
- Common Information Model (CIM)
- Configuration Management Database Federation Standards (CMDBf)
- Desktop & Mobile Architecture for System Hardware (DASH)
- Network Management (NETMAN)
- Open Software Defined Data Center (OSDDC)

- Open Virtualization Format (OVF)
- Platform Management Components Intercommunication (PMCI)
- System Management Architecture for Server Hardware (SMASH)
- System Management BIOS (SMBIOS)
- Virtualization Management (VMAN)
- Web-Based Enterprise Management (WBEM)
- Web Services Management (WS-MAN)

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