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가 . DMTF(Distributed Management Task Force)  
2006 1 SMASH(System Management  
Architecture for Server Hardware)

PC

“Targeted Platform”

, “Targeted Platform”

in-band, out-of-band, in-service, out-of-service

DMTF “SMASH Forum” “System Management Forum”

“SMASH Initiative” 2007 3 “DASH(Desktop and Mobile Working Group)

Initiative” . “DASH Initiative”

IT 가 PC

DASH가

**DMWG (Desktop & Mobile PC Working Group) DASH**

“DASH Initiative” DMWG 2006 1

. DMWG , , PC “Targeted Platform”

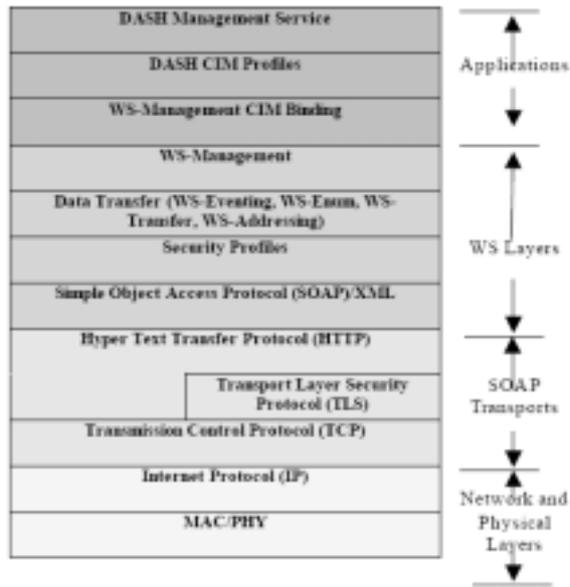
- Alerting and event logging ( )
- Remote system power control (on/off/reset) and monitoring ( )
- Select, control and transfer executable (boot) images ( 가 ( ) , )
- Boot process monitoring ( )
- Platform asset inventory (hardware, firmware, etc.) ( )
- OS re-imaging and recovery assistance ( )
- Discovery of “Targeted Platforms” ( )
- Provisioning of “Targeted Platforms” ( )

- “Targeted Platform”
- “Targeted Platform” CIM
- DMTF “Out-of-band”
- 가
- “Interoperability Committee”

DASH

DASH

, DMTF “Web Services for Management(WS-Management)”  
 “Common Information Model(CIM)” . DASH CIM  
 “WS-Management”가



< 1> DASH WS-Management Protocol Stack for DASH

“WS-Management”

- DISCOVER ( )
- GET, PUT, CREATE, DELETE ( )
- ENUMERATE ( )

- SUBSCRIBE, DELIVER ( )
- EXECUTE ( )

“DASH Implementation Requirements 1.0”

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< 1> DMWG 1.0 Profiles

Profile Name	Description	Manageability Feature
Base Desktop Mobile	Autonomous profile for describing desktop or mobile systems	Hardware Information, Correlatable System ID
Physical Asset	Physical component, chassis, card, FRU representation	Hardware Information
Boot Control	Boot sequence representation and configuration	Boot Control
Power State Management	System power state representation and control	Power Control
Software Inventory	Representation of software/firmware identification and version information	Firmware Version Information
CPU	Processor representation and configuration	Hardware Information
System Memory	System memory representation	
Fan	Fan status and component representation	
Power Supply	Power supply status and component representation	
Sensor	Sensor status and component representation	
Role Based Authorization	Role and privilege representation and management	Login and UserID credentials as well as Roles and Privileges
Simple Identity Management	User identity representation and management	
Indications	Subscription, listener destination, event filter and indication representation and management	WS-Eventing Push Indications (functionally equivalent to PET alerts)

Requirements)  
Requirements)

(Security  
(Discovery

. DASH , PC, (syntax)/ (semantic)  
 . “DASH Initiative” DMWG , Boradcom,  
 Dell, HP, IBM, Intel, Microsoft, Novell, Symantec 35 180

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