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5 SM CLP Admin Domain Profile

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Foreword

- The SM CLP Admin Domain Profile (DSP1007) was prepared by the Server Management Working Group
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- 99 DMTF is a not-for-profit association of industry members dedicated to promoting enterprise and systems 100 management and interoperability.
- 101

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- 115 John Leung Intel
- 116
- 117

Introduction

119 The information in this specification should be sufficient for a provider or consumer of this data to identify

unambiguously the classes, properties, methods, and values that shall be instantiated and manipulated to 120

represent collections of select managed elements and the management domain for use when 121

implementing the <u>Server Management Command Line Protocol (SM CLP) Specification</u>, <u>Server</u> <u>Management Managed Element Addressing Specification (SM ME)</u>, or both. The target audience for this 122

123

124 specification is implementers who are writing CIM-based providers or consumers of management

interfaces that represent the component described in this document. 125

127 **1 Scope**

The SM CLP Admin Domain Profile extends the management capability of referencing profiles by adding
 the capability to represent the management domain of the CLP and the collection of hardware being
 managed.

131 **2 Normative References**

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

135 **2.1 Approved References**

- 136 DMTF DSP0004, CIM Infrastructure Specification 2.5,
- 137 <u>http://www.dmtf.org/standards/published_documents/DSP0004_2.5.pdf</u>
- 138 DMTF DSP0200, CIM Operations over HTTP 1.3,
- 139 <u>http://www.dmtf.org/standards/published_documents/DSP0200_1.3.pdf</u>
- DMTF DSP0215, Server Management Managed Element Addressing Specification 1.0,
 http://www.dmtf.org/standards/published_documents/DSP0215_1.0.pdf
- DMTF DSP1001, Management Profile Specification Usage Guide 1.0,
 http://www.dmtf.org/standards/published_documents/DSP1001_1.0.pdf
- 144 DMTF DSP1004, Base Server Profile 1.0,
 145 http://www.dmtf.org/standards/published_documents/DSP1004_1.0.pdf
- 146 DMTF DSP1008, *Modular System Profile 1.0,*
- 147 http://www.dmtf.org/standards/published_documents/DSP1008_1.0.pdf
- 148 DMTF DSP1011, Physical Asset Profile 1.0,
- 149 <u>http://www.dmtf.org/standards/published_documents/DSP1011_1.0.pdf</u>
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- 154 DMTF DSP1033, Profile Registration Profile 1.0,
- 155 <u>http://www.dmtf.org/standards/published_documents/DSP1033_1.0.pdf</u>

156 **2.2 Other References**

- 157 ISO/IEC Directives, Part 2, *Rules for the structure and drafting of International Standards*,
- 158 <u>http://isotc.iso.org/livelink/livelink.exe?func=ll&objld=4230456&objAction=browse&sort=subtype</u>

159	3 Terms and Definitions
160	For the purposes of this document, the following terms and definitions apply.
161	3.1
162	can
163	used for statements of possibility and capability, whether material, physical, or causal
164	3.2
165	cannot
166	used for statements of possibility and capability, whether material, physical, or causal
167	3.3
168	conditional
169	indicates requirements to be followed strictly in order to conform to the document when the specified
170	conditions are met
171	3.4
172	Hardware Collection
173	CIM_ConcreteCollection instance for CIM_PhysicalElement instances
174	3.5
175	mandatory
176	indicates requirements to be followed strictly in order to conform to the document and from which no
177	deviation is permitted
178	3.6
179	may
180	indicates a course of action permissible within the limits of the document
181	3.7
182	need not
183	indicates a course of action permissible within the limits of the document
184	3.8
185	optional
186	indicates a course of action permissible within the limits of the document
187	3.9
188	referencing profile
189	indicates a profile that owns the definition of this class and can include a reference to this profile in its
190	"Referenced Profiles" table
191	3.10
192	shall
193	indicates requirements to be followed strictly in order to conform to the document and from which no
194	deviation is permitted
195	3.11
196	shall not
197	indicates requirements to be followed strictly in order to conform to the document and from which no

198 deviation is permitted

199	3.12
200	should
201 202	indicates that among several possibilities, one is recommended as particularly suitable, without mentioning or excluding others, or that a certain course of action is preferred but not necessarily required
203	3.13
204	should not
205	indicates that a certain possibility or course of action is deprecated but not prohibited

206 4 Symbols and Abbreviated Terms

- 207 The following symbols and abbreviations are used in this document.
- 208 **4.1**
- 209 CIM
- 210 Common Information Model
- 211 **4.2**
- 212 SM CLP
- 213 Server Management Command Line Protocol
- 214 **4.3**
- 215 **SM ME**
- 216 Server Management Managed Element

217 **5** Synopsis

- 218 Profile Name: SM CLP Admin Domain
- 219 Version: 1.0.0
- 220 Organization: DMTF
- 221 CIM Schema Version: 2.22
- 222 Central Class: CIM_AdminDomain
- 223 Scoping Class: CIM_AdminDomain
- The *SM CLP Admin Domain Profile* extends the management capability of referencing profiles by adding the capability to represent the management domain of the CLP and the collection of hardware being
- 226 managed.
- The Central Class for the *SM CLP Admin Domain Profile* shall be the CIM_AdminDomain class. The instance of CIM_AdminDomain shall be the Central Instance of the *SM CLP Admin Domain Profile*. The *SM CLP Admin Domain Profile* is an autonomous profile. The Scoping Instance for the *SM CLP Admin*
- 230 *Domain Profile* shall be the Central Instance.
- Table 1 identifies profiles on which this profile has a dependency.

Table	1 –	Referenced Profiles
-------	-----	---------------------

Profile Name	Organization	Version	Relationship	Behavior
Base Server	DMTF	1.0	Optional	See 7.3.
Service Processor	DMTF	1.0	Optional	See 7.4.
Modular System	DMTF	1.0	Optional	See 7.5.
Profile Registration	DMTF	1.0	Mandatory	
Physical Asset	DMTF	1.0	Optional	See 7.2.

233 6 Description

The *SM CLP Admin Domain Profile* describes CIM_AdminDomain, CIM_ConcreteCollection, and the associations that scope Managed Elements to them.

236 Figure 1 represents the class schema for the SM CLP Admin Domain Profile. The SM CLP Admin

237 *Domain Profile* defines the Hardware Collection (an instance of CIM_ConcreteCollection) and the 238 instance of CIM_AdminDomain that represents the management domain of a CLP service.

Each CIM_ComputerSystem instance that is compliant with a related autonomous profile is associated with the CIM_AdminDomain instance through an instance of the CIM_SystemComponent association.

241 The Hardware Collection aggregates instances of CIM_PhysicalElement by using the

242 CIM_MemberOfCollection association. Instances of CIM_PhysicalElement and related associations can

243 be used to create a containment hierarchy such that any physical element will be contained in zero or one

other physical elements. The SM CLP Admin Domain Profile leverages this containment hierarchy to

ensure that exactly one association path exists from the Hardware Collection to each instance of

246 CIM_PhysicalElement.







7 Implementation Requirements

This section details the requirements related to the arrangement of instances and properties of instances for implementations of this profile.

252 7.1 Management Domain

253 Exactly one instance of CIM_AdminDomain shall be associated through CIM_ElementConformsToProfile

with the instance of CIM_RegisteredProfile that is defined in section 10.5. This instance of

255 CIM_AdminDomain represents the management domain of a CLP service.

256 **7.2 Hardware Collection**

257 One instance of CIM_ConcreteCollection may be associated with the CIM_AdminDomain instance 258 through CIM_OwningCollectionElement, where the CIM_ConcreteCollection.ElementName property has 259 the value "Hardware". This is the Hardware Collection and serves as the aggregation point for instances 260 of CIM_PhysicalElement. The <u>Physical Asset Profile</u> may be instrumented as optional behavior of other 261 component or autonomous profiles. The physical model is not instrumented in the <u>SM CLP Admin</u> 262 Domain Profile.

263 **7.2.1 Creating CIM_MemberOfCollection Instances**

264 The intention of the algorithm below is to select the outermost or top-level instrumented

265 CIM_PhysicalElement such that a containment path exists from the hardware collection to every

266 instrumented CIM_PhysicalElement. The algorithm starts on the logical side of the model and crosses

over to the physical side to determine the instances of CIM_PhysicalElement for which an association

268 path needs to be established. It then traverses up (or out) the CIM_Container and 269 CIM_PackageInConnector associations until the outermost package is reached.

270 In the following algorithm, CIM_PhysicalPackage means CIM_PhysicalPackage or any sub-class of

271 CIM_PhysicalPackage, CIM_PhysicalElement means a sub-class of CIM_PhysicalElement. The keyword 272 "select" indicates that identified instance of CIM_PhysicalElement or CIM_PhysicalPackage is used in the

273 next step in the algorithm.

274 The following algorithm shall be used for creating instances of CIM_MemberOfCollection that reference

- the Hardware Collection and an instance of CIM_PhysicalElement. Steps 1, 2, and 3 are used to
- determine instances of CIM_PhysicalElement or CIM_PhysicalPackage for which an association path
- 277 needs to be created from the Hardware Collection. For each CIM_PhysicalElement or
- 278 CIM_PhysicalPackage, the algorithm terminates when a CIM_MemberOfCollection is created.
- For each instance of CIM_ComputerSystem that is associated with the Central Instance through an instance of CIM_SystemComponent, where the CIM_ComputerSystem instance is the PartComponent reference, select each instance of CIM_PhysicalPackage that is associated with the CIM_ComputerSystem instance through an instance of the CIM_ComputerSystemPackage association
- 1.1 If the CIM_PhysicalPackage instance is the PartComponent reference in an instance of
 CIM_Container or is the Dependent reference in an instance of CIM_PackageInConnector ,
- 2861.1.1If the GroupComponent or Antecedent reference of the association is an instance of
CIM_PhysicalPackage, select the CIM_PhysicalPackage instance that is the value of
the GroupComponent or Antecedent reference and go to 1.1.
- 2891.1.2Else the GroupComponent or Antecedent reference of the association is to an instance290of CIM_PhysicalElement. Select the CIM_PhysicalElement.

291 292 293	1.1.2.1	If the CIM_PhysicalElement is the PartComponent reference in the CIM_Container association, select the CIM_PhysicalPackage that is the value of the GroupComponent reference and go to 1.1.
294 295 296 297	1.1.2.2	Else the CIM_PhysicalElement is not the PartComponent reference in a CIM_Container association, and there shall be an instance of CIM_MemberOfCollection that references the Hardware Collection and the instance of CIM_PhysicalElement.
298 299 300 301	CIM_Container o shall be an instar	ysicalPackage instance is not the PartComponent reference in an instance of r the Dependent reference in an instance of CIM_PackageInConnector. There nce of CIM_MemberOfCollection that references the CIM_PhysicalPackage Hardware Collection.
302 2. 303 304 305 306	CIM_SystemDevice w CIM_SystemCompon	CIM_LogicalDevice that is associated through an instance of vith a CIM_ComputerSystem instance that is associated through the ent association with the Central Instance, select each instance of e that is associated with the CIM_LogicalDevice instance through to 1.1.
307 3. 308 309 310 311	CIM_SystemDevice w CIM_SystemCompon	CIM_LogicalDevice that is associated through an instance of with a CIM_ComputerSystem instance that is associated through the ent association with the Central Instance, select each instance of t that is associated with the CIM_LogicalDevice instance through to 1.1.2.1.

312 7.3 Aggregating ComputerSystem Instances That Are Compliant with the Base 313 Server Profile

314 When the <u>Base Server Profile</u> is implemented, the following rules apply.

315 **7.3.1** Relationship between ComputerSystem and AdminDomain

An instance of CIM_SystemComponent shall associate the Central Instance of the <u>Base Server Profile</u>
 with the CIM_AdminDomain instance.

318 7.3.1.1 CIM_SystemComponent.GroupComponent

The CIM_AdminDomain instance shall be the value of the GroupComponent property of the CIM_SystemComponent instance.

321 7.3.1.2 CIM_SystemComponent.PartComponent

The CIM_ComputerSystem instance shall be the value of the PartComponent property of the CIM_SystemComponent instance.

324 7.4 Aggregating ComputerSystem Instances That Are Compliant with the 325 Service Processor Profile

326 When the <u>Service Processor Profile</u> is implemented, the following rules apply.

327 **7.4.1** Relationship between ComputerSystem and AdminDomain

An instance of CIM_SystemComponent shall associate the Central Instance of the <u>Service Processor</u>
 <u>Profile</u> with the CIM_AdminDomain instance.

330 **7.4.1.1 CIM_SystemComponent.GroupComponent**

- 331 The CIM_AdminDomain instance shall be the value of the GroupComponent property of the
- 332 CIM_SystemComponent instance.

333 7.4.1.2 CIM_SystemComponent.PartComponent

The CIM_ComputerSystem instance shall be the value of the PartComponent property of the CIM_SystemComponent instance.

7.5 Aggregating ComputerSystem Instances That Are Compliant with the Modular System Profile

338 When the *Modular System Profile* is implemented, the following rules apply.

339 7.5.1 Relationship between ComputerSystem and AdminDomain

- An instance of CIM_SystemComponent shall associate the Central Instance of the <u>Modular System</u>
 <u>Profile</u> with the CIM_AdminDomain instance.
- 342 7.5.1.1 CIM_SystemComponent.GroupComponent
- The CIM_AdminDomain instance shall be the value of the GroupComponent property of the CIM_SystemComponent instance.
- 345 7.5.1.2 CIM SystemComponent.PartComponent
- The CIM_ComputerSystem instance shall be the value of the PartComponent property of the CIM_SystemComponent instance.

348 8 Methods

349 No methods are defined in this profile.

350 8.1 Profile Conventions for Operations

- For each profile class (including associations), the implementation requirements for operations, including those in the following default list, are specified in class-specific subclauses of this clause.
- 353 The default list of operations is as follows:
- GetInstance
- 355 Associators
- AssociatorNames
- 357 References
- 358 ReferenceNames
- EnumerateInstances
- EnumerateInstanceNames

361 8.2 CIM_AdminDomain

- All operations in the default list in 8.1 shall be implemented as defined in <u>DSP0200</u>.
- 363 NOTE: Related profiles may define additional requirements on operations for the profile class.

364 8.3 CIM_ConcreteCollection

- All operations in the default list in 8.1 shall be implemented as defined in <u>DSP0200</u>.
- 366 NOTE: Related profiles may define additional requirements on operations for the profile class.

367 8.4 CIM_MemberOfCollection

368 Table 2 lists implementation requirements for operations. If implemented, these operations shall be

- implemented as defined in <u>DSP0200</u>. In addition, and unless otherwise stated in Table 2, all operations in
 the default list in 8.1 shall be implemented as defined in <u>DSP0200</u>.
- 371 NOTE: Related profiles may define additional requirements on operations for the profile class.
- 372

Table 2 – Operations: CIM_MemberOfCollection

Operation	Requirement	Messages
Associators	Unspecified	None
AssociatorNames	Unspecified	None
References	Unspecified	None
ReferenceNames	Unspecified	None

373 8.5 CIM_OwningCollectionElement

Table 3 lists implementation requirements for operations. If implemented, these operations shall be

implemented as defined in <u>DSP0200</u>. In addition, and unless otherwise stated in Table 3, all operations in
 the default list in 8.1 shall be implemented as defined in <u>DSP0200</u>.

- 377 NOTE: Related profiles may define additional requirements on operations for the profile class.
- 378

Table 3 – Operations: CIM_OwningCollectionElement

Operation	Requirement	Messages
Associators	Unspecified	None
AssociatorNames	Unspecified	None
References	Unspecified	None
ReferenceNames	Unspecified	None

379 8.6 CIM_SystemComponent

380 Table 4 lists implementation requirements for operations. If implemented, these operations shall be

implemented as defined in <u>DSP0200</u>. In addition, and unless otherwise stated in Table 4, all operations in
 the default list in 8.1 shall be implemented as defined in <u>DSP0200</u>.

383 NOTE: Related profiles may define additional requirements on operations for the profile class.

384

Table 4 – Operations: CIM_SystemComponent

Operation	Requirement	Messages
Associators	Unspecified	None
AssociatorNames	Unspecified	None
References	Unspecified	None
ReferenceNames	Unspecified	None

385 9 Use Cases

386 This section contains object diagrams and use cases for the *SM CLP Admin Domain Profile*.

387 9.1 Object Diagrams

The object diagram in Figure 2 shows how instances of CIM_RegisteredProfile are used to identify the
 version of the *SM CLP Admin Domain Profile* with which the instance of CIM_AdminDomain and its
 associated instances are conformant. An instance of CIM_RegisteredProfile exists for the *SM CLP Admin Domain Profile*. Additional instances of CIM_RegisteredProfile identify autonomous profiles that contain
 CIM_ComputerSystem instances that are scoped to the CIM_AdminDomain instance.



394

Figure 2 – Registered Profile

- 395 Figure 3 is an object diagram that shows implementations of autonomous profiles in which the *Physical*
- 396 <u>Asset Profile</u> is implemented and there are associated CIM_PhysicalPackage instances. (CIM_Chassis is
 397 a subclass of CIM_PhysicalPackage.)



Figure 3 – Hardware Collection

400 In the object diagram in Figure 4, the instrumentation for System1 has not included the *Physical Asset*

401 <u>*Profile*</u>. However, the instrumentation of the component <u>System Memory Profile</u> has provided the <u>*Physical*</u>

402 <u>Asset Profile</u>. Applying step 2 of the algorithm in section 7.2.1 to memory1 causes the selection of pmem1.

403 pmem1 fails the test in step 1.1. Going to step 1.2, the instrumentation creates an instance of

404 CIM_MemberOfCollection that references pmem1 and hdwr1. In this case, there is no scoping

- 405 CIM_PhysicalElement for the pmem1, and it is directly associated through CIM_MemberOfCollection to 406 the Hardware Collection.
- 407 system2 illustrates a different possibility. Here the instrumentation not only includes the
- 408 CIM_PhysicalPackage for the system itself (chassis2), it is capable of modeling the rack in which the

409 system is installed (rack1). It also includes physical asset information for a single installed processor. As

410 chassis2 is contained in rack1, chassis2 is not associated with the Hardware Collection. Instead, rack1 is

411 associated with the Hardware Collection.

412 Applying the algorithm in section 7.2.1 to system2, step 1 in the algorithm causes us to select

413 chassis2. chassis2 satisfies the test in step 1.1, falling through to step 1.1.1. chassis2 satisfies the

test in step 1.1.1, causing the selection of <code>rack1.rack1</code> does not satisfy the test in step 1.1. Proceeding

- 415 to step 1.2, the instrumentation creates an instance of CIM_MemberOfCollection that references rack1
- 416 and hdwr1.

Applying the algorithm in section 7.2.1 to system2 a second time, step 2 in the algorithm causes us to select chip1. chip1 satisfies the condition in step 1.1. Proceeding to step 1.1.1, the condition is not

416 select chip1 satisfies the condition in step 1.1. Proceeding to step 1.1.1, the condition is not 419 satisfied and the algorithm proceeds to step 1.1.2, causing the selection of conn1. The algorithm then

419 satisfied and the algorithm proceeds to step 1.1.2, causing the selection of confirming the algorithm then 420 proceeds to step 1.1.2.1 where the condition is satisfied, causing the selection of card1. Proceeding to

421 step 1.1, the condition is satisfied and the algorithm proceeds to step 1.1.1. The condition here is

- satisfied, causing the selection of chassis1. From this point, the algorithm proceeds as outlined in the
- 423 paragraph above.



Figure 4 – Object Diagram before Algorithm in 7.2.1 Is Applied

427 9.2 Finding All of the ComputerSystem Instances Being Managed

- 428 A client can find all of the ComputerSystem instances being managed as follows:
- 429 1) Find the instance of CIM_AdminDomain.
- Find all instances of CIM_ComputerSystem that are associated with the CIM_AdminDomain
 instance through instances of CIM_SystemComponent.

432 9.3 Finding All of the Hardware Being Managed

- 433 A client can find all of the hardware being managed as follows:
- 434 1) Find the instance of CIM_ConcreteCollection that is associated with the CIM_AdminDomain
 435 instance through an instance of CIM_OwningCollectionElement, where the ElementName
 436 property of the CIM_ConcreteCollection instance has a value of "Hardware".
- 437 2) Find all instances of CIM_PhysicalElement that are associated with the CIM_ConcreteCollection
 438 instance through instances of CIM_MemberOfCollection.

439 **10 CIM Elements**

Table 5 shows the instances of CIM Elements for this profile. Instances of the CIM Elements shall be

implemented as described in Table 5. Section 7 may impose additional requirements on these elements.

442

Table 5 – CIM Elements: SM CLP Admin Domain Profile

Element Name	Requirement	Notes
Classes		
CIM_AdminDomain	Mandatory	See section 10.1.
CIM_ConcreteCollection	Mandatory	See section 10.2.
CIM_MemberOfCollection	Optional	See section 10.3.
CIM_OwningCollectionElement	Mandatory	See section 10.4.
CIM_RegisteredProfile	Mandatory	See section 10.5.
CIM_SystemComponent	Conditional	See sections 10.6, 10.7, and 10.8.
Indications		
None defined in this profile		

443 **10.1 CIM_AdminDomain**

- 444 CIM_AdminDomain is the point of aggregation for the Managed Elements being managed by a CLP 445 Service.
- 446

Table 6 – Class: CIM_AdminDomain

Properties	Requirement	Notes
CreationClassName	Mandatory	None
Name	Mandatory	None
ElementName	Optional	Matches "SM CLP Admin Domain"

447 **10.2 CIM_ConcreteCollection**

448 CIM_ConcreteCollection instances are used to aggregate instances of CIM_PhysicalElement.

449

Table 7 – Class: CIM_ConcreteCollection

Properties	Requirement	Notes
InstanceID	Mandatory	None
ElementName	Mandatory	See section 7.2.

450 **10.3 CIM_MemberOfCollection**

- 451 CIM_MemberOfCollection is used to associate CIM_PhysicalElement instances with the Hardware 452 Collection.
- 453

Table 8 – Class: CIM_MemberOfCollection

Properties	Requirement	Notes
GroupComponent	Mandatory	The value of this property shall a reference to the Hardware Collection.
		Cardinality 1
PartComponent	Mandatory	See section 7.2.1.
		Cardinality *

454 **10.4 CIM_OwningCollectionElement**

455 CIM_OwningCollectionElement is used to associate a CIM_ConcreteCollection instance with its scoping 456 CIM_System instance.

457

Table 9 – Class: CIM	_OwningCollectionElement
----------------------	--------------------------

Properties	Requirement	Notes
OwningElement	Mandatory	The value of this property shall be the scoping instance of this profile.
		Cardinality 1
OwnedElement	Mandatory	The value of this property shall be the instance of CIM_ConcreteCollection.

458 **10.5 CIM_RegisteredProfile**

459 CIM_RegisteredProfile identifies the *SM CLP Admin Domain Profile* in order for a client to determine 460 whether an instance of CIM_LogicalModule is conformant with this profile. The CIM_RegisteredProfile 461 class is defined by the *Profile Registration Profile*. With the exception of the mandatory values specified 462 for the properties in Table 10, the behavior of the CIM_RegisteredProfile instance is defined by the *Profile* 463 *Registration Profile*.

464

Table 10 – Class: CIM_RegisteredProfile

Properties	Requirement	Notes
RegisteredName	Mandatory	Matches "SM CLP Admin Domain"
RegisteredVersion	Mandatory	Matches "1.0.0"
RegisteredOrganization	Mandatory	Matches 2 (DMTF)

465 NOTE: Previous versions of this document included the suffix "Profile" for the RegisteredName value. If

466 implementations querying for the RegisteredName value find the suffix "Profile", they should ignore the suffix, with 467 any surrounding white spaces, before any comparison is done with the value as specified in this document.

468 **10.6 CIM_SystemComponent–Base Server Profile**

- 469 If the Computer System Profile is implemented, the CIM_SystemComponent shall be used to aggregate
- 470 CIM_ComputerSystem instances that are compliant with the Base Server Profile into the
- 471 CIM_AdminDomain instance. See section 7.3.
- 472

Table 11 – Class: CIM_SystemComponent

Properties	Requirement	Notes
GroupComponent	Mandatory	The value of this property shall be the Central Instance.
		Cardinality 1
PartComponent	Mandatory	See section 7.3.1.2.
		Cardinality *

473 **10.7 CIM_SystemComponent–Service Processor Profile**

474 CIM_SystemComponent is used to aggregate CIM_ComputerSystem instances that are compliant with 475 the Service Processor Profile into the CIM AdminDomain instance. See section 7.4.

476

Table 12 – Class: CIM_SystemComponent

Properties	Requirement	Notes
GroupComponent	Mandatory	The value of this property shall be the Central Instance.
		Cardinality 1
PartComponent	Mandatory	See section 7.4.1.2.
		Cardinality *

477 **10.8 CIM_SystemComponent–Modular System Profile**

478 CIM_SystemComponent is used to aggregate CIM_ComputerSystem instances that are compliant with 479 the *Modular System Profile* into the CIM_AdminDomain instance. See section 7.5.

480

Table 13 – Class: CIM_SystemComponent

Properties	Requirement	Notes
GroupComponent	Mandatory	The value of this property shall be the Central Instance.
		Cardinality 1
PartComponent	Mandatory	See section 7.5.1.2.
		Cardinality *

481 **ANNI** 482 (inform 483

484

ANNEX A (informative)

Change Log

Version	Date	Description
1.0.0	2009-07-02	DMTF Standard Release

Bibliography

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