ManagedElement
(See Core Model)

Represents a physical element, such as a
physical component or package.

PhysicalCapacity
(See Physical Model
(Capacity & Replacement))

Contains the capacity of a physical element,
which can be a storage or computing capacity.

Location (CORE)

Contains the physical location of a
physical element.

ManagedSystemElement
(See Core Model)

Represents a managed system element,
which can be a physical component or
package.

EnabledLogicalElement
(See Core Model)

Represents an enabled logical element,
which can be a system or logical device.

SystemPackaging
(See Core Model)

Represents the packaging of a
system.

LogicalDevice
(See Core Model)

Represents a logical device.

Collection
(See Core Model)

Represents a collection of physical elements.

ReplacementSet
(See Physical Model
(Capacity & Replacement))

Contains a set of replacement elements.

ParticipatesInSet

Indicates the participation of an element
in a set.

StatisticalData
(See Core Model)

Represents statistical data for a
physical element.

MediaPhysicalStatData
(See Physical Model
(Storage Statistics))

Represents media-specific statistical data.

System
(See Core Model)

Represents a system.

EnabledLogicalElement

Represents an enabled logical element.

Realizes

Indicates the realization of a logical
element.

ElementStatisticalData

Represents element-specific statistical data.

Association

Indicates an association between objects.

Aggregation

Indicates an aggregation between objects.

Composition Aggregation

Indicates a composition aggregation between
objects.

Inheritance

Indicates inheritance between objects.

Equivalence

Indicates equivalence between objects.

Experimental Class or Property

Indicates an experimental class or property.

Deprecated Class or Property

Indicates a deprecated class or property.

Primordial Class or Property

Indicates a primordial class or property.
**Physical Capacity and Replacement Sets**

- **PhysicalCapacity**
  - Name: string

- **ConfigurationCapacity**
  - Name: string (override, key)
  - ObjectType: uint16 (key, enum)
  - OtherTypeDescription : string
  - MinimumCapacity : uint64
  - MaximumCapacity : uint64
  - Increment : uint32
  - VendorCompatibilityStrings[] : string

- **MemoryCapacity**
  - Name: string (override, key)
  - MemoryType : uint16 (key, enum)
  - MinimumMemoryCapacity : uint64 (units)
  - MaximumMemoryCapacity : uint64 (units)

- **PhysicalElement**
  - See Physical Model (Physical Overview)

- **ManagedSystemElement**
  - (See Core Model)

- **ReplacementSet**
  - Name: string (key)

- **Collection**
  - (See Core Model)

**Inheritance**
- Association
- Association with WEAK reference
- Aggregation
- Aggregation with WEAK reference
- Composition Aggregation
- Equivalent to: 0..n
- (E) Experimental Class or Property
- (D) Deprecated Class or Property
FRUInfoSupported: boolean

PhysicalAssetCapabilities

Capabilities

(See Core Model)
Component

GroupComponent: ref ManagedElement (key, *)
PartComponent: ref ManagedElement (key, *)

PartComponent

ref ManagedElement (key, *)

ParticipatesInSet (D)

Set: ref ReplacementSet (key, *)
Element: ref PhysicalElement (key, *)

Container

GroupComponent: ref PhysicalPackage (0..1)
PartComponent: ref PhysicalElement (*)
LocationWithinContainer: string

CardOnCard

GroupComponent: ref Card (0..1)
PartComponent: ref Card (*)
MountOrSlotDescription: string

ChassisInRack

GroupComponent: ref Rack (0..1)
PartComponent: ref Chassis (*)
BottomU: uint16 (units)

ConnectorOnPackage

GroupComponent: ref PhysicalPackage (0..1)
PartComponent: ref PhysicalConnector (*)

PackagedComponent

GroupComponent: ref PhysicalPackage (0..1)
PartComponent: ref PhysicalComponent (*)

MemoryOnCard

GroupComponent: ref Card (0..1)
PartComponent: ref PhysicalMemory (*)

PackageInChassis

GroupComponent: ref Chassis (0..1)
PartComponent: ref PhysicalPackage (*)

LinkHasConnector

GroupComponent: ref PhysicalLink (0..1)
PartComponent: ref PhysicalConnector (*)