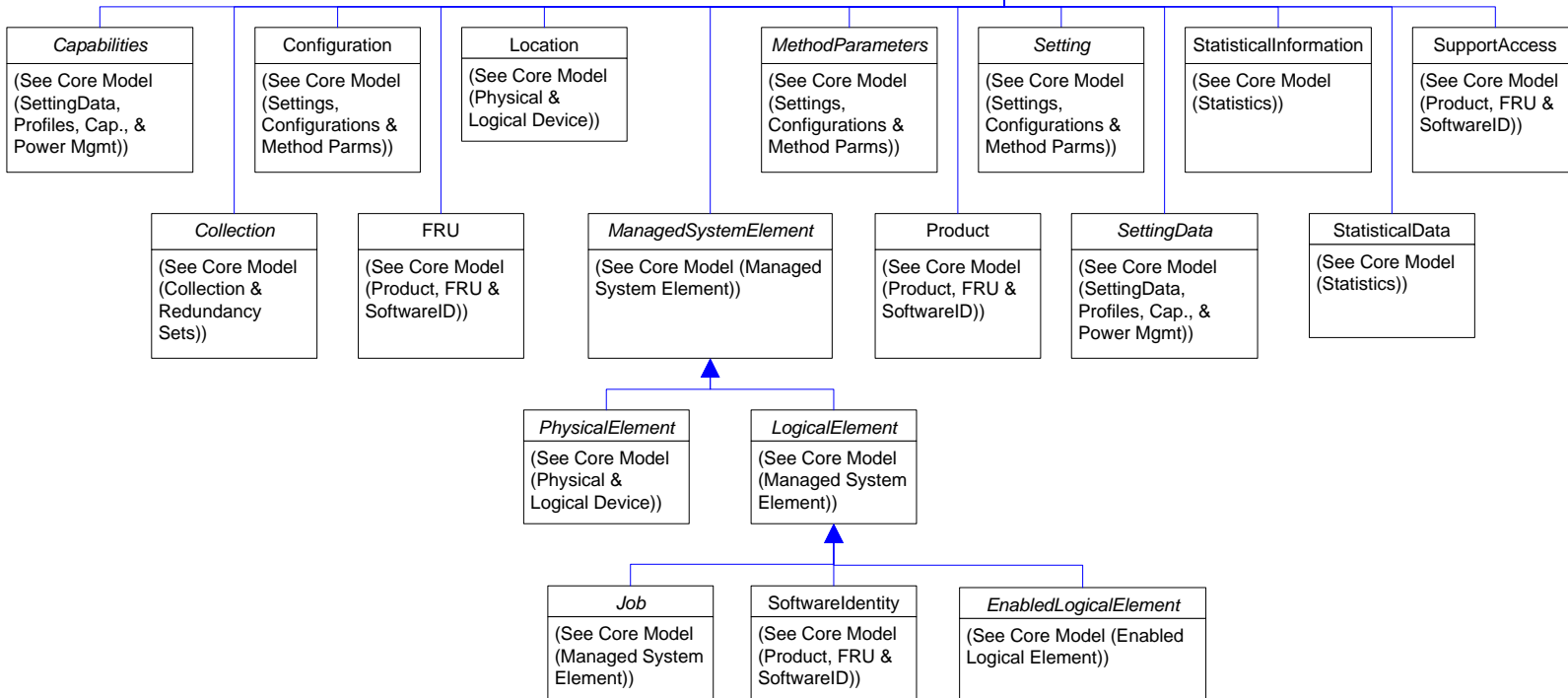
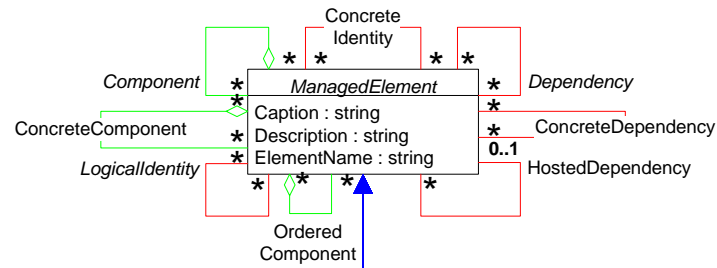
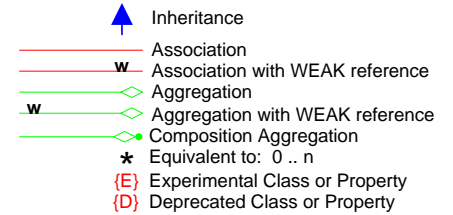
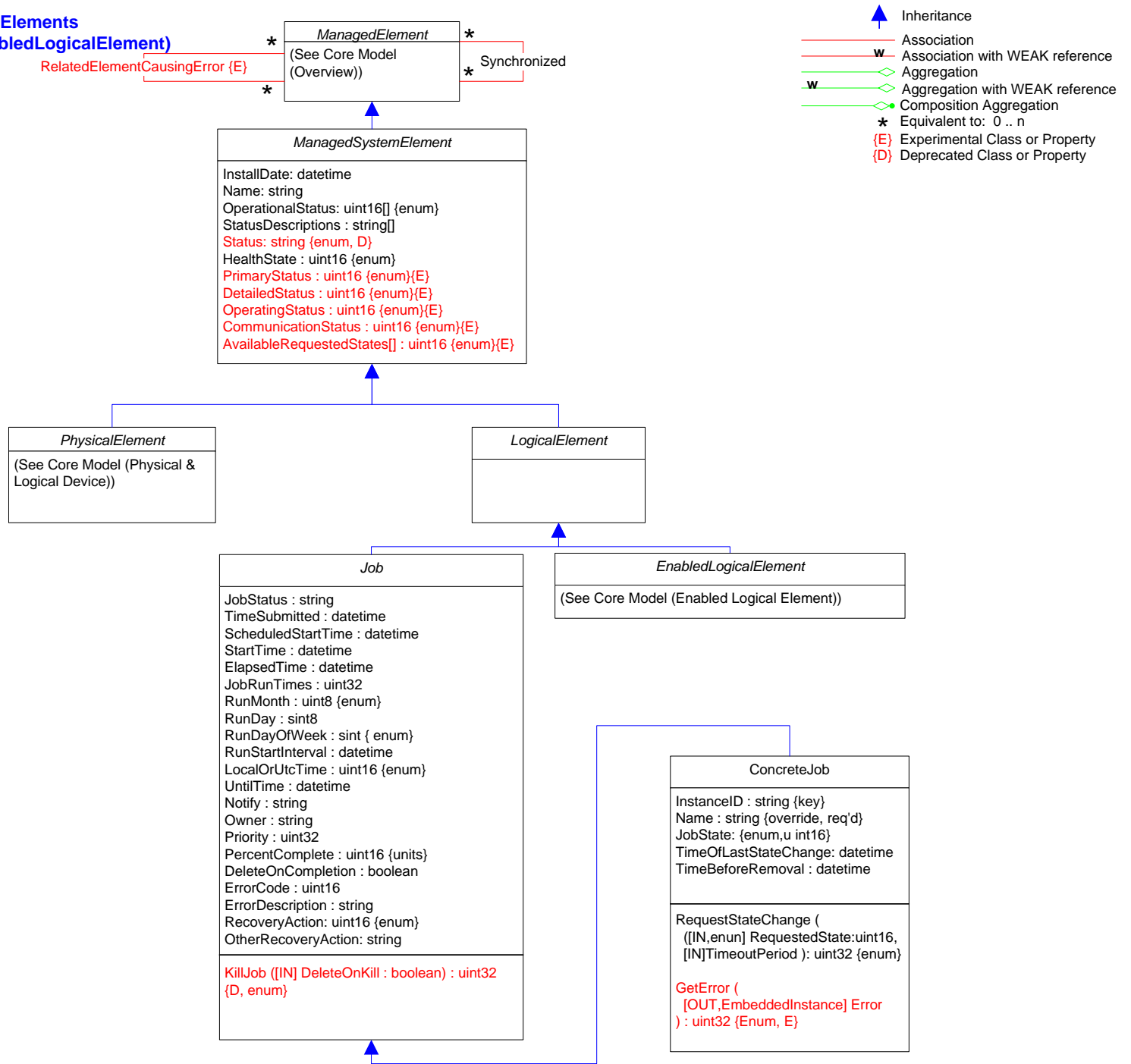


Title : Core Specification V2.18  
 Filename: CIM\_Core.vsd  
 Author : DMTF SysDev-wg  
 Date : 21 April 2008

- Page 1 : Overview
- Page 2 : ManagedSystemElement
- Page 3 : EnabledLogicalElement
- Page 4 : Physical Elements and Logical Devices (Including StorageExtents)
- Page 5 : Collections/RedundancySet
- Page 6 : Redundany Groups
- Page 7 : Product, FRU
- Page 8 : SoftwareIdentity
- Page 9 : Statistics
- Page 10 : SettingData, Profiles & Capabilities
- Page 11 : Power Management
- Page 12 : Settings, Configurations & Method Parameters
- Page 13 : Virtualization
- Page 14 : Resource
- Page 15 : Grid
- Page 16 : Association Hierarchy
- Page 17 : Association Hierarchy
- Page 18 : Dependency Hierarchy
- Page 19 : Aggregation Hierarchy

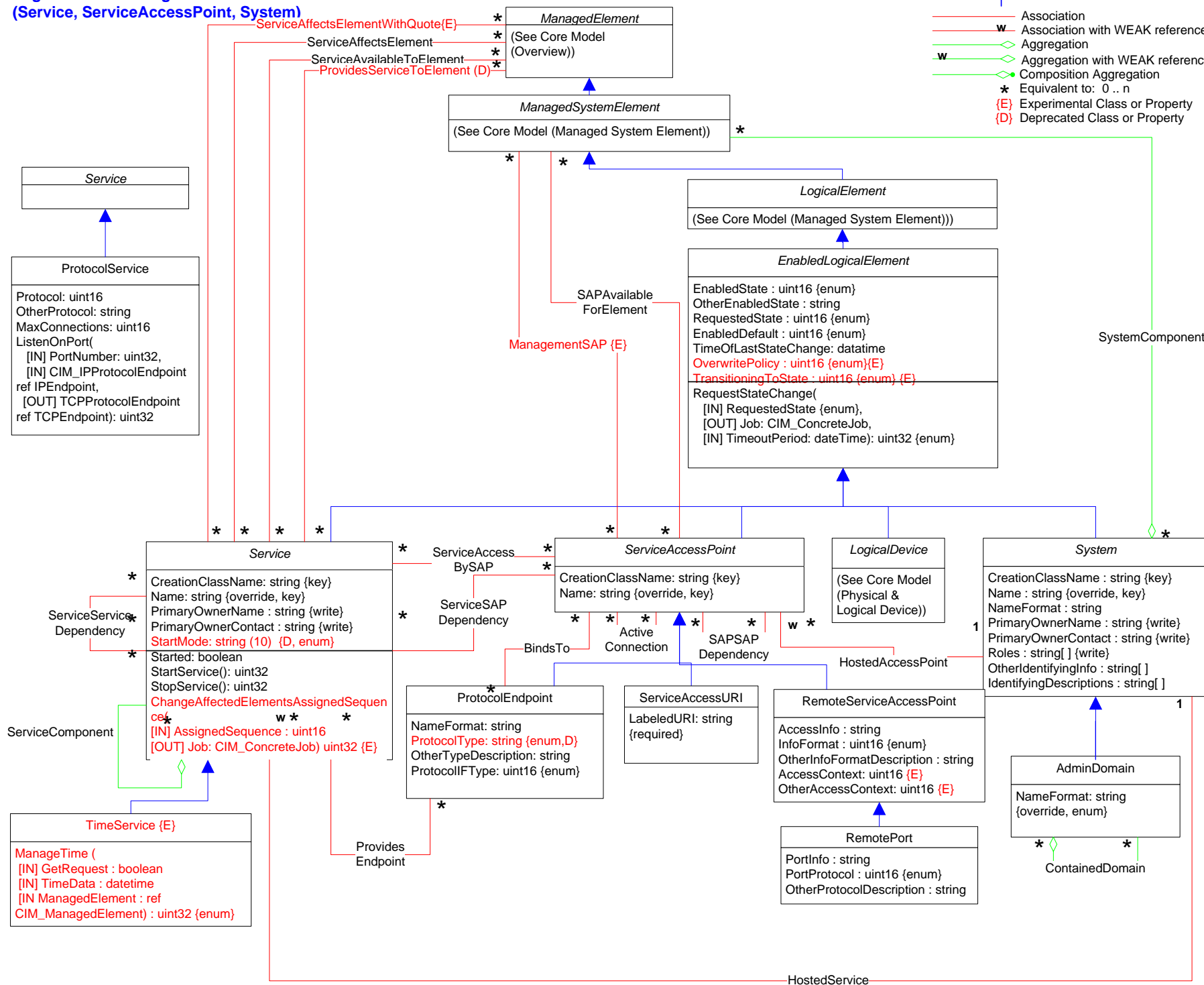


Page 2 : Managed System Elements  
 (LogicalElement, Job, EnabledLogicalElement)

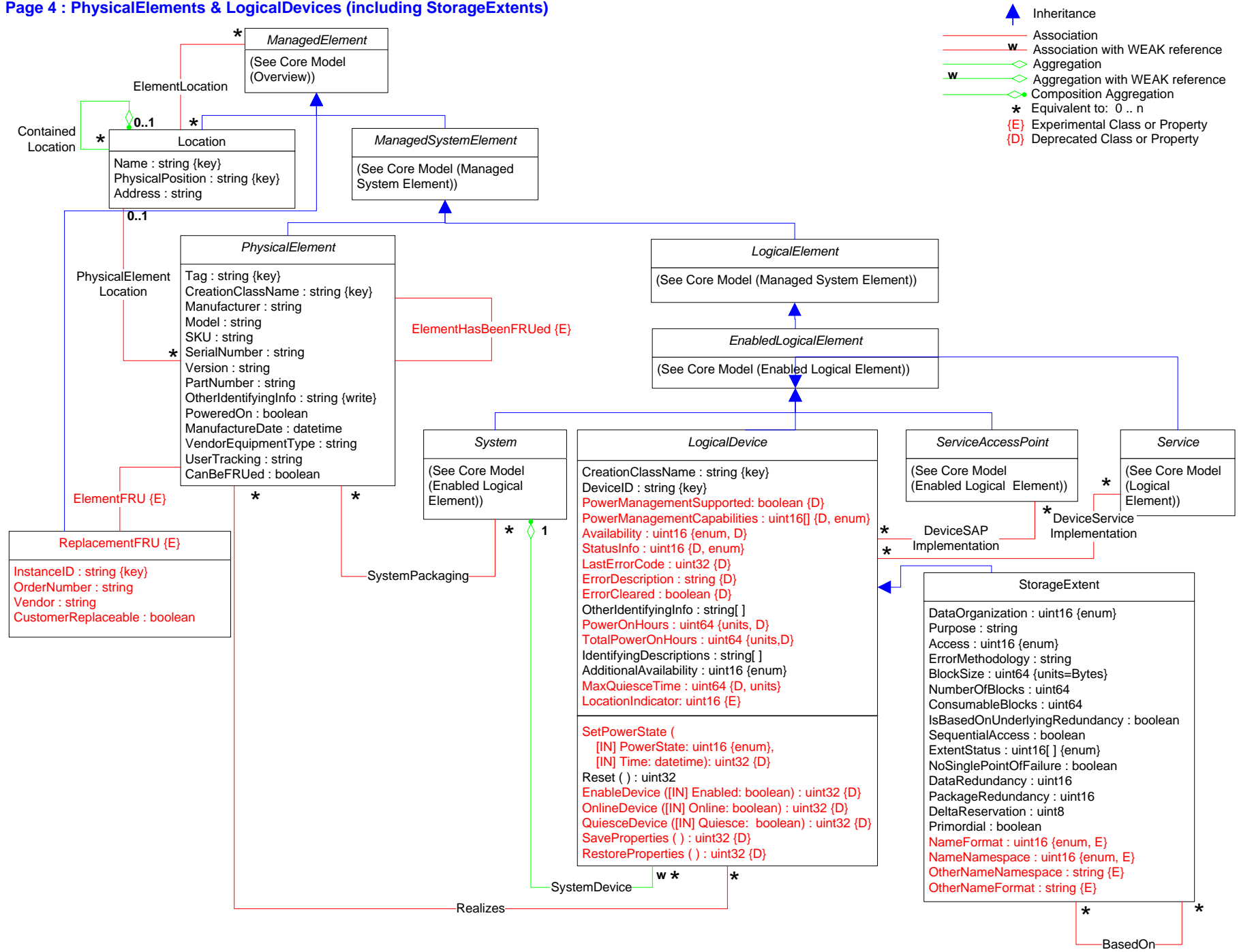


Page 3 : Enabled Logical Elements  
(Service, ServiceAccessPoint, System)

- Inheritance
- Association
- Association with WEAK reference
- Aggregation
- Aggregation with WEAK reference
- Composition Aggregation
- Equivalent to: 0..n
- 












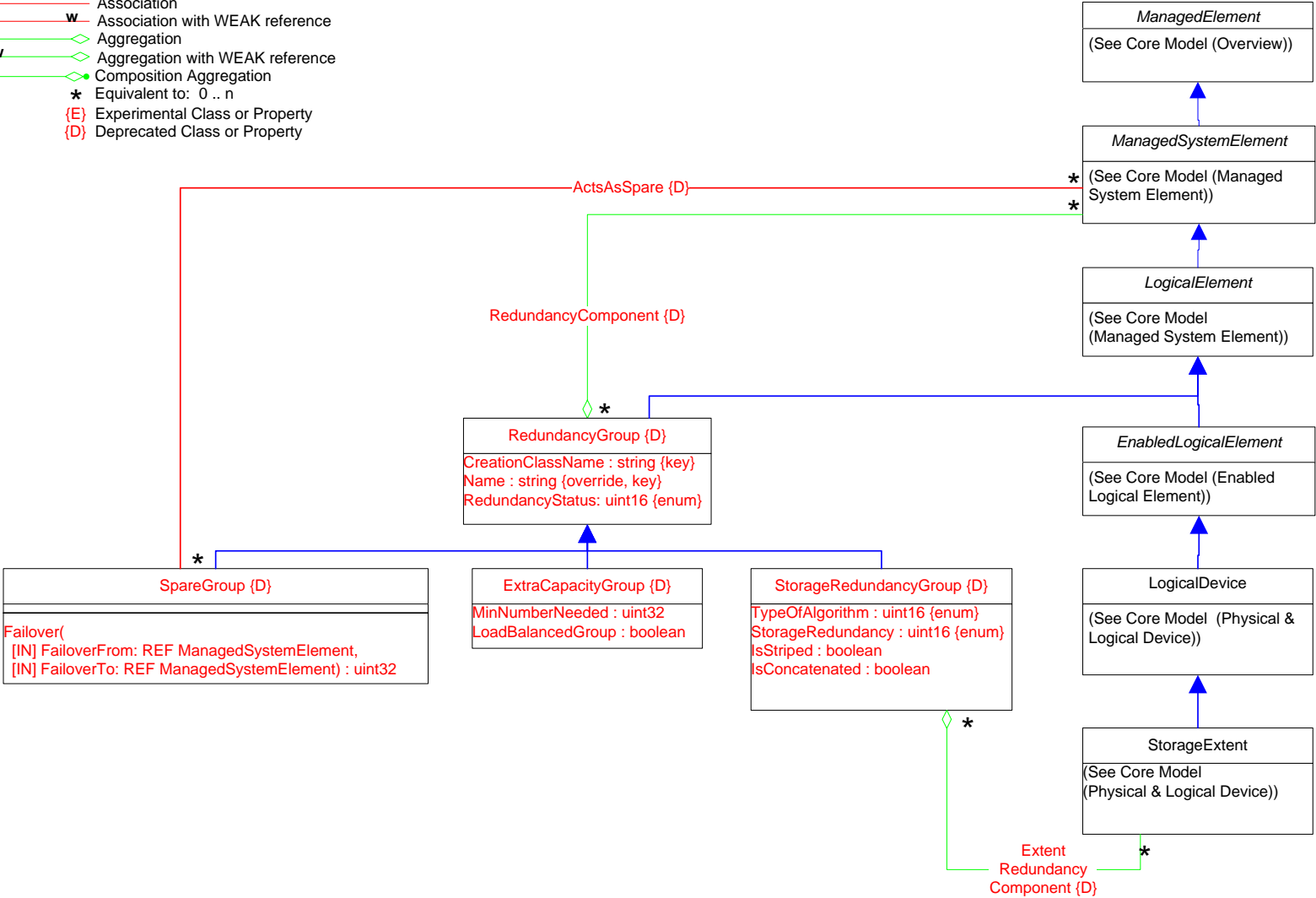
Page 4 : PhysicalElements & LogicalDevices (including StorageExtents)

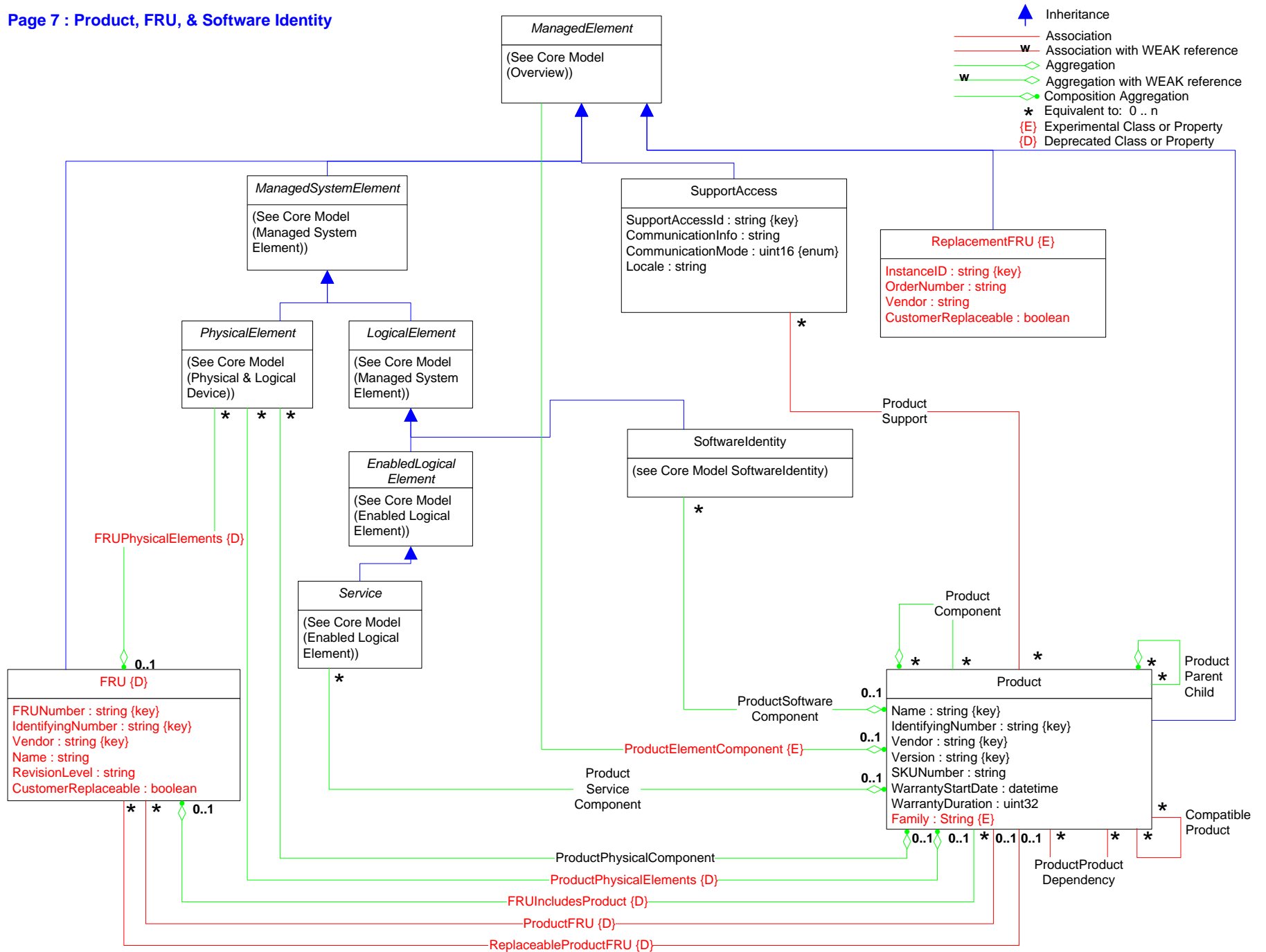


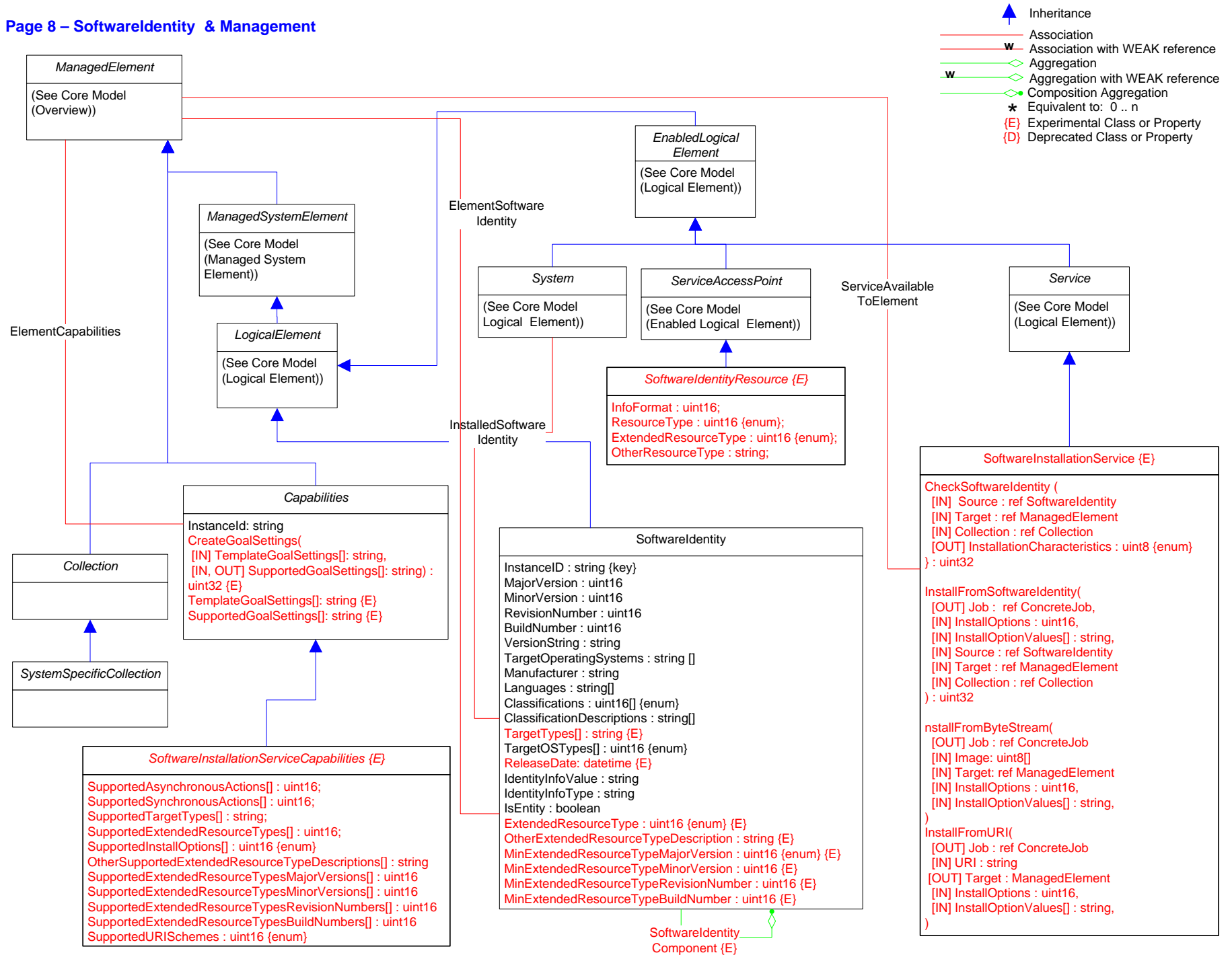


Page 6 : Redundancy Group

-  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












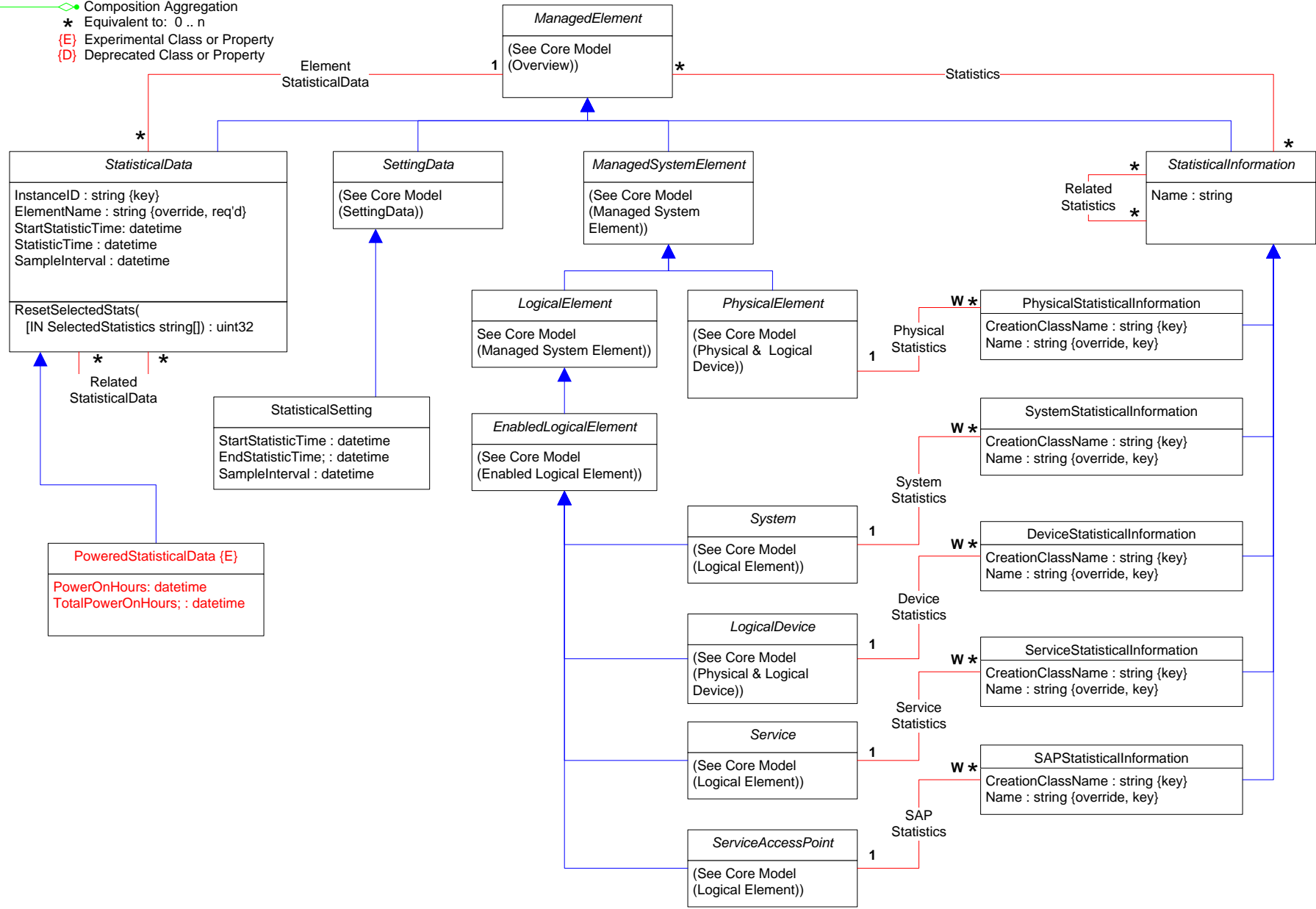


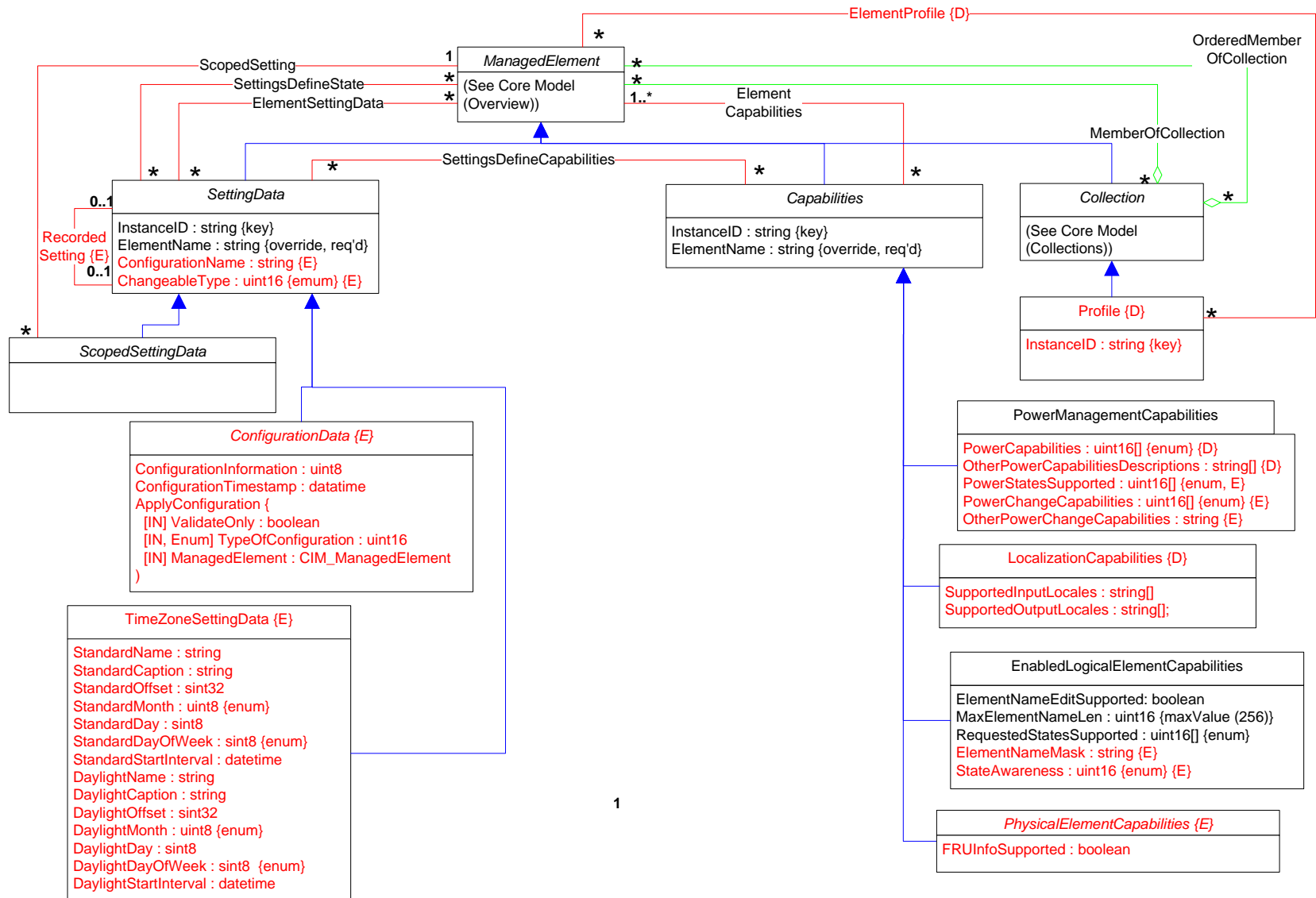
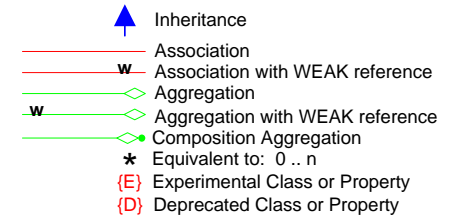


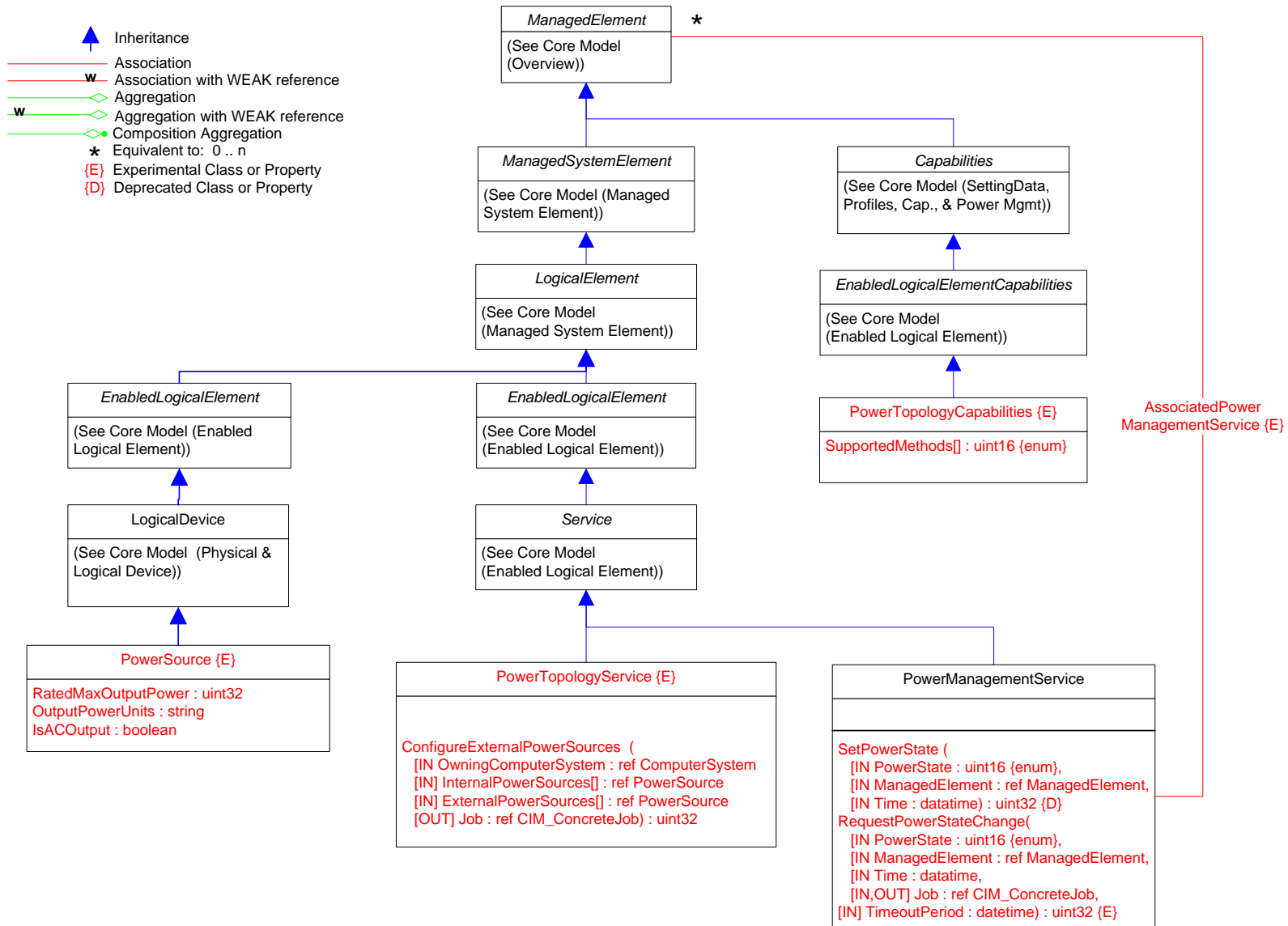


Page 9 : Statistics

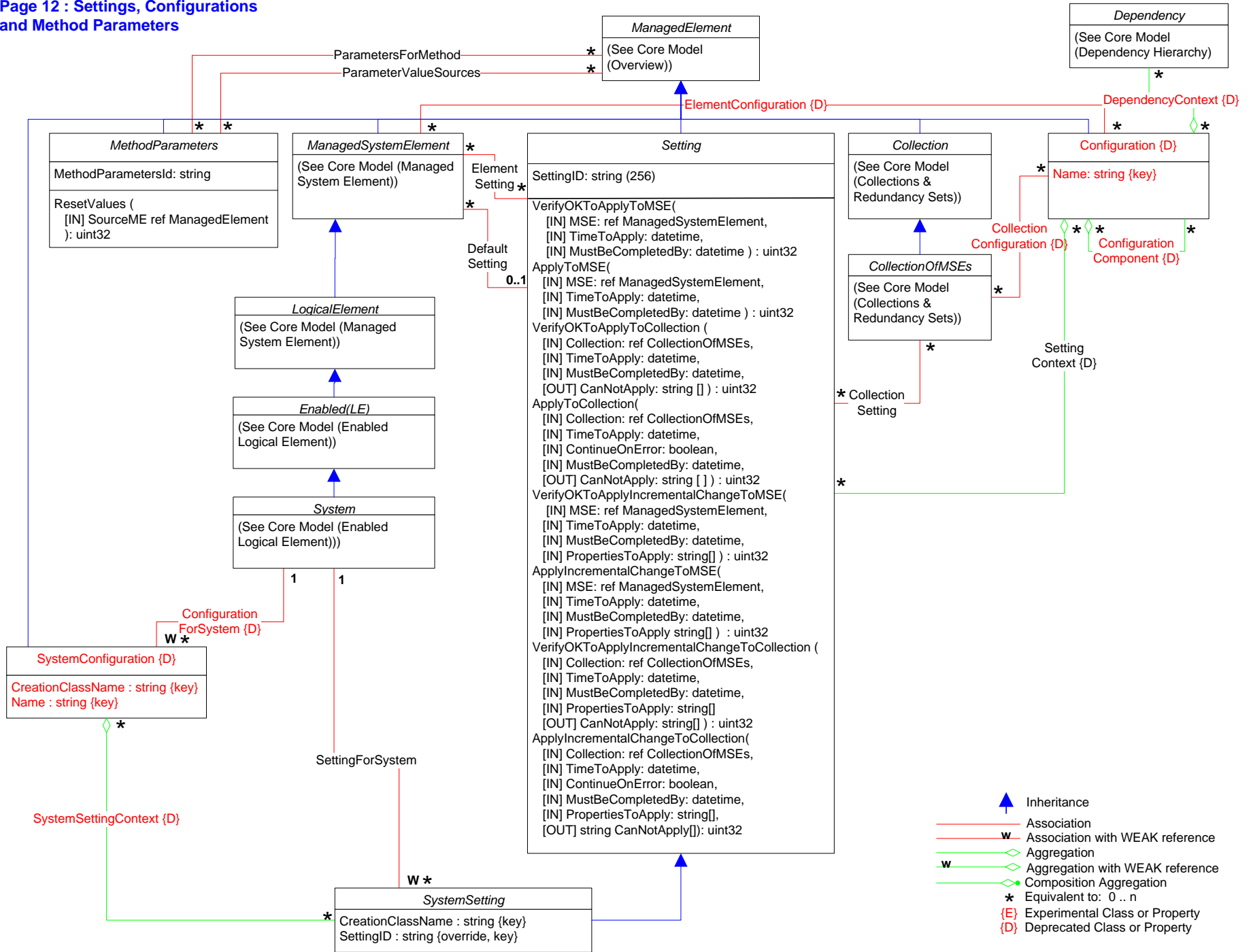
-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0..n
-  Experimental Class or Property
-  Deprecated Class or Property

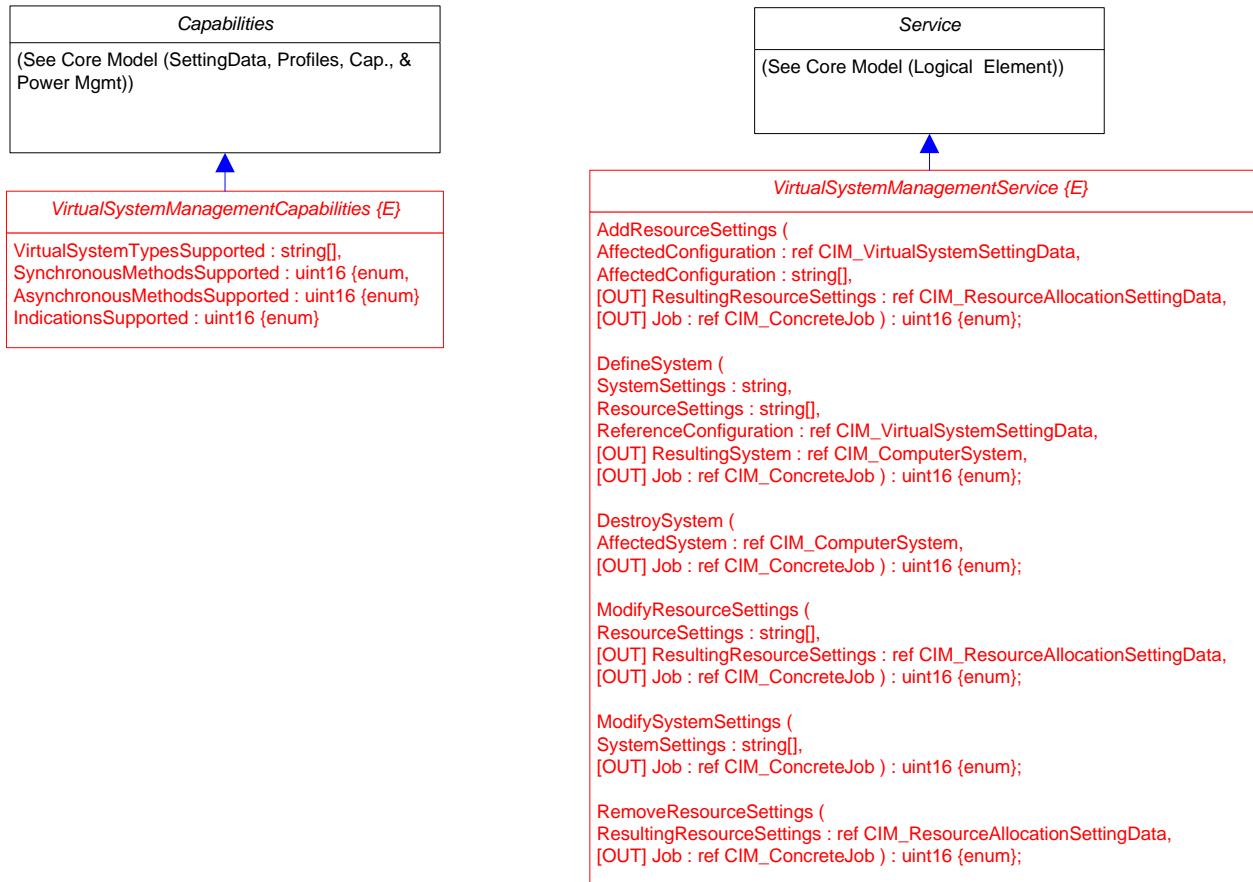






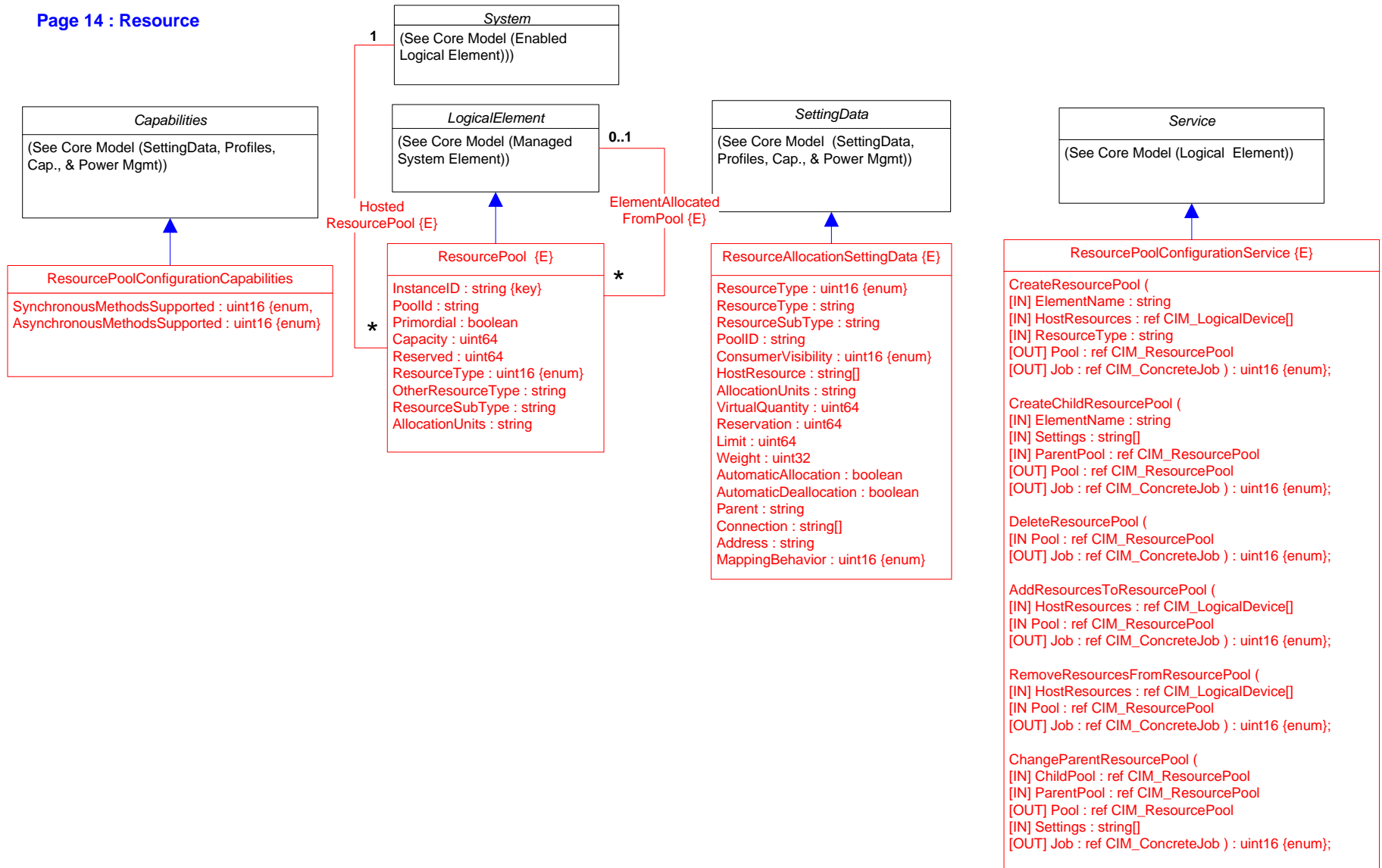
Page 12 : Settings, Configurations and Method Parameters














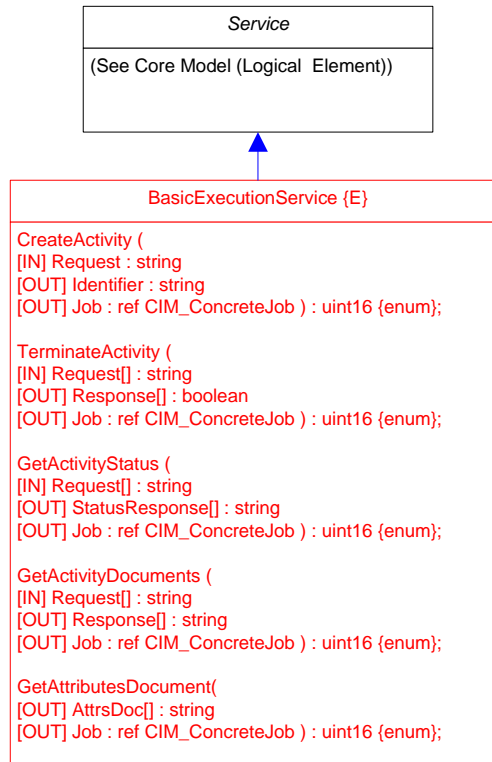
- Inheritance
- Association
- Association with WEAK reference
- Aggregation
- Aggregation with WEAK reference
- Composition Aggregation
- Equivalent to: 0 .. n
- Experimental Class or Property
- Deprecated Class or Property

Page 14 : Resource












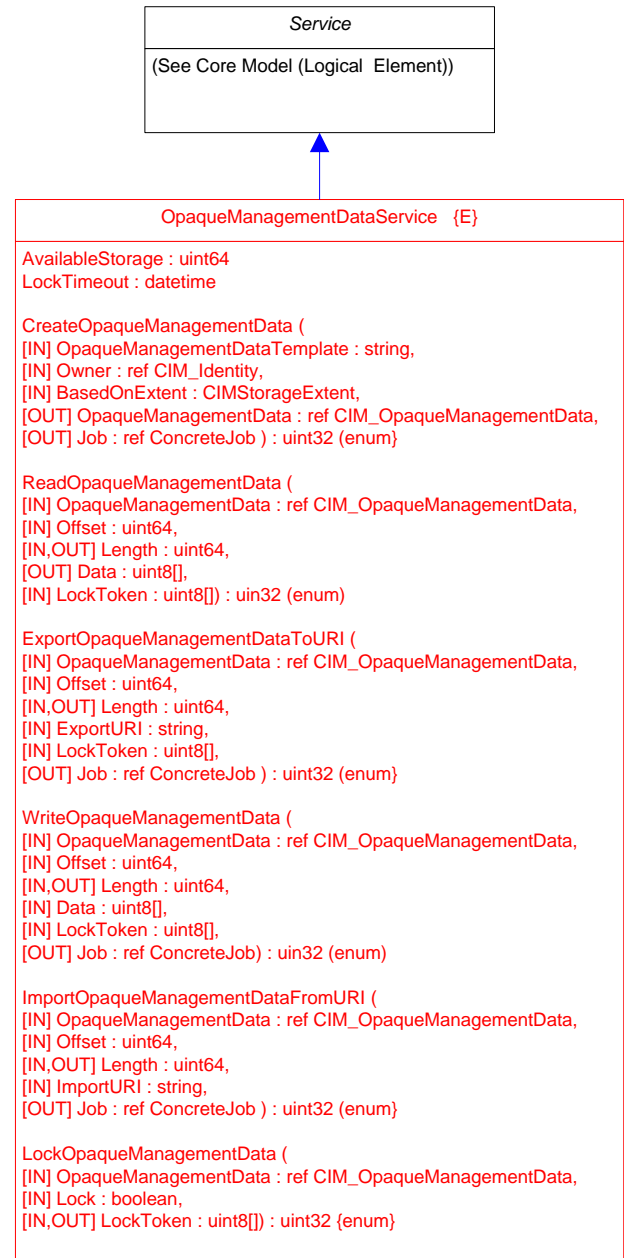
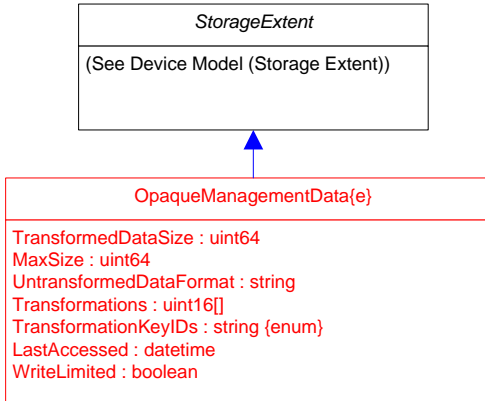
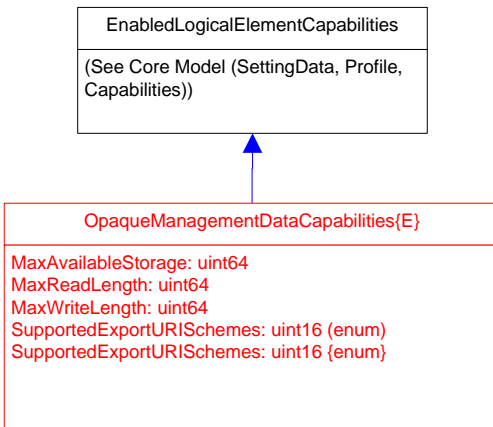
- Inheritance
- Association
- Association with WEAK reference
- Aggregation
- Aggregation with WEAK reference
- Composition Aggregation
- Equivalent to: 0 .. n
- Experimental Class or Property
- Deprecated Class or Property

-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0 .. n
-  Experimental Class or Property
-  Deprecated Class or Property



Page 16 : Opaque Data

-  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





Page 16 : Association Hierarchy

<b>ActsAsSpare {D}</b>
Group: ref SpareGroup {key, *}
Spare: ref ManagedSystemElement {key, *}
HotStandby: boolean

<b>CompatibleProduct</b>
Product: ref Product {key, *}
CompatibleProduct: ref Product {key, *}
CompatibilityDescription: string

<b>CollectionConfiguration {D}</b>
Collection: ref CollectionOfMSEs {key, *}
Configuration: ref Configuration {key, *}

<b>CollectionSetting</b>
Collection: ref CollectionOfMSEs {key, *}
Setting: ref Setting {key, *}

<b>ElementCapabilities</b>
ManagedElement: ref ManagedElement {key, 1}
Capabilities: ref Capabilities {key, *}
Characteristics[] : uint16 {enum} {E}

<b>ElementConfiguration {D}</b>
Element: ref ManagedSystemElement {key, *}
Configuration: ref Configuration {key, *}

<b>ElementLocation</b>
Element: ref ManagedElement {key, *}
PhysicalLocation: ref Location {key, *}

<b>PhysicalElementLocation</b>
Element: ref PhysicalElement {*}
PhysicalLocation: ref Location {0..1}

<b>ElementProfile {D}</b>
ManagedElement: ref ManagedElement {key, 1}
Profile: ref Profile {key, *}

<b>ElementSetting</b>
Element: ref ManagedSystemElement {key, *}
Setting: ref Setting {key, *}

<b>DefaultSetting</b>
Element: ref ManagedSystemElement {*}
Setting: ref Setting {0..1}

<b>ElementSettingData</b>
ManagedElement: ref ManagedElement {key, *}
SettingData: ref SettingData {key, *}
IsDefault : uint16 {enum}
IsCurrent: uint16 {enum}
IsNext : uint16 {enum} {E}
IsMinimum : uint16 {enum} {E}
IsMaximum : uint16 {enum} {E}
IsPending : uint16 {enum} {E}

<b>ElementStatisticalData</b>
ManagedElement: ref ManagedElement {key, 1}
Stats: ref StatisticalData {key, *}

<b>InstalledSoftwareIdentity</b>
System: ref System {key, *}
InstalledSoftware: ref SoftwareIdentity {key, *}

<b>LogicalIdentity</b>
SystemElement: ref ManagedElement {key, *}
SameElement: ref ManagedElement {key, *}

<b>ConcreteIdentity</b>
SystemElement: ref ManagedElement {*}
SameElement: ref ManagedElement {*}

<b>ParametersForMethod</b>
Parameters ref MethodParameters {key, *}
TheMethod ref ManagedElement {key, *}
MethodName: string {key}

<b>ParameterValueSources</b>
Parameters ref MethodParameters {key, *}
ValueSource ref ManagedElement {key, *}

<b>ProductFRU {D}</b>
Product: ref Product {key, 0..1}
FRU: ref FRU {key, *}

<b>ProductProductDependency</b>
RequiredProduct: ref Product {key, *}
DependentProduct: ref Product {key, *}
TypeOfDependency: uint16 {enum}

<b>ProductSupport</b>
Product: ref Product {key, *}
Support: ref SupportAccess {key, *}

<b>RelatedStatisticalData</b>
Stats: ref StatisticalData {key, *}
RelatedStats: ref StatisticalData {key, *}
Descripton: string

<b>RelatedStatistics</b>
Stats: ref StatisticalInformation {key, *}
RelatedStats: ref StatisticalInformation {key, *}

<b>ReplaceableProductFRU {D}</b>
Product: ref Product {key, 0..1}
FRU: ref FRU {key, *}

<b>DependencyContext {D}</b>
Context: ref CIM_Configuration {key, *}
Dependency: ref CIM_Dependency {key, *}

<b>Statistics</b>
Stats: ref StatisticalInformation {key, *}
Element: ref ManagedElement {key, *}

<b>DeviceStatistics</b>
Stats: ref DeviceStatisticalInformation {weak, *}
Element: ref LogicalDevice {1}

<b>SystemStatistics</b>
Stats: ref SystemStatisticalInformation {weak, *}
Element: ref System {1}

<b>ServiceStatistics</b>
Stats: ref ServiceStatisticalInformation {weak, *}
Element: ref Service {1}

<b>SAPStatistics</b>
Stats: ref SAPStatisticalInformation {weak, *}
Element: ref ServiceAccessPoint {1}

<b>PhysicalStatistics</b>
Stats: ref PhysicalStatisticalInformation {weak, *}
Element: ref PhysicalElement {1}

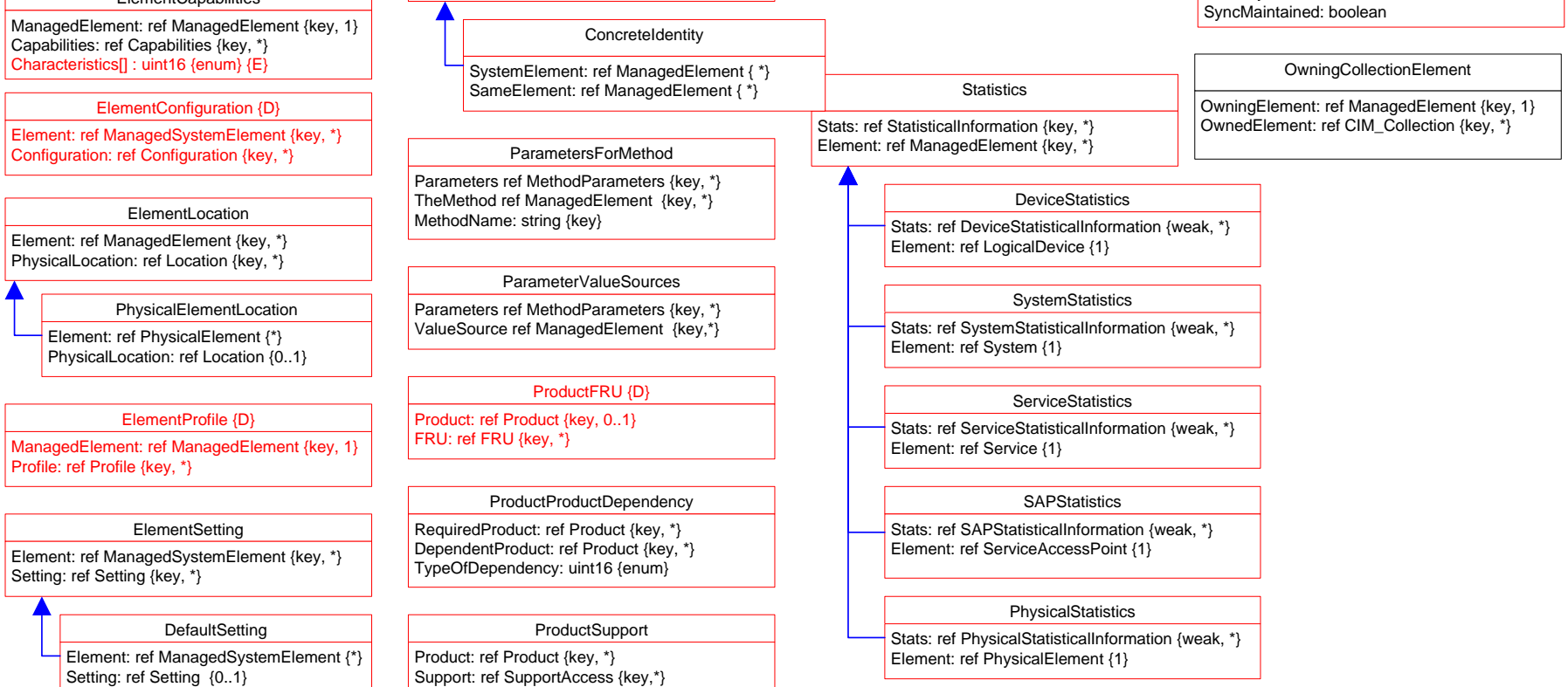
<b>ServiceAffectsElement</b>
AffectedElement: ref ManagedElement {key, *}
AffectingElement: ref Service {key, *}
ElementEffects: uint16[] {enum}
OtherElementEffectsDescriptions: string[]
AssignedSequence : uint16 {E}

<b>ServiceAffectsElementWithQuota {E}</b>
Quota: uint16
QuotaUsed: uint16
QuotaUnits: string

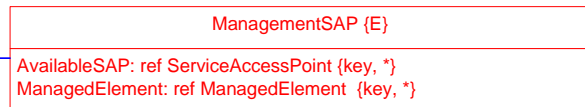
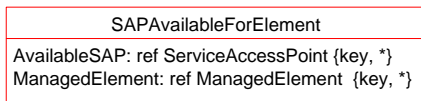
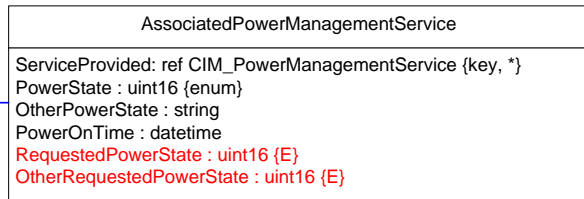
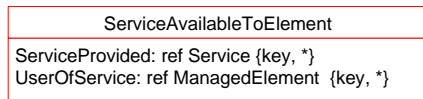
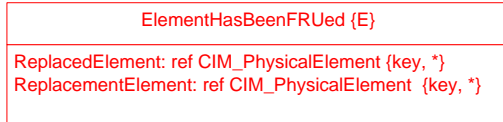
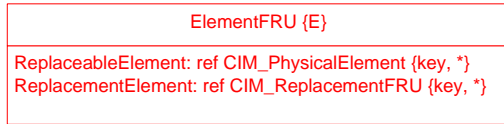
<b>ElementSettingData {E}</b>
ManagedElement: ref ManagedElement {key, *}
SettingData: ref SettingData {key, *}

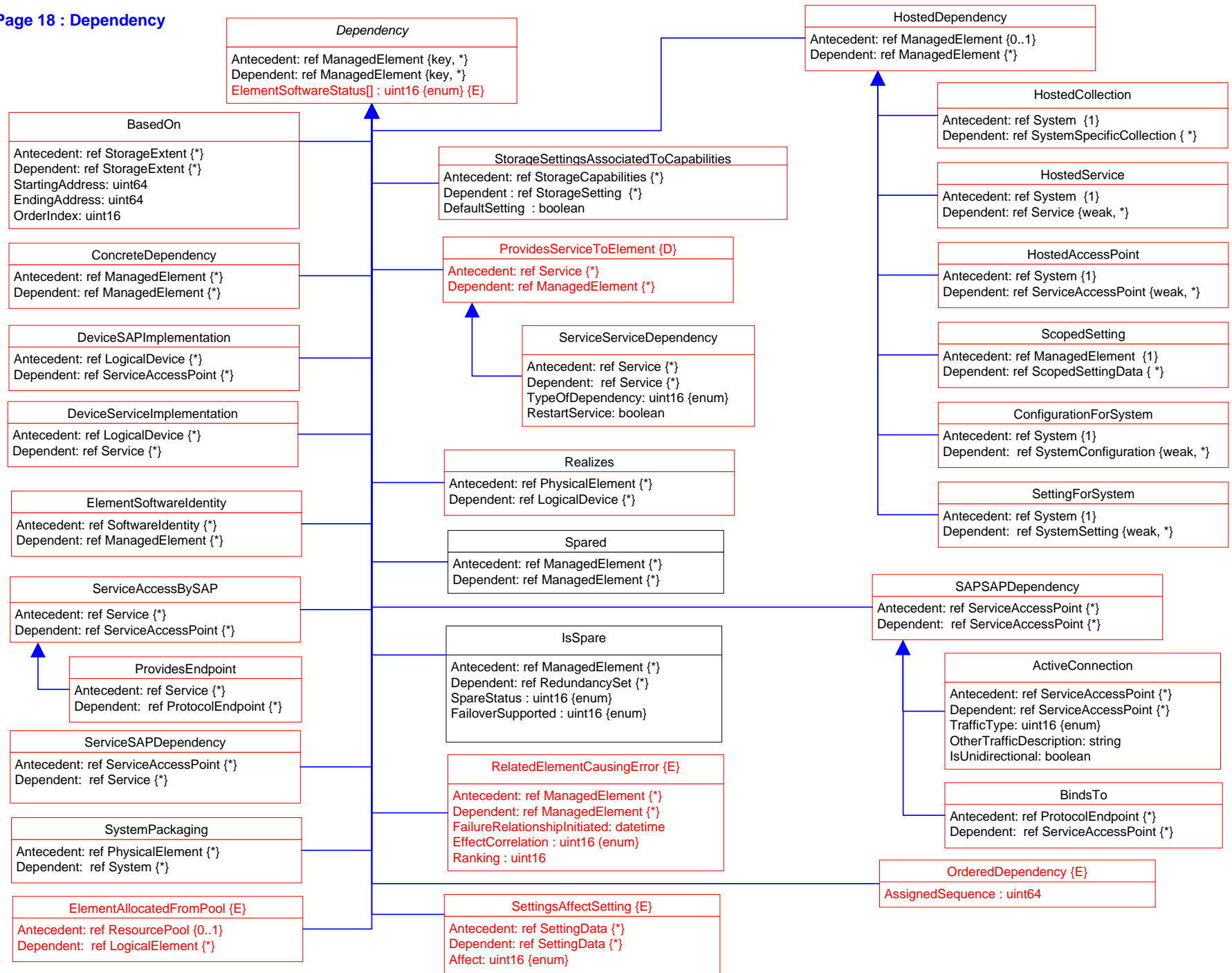
<b>Synchronized</b>
SystemElement: ref ManagedElement {key, *}
SyncedElement: ref ManagedElement {key, *}
WhenSynced: datetime
SyncMaintained: boolean

<b>OwningCollectionElement</b>
OwningElement: ref ManagedElement {key, 1}
OwnedElement: ref CIM_Collection {key, *}



Page 17 : Association Hierarchy





## Page 19 : Aggregation Hierarchy

