

Title : Core Specification V2.24
 Filename: CIM_Core.vsd
 Author : DMTF SysDev-wg
 Date : 4 February 2010

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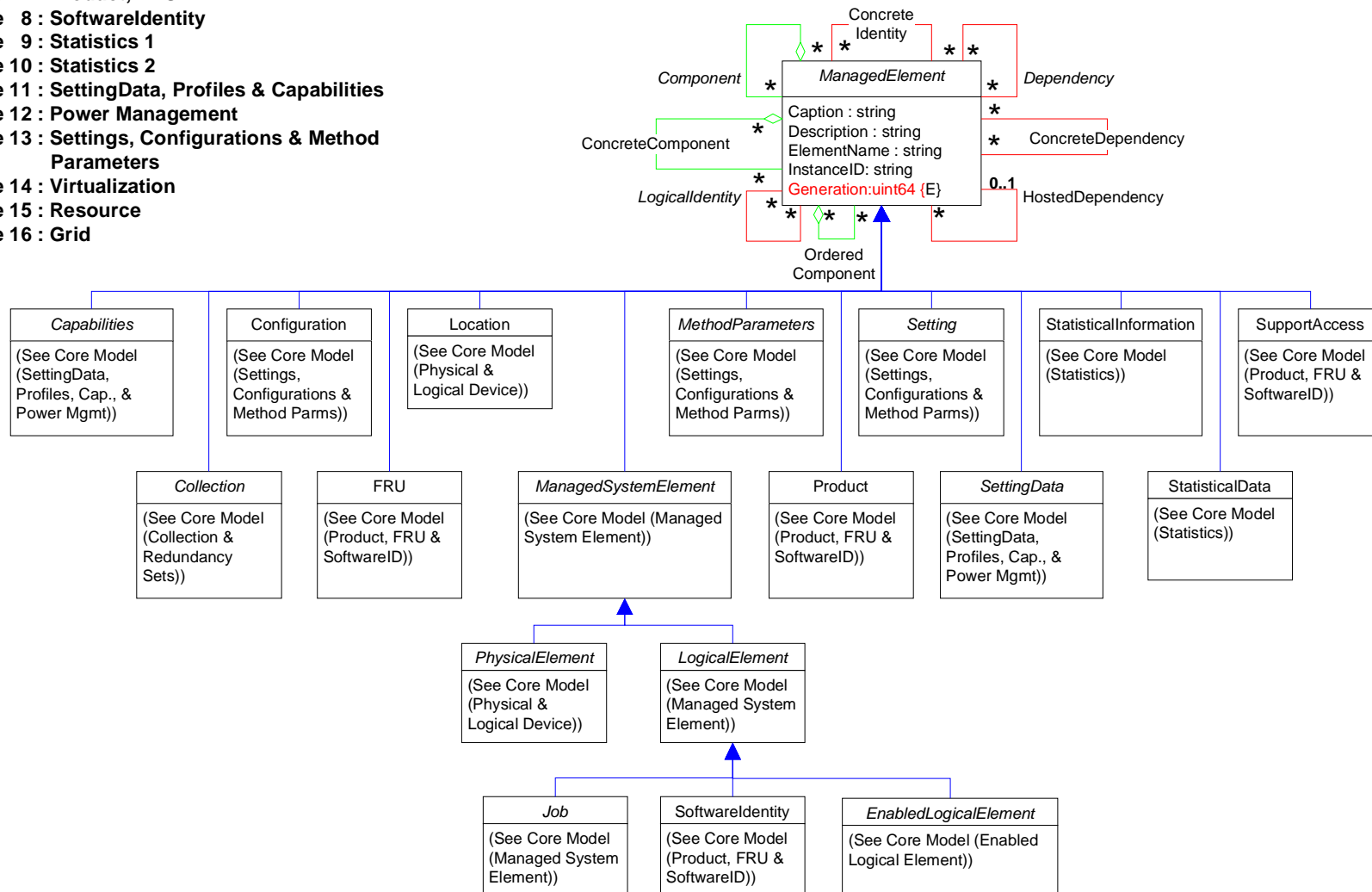
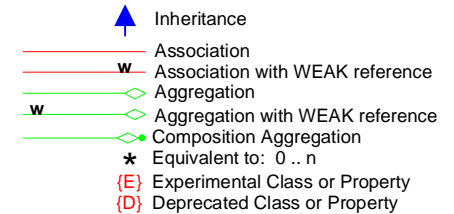
Page 19 : Association Hierarchy 1

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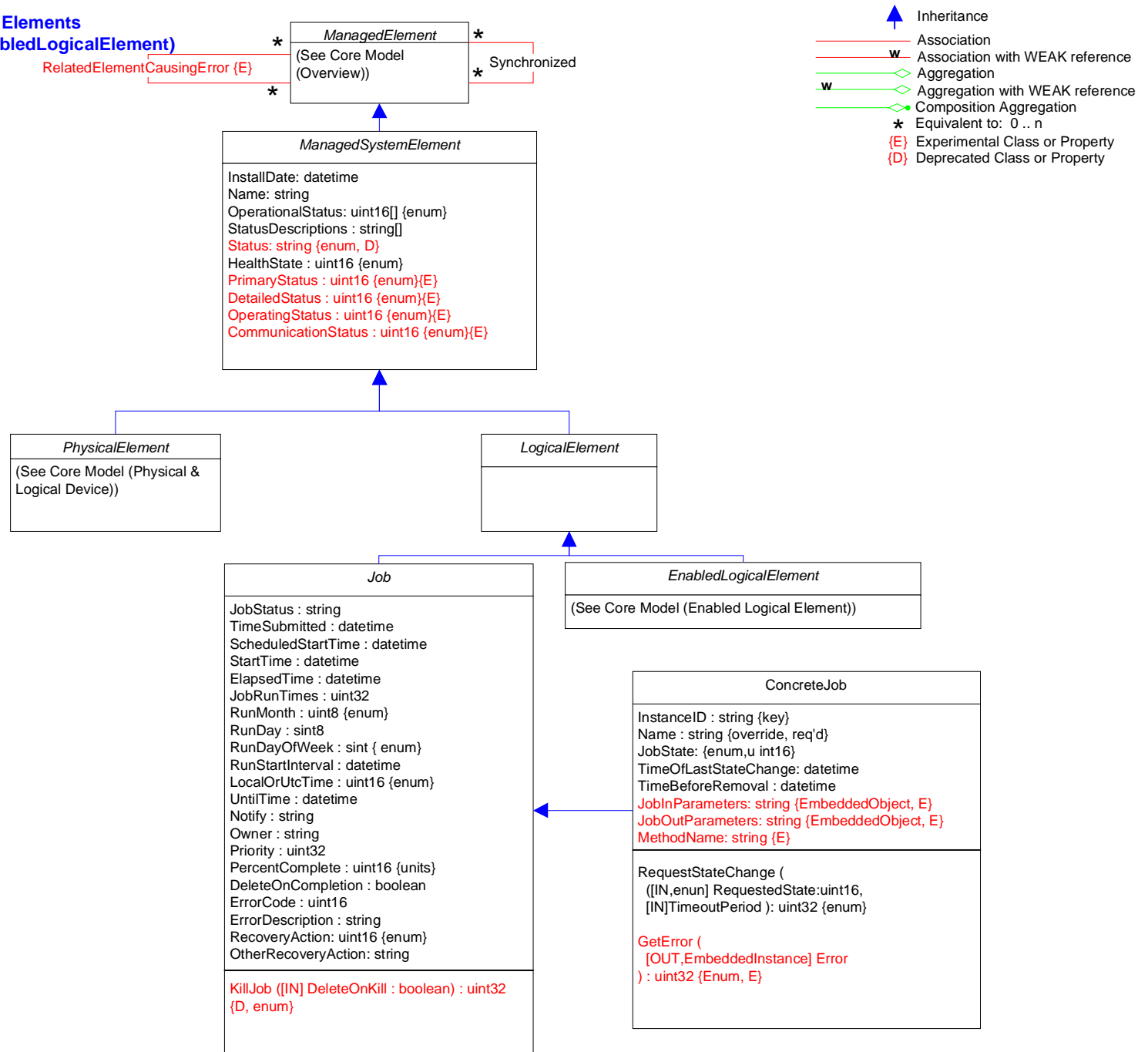
Page 21 : Dependency Hierarchy 1

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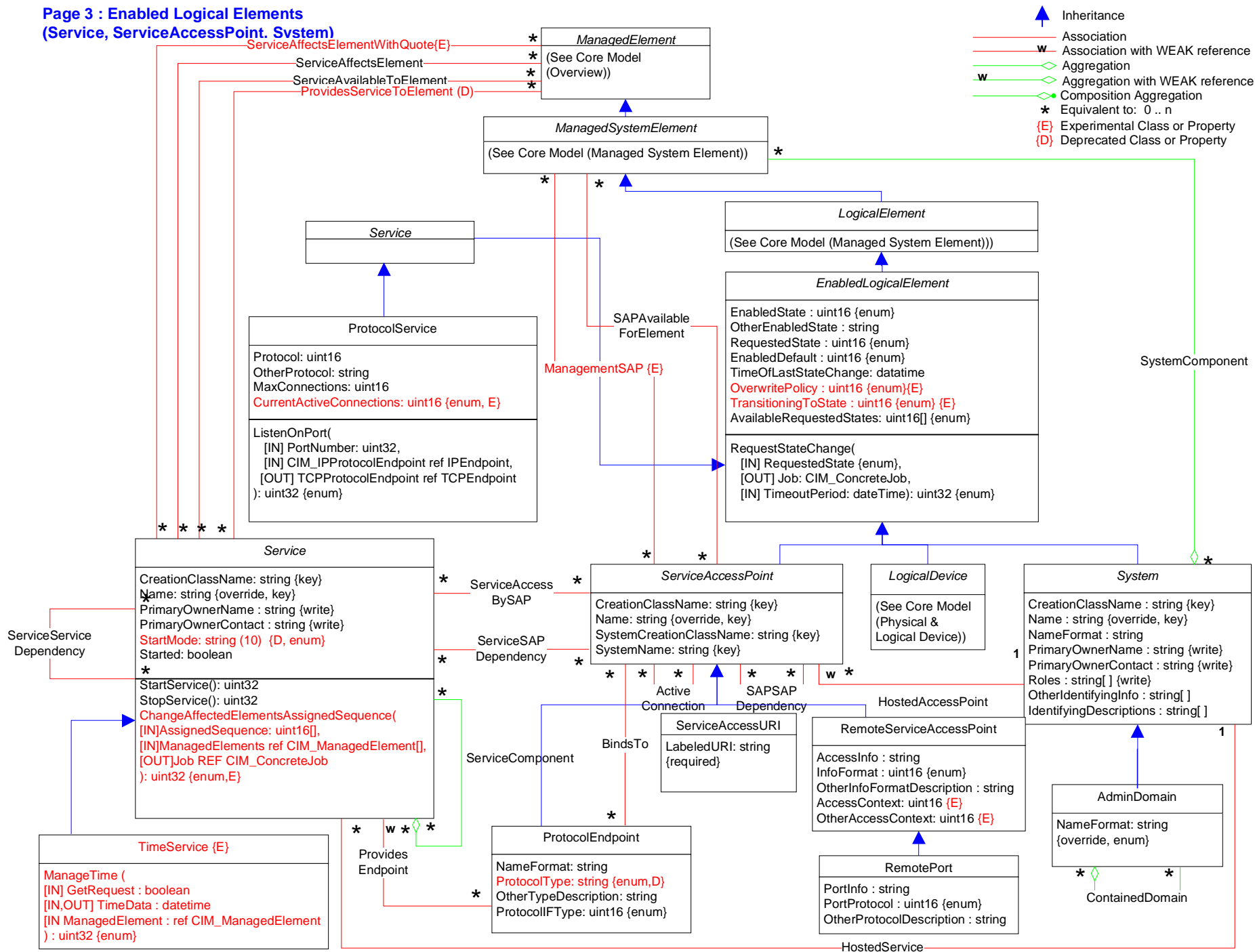
Page 23 : Aggregation Hierarchy



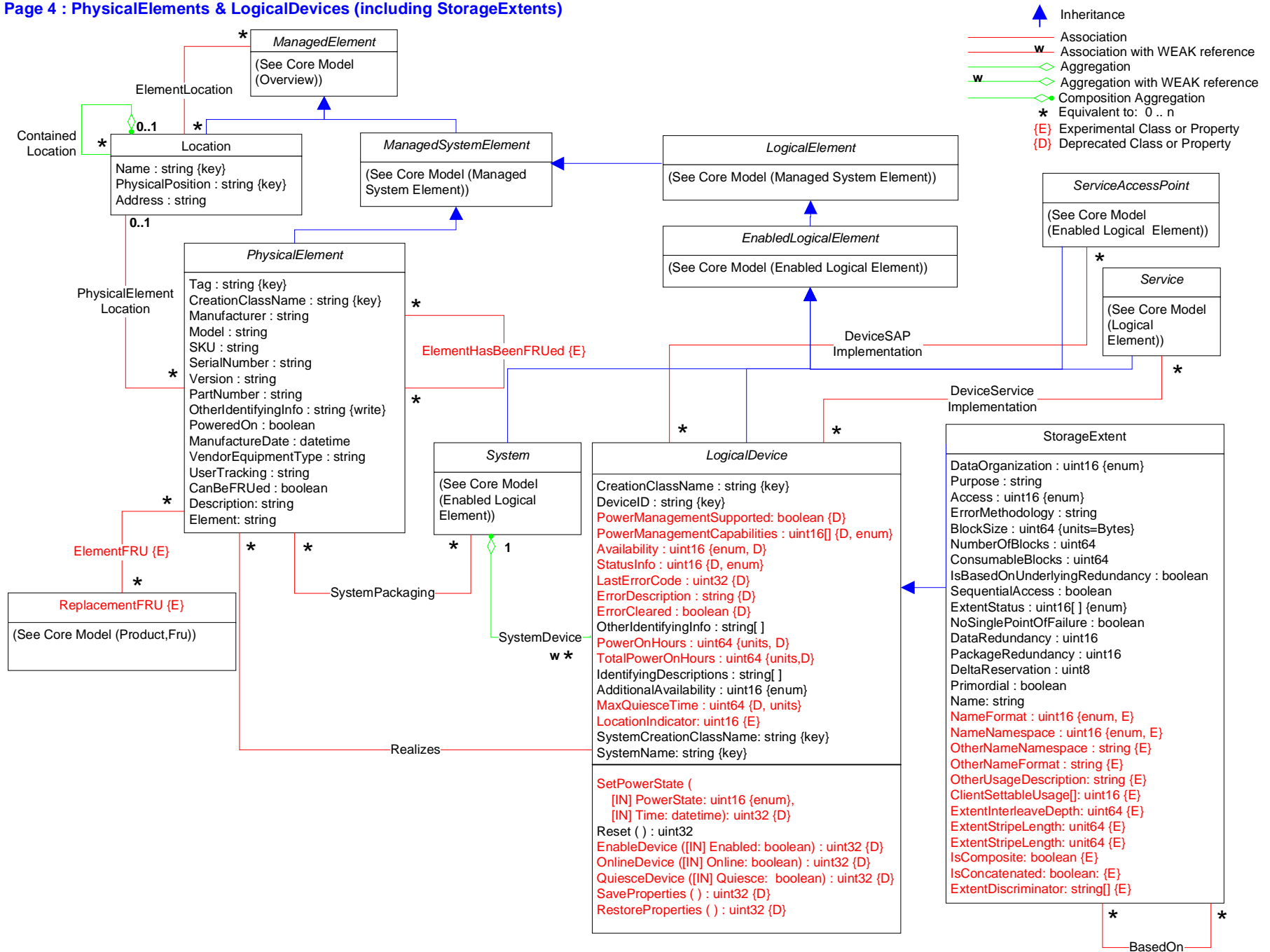
Page 2 : Managed System Elements
(LogicalElement, Job, EnabledLogicalElement)



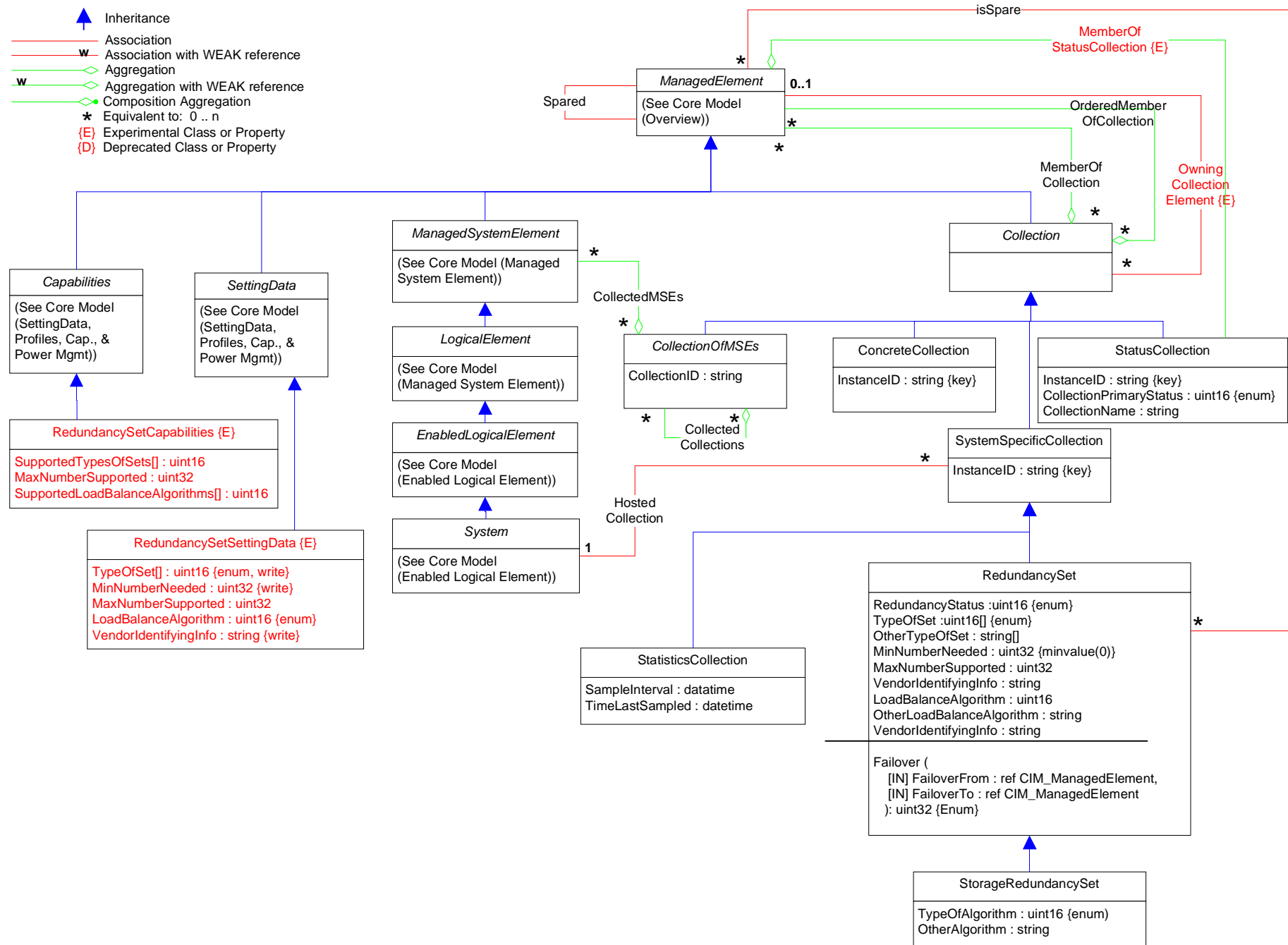
Page 3 : Enabled Logical Elements (Service, ServiceAccessPoint, Svsystem)



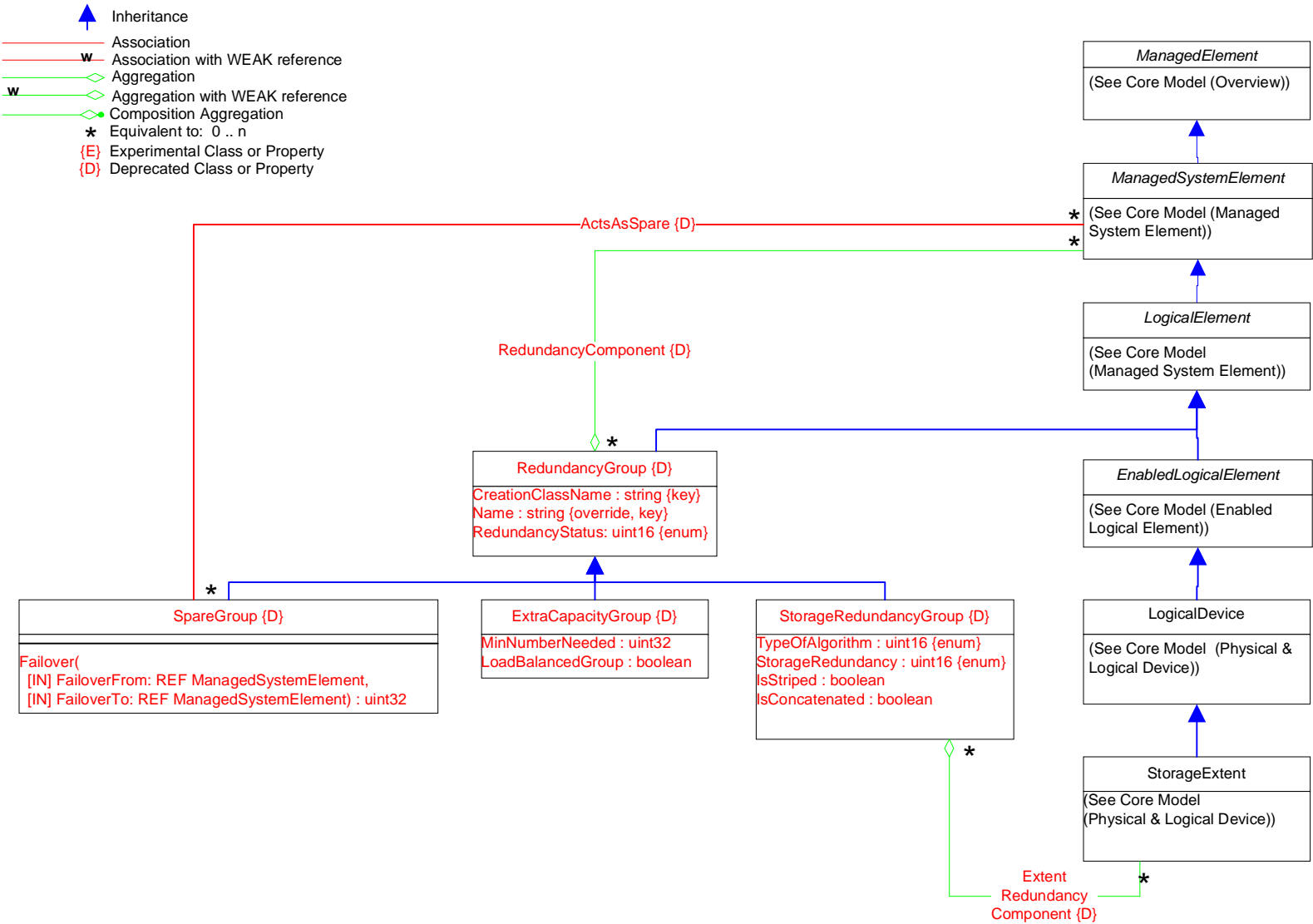
Page 4 : PhysicalElements & LogicalDevices (including StorageExtents)

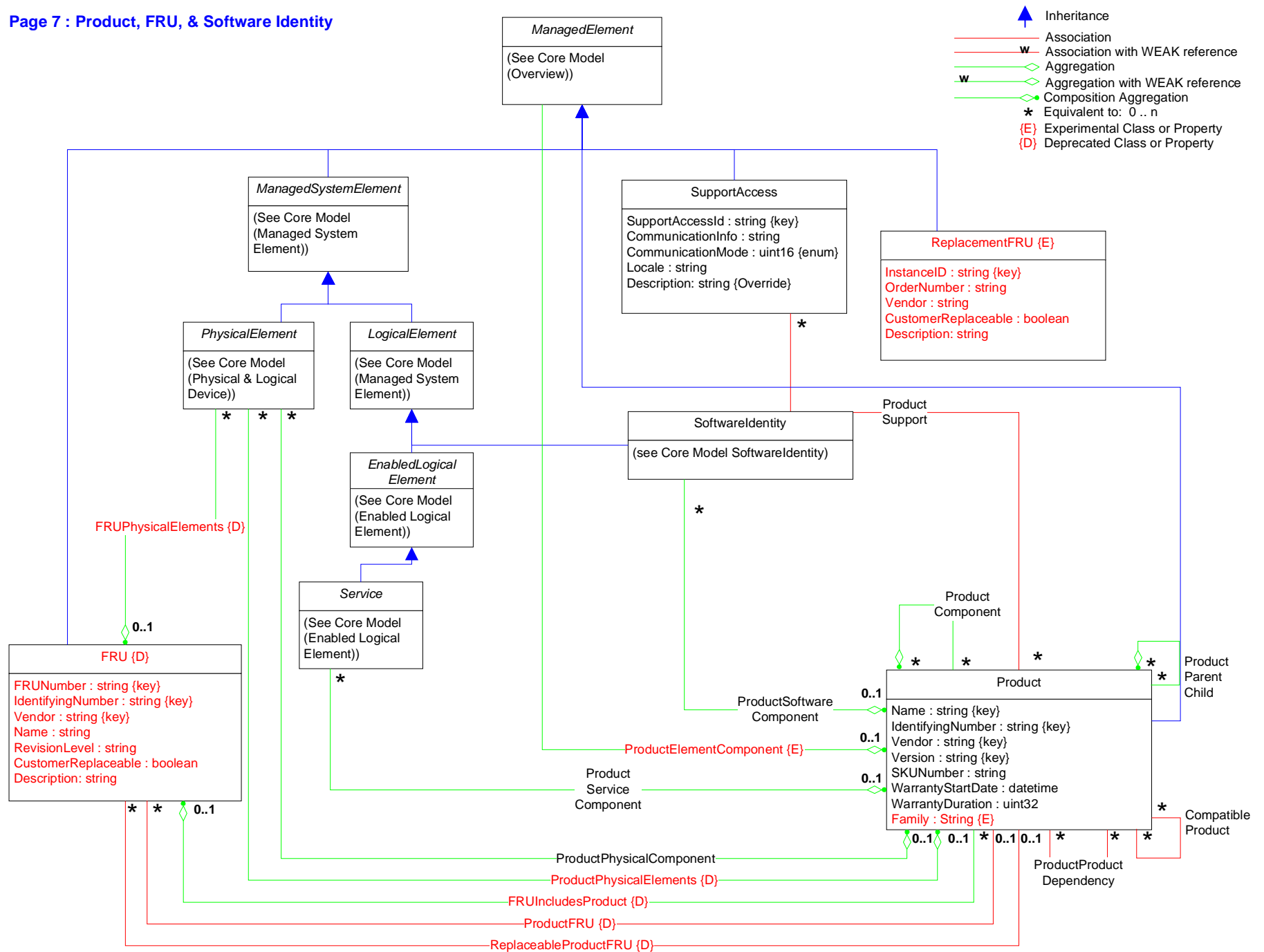


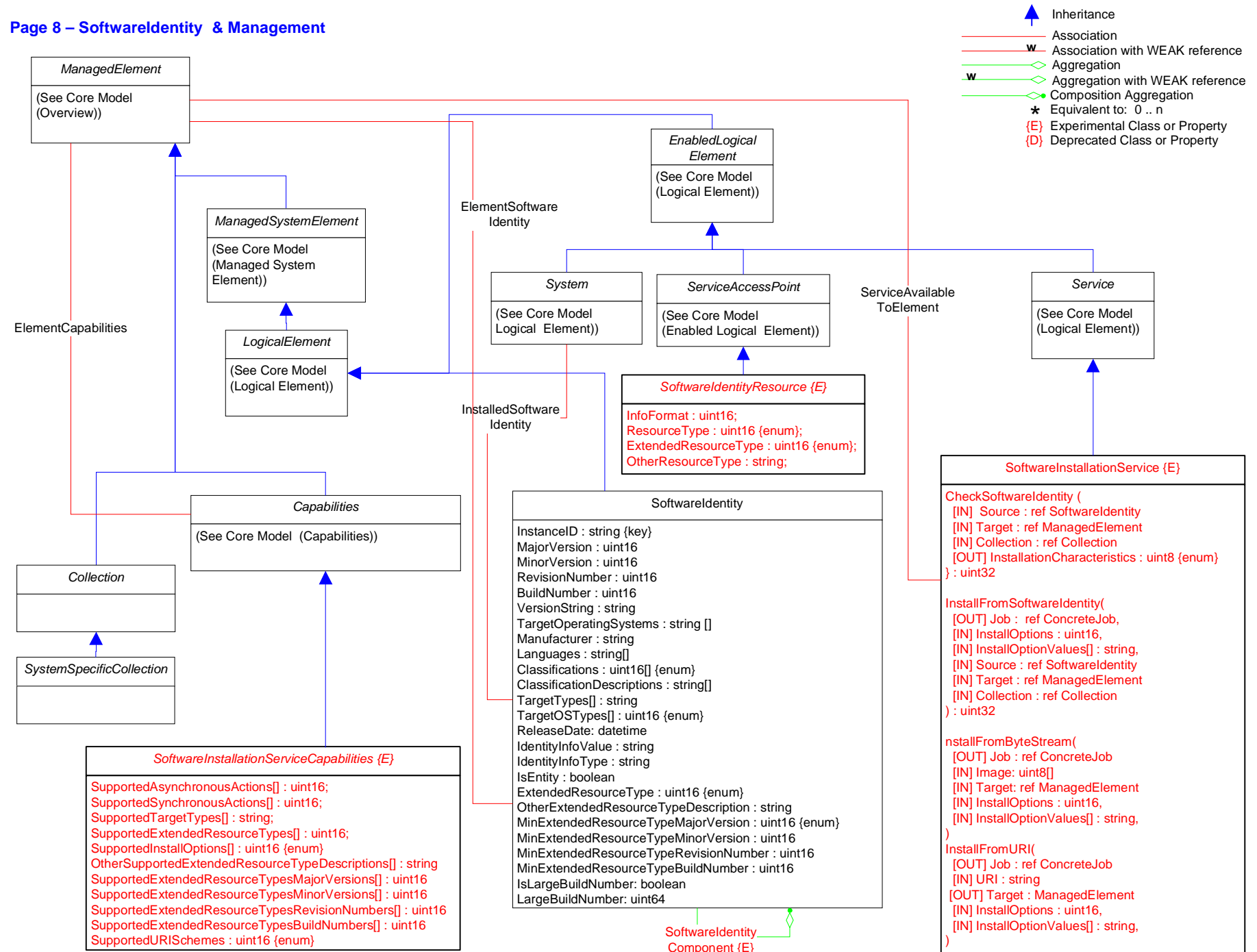
Page 5 : Collections/RedundancySet



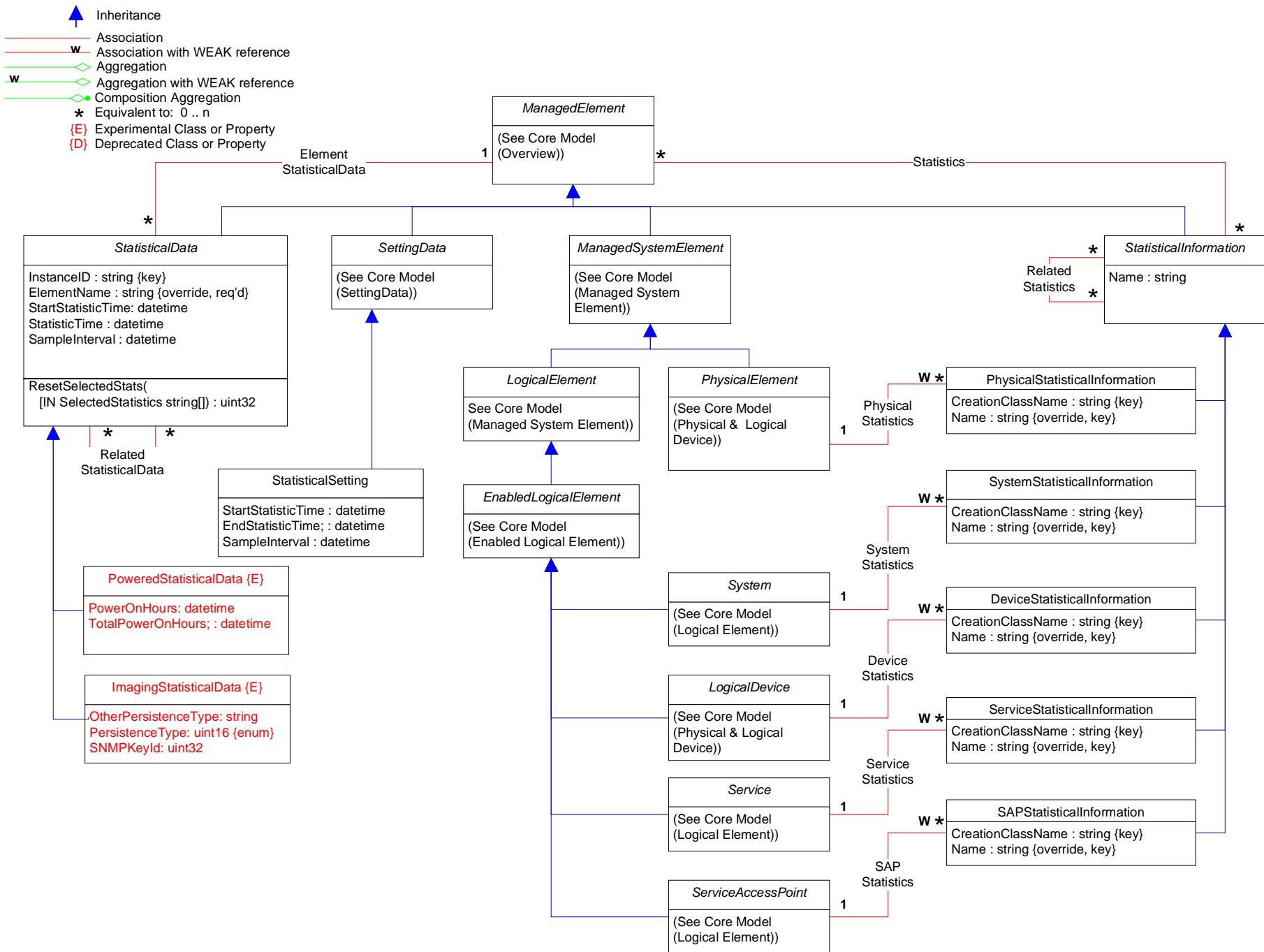
Page 6 : Redundancy Group



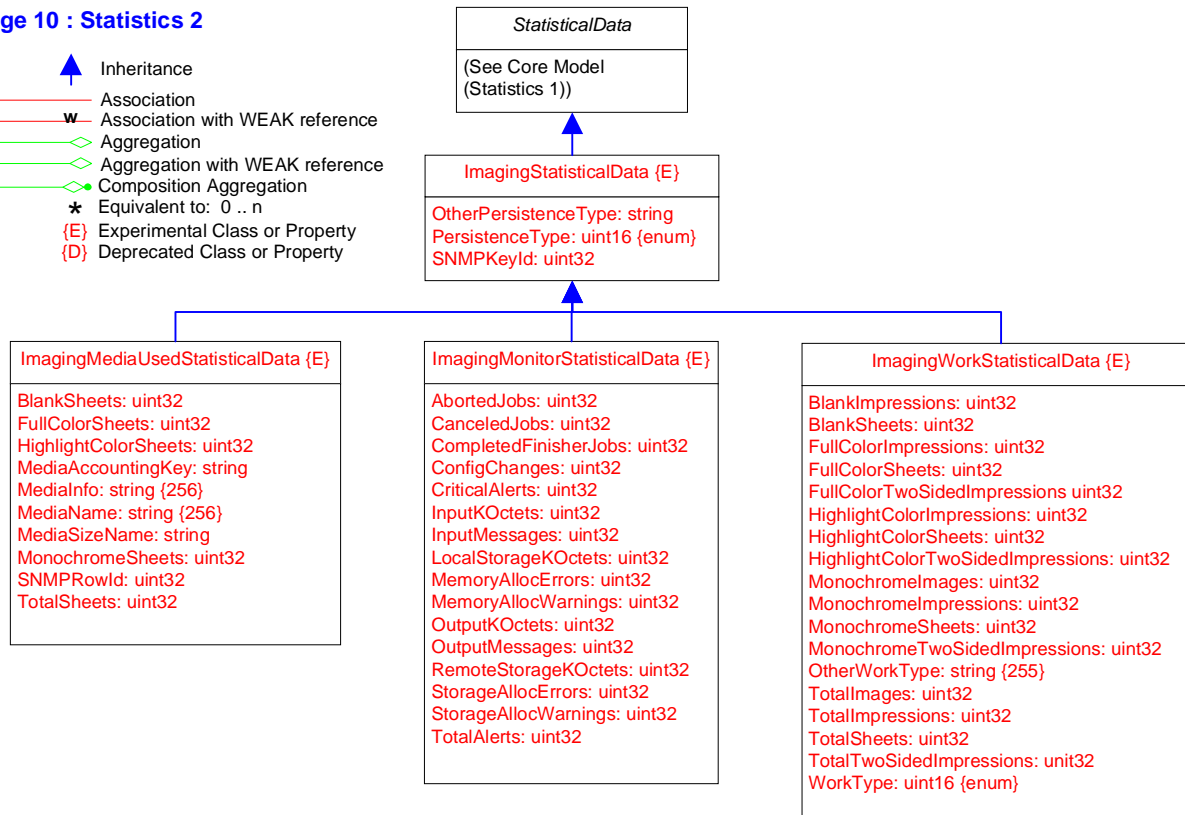
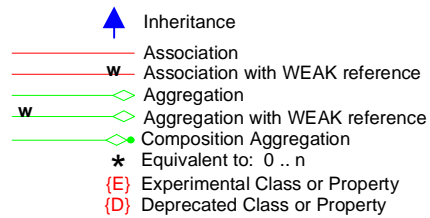


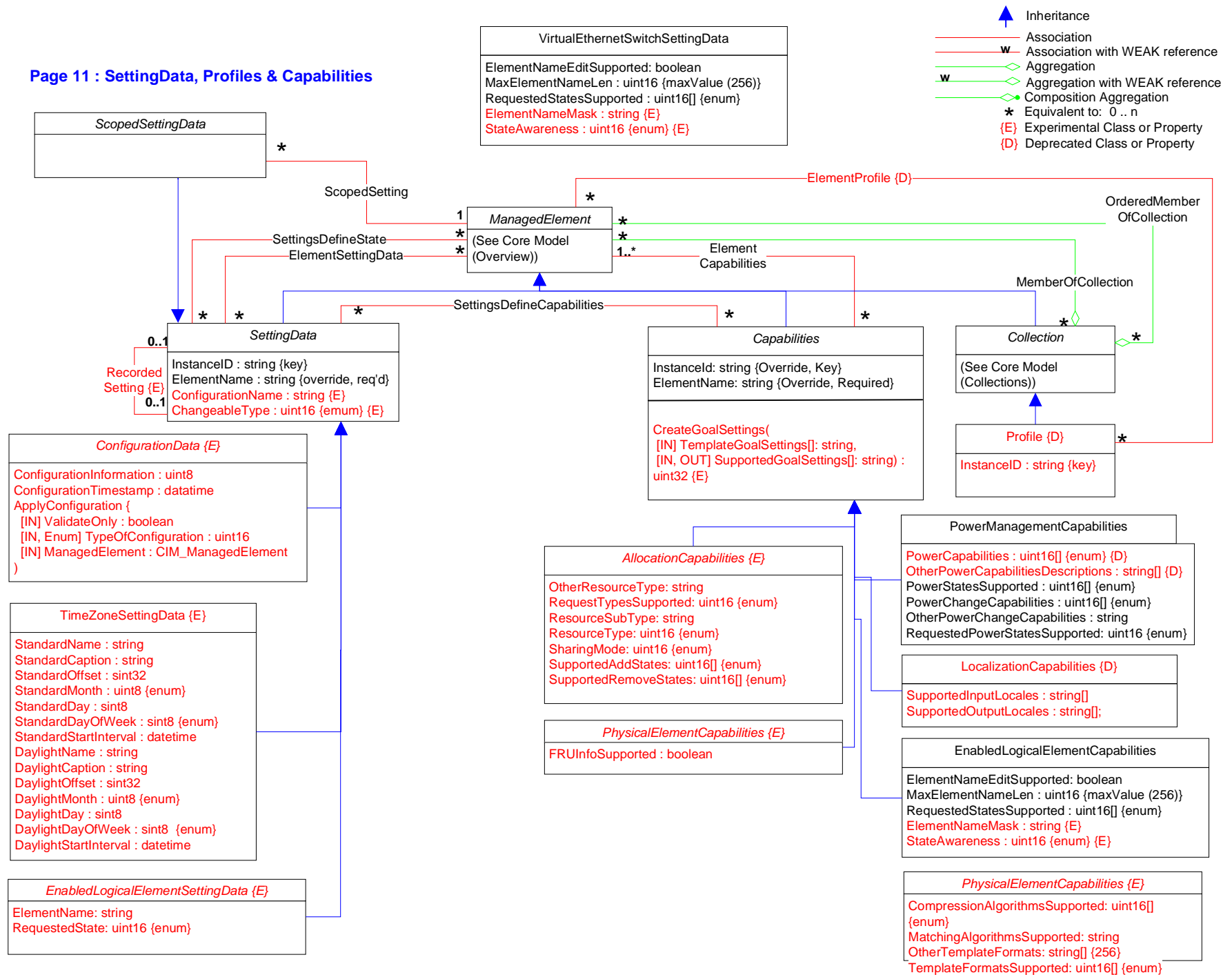


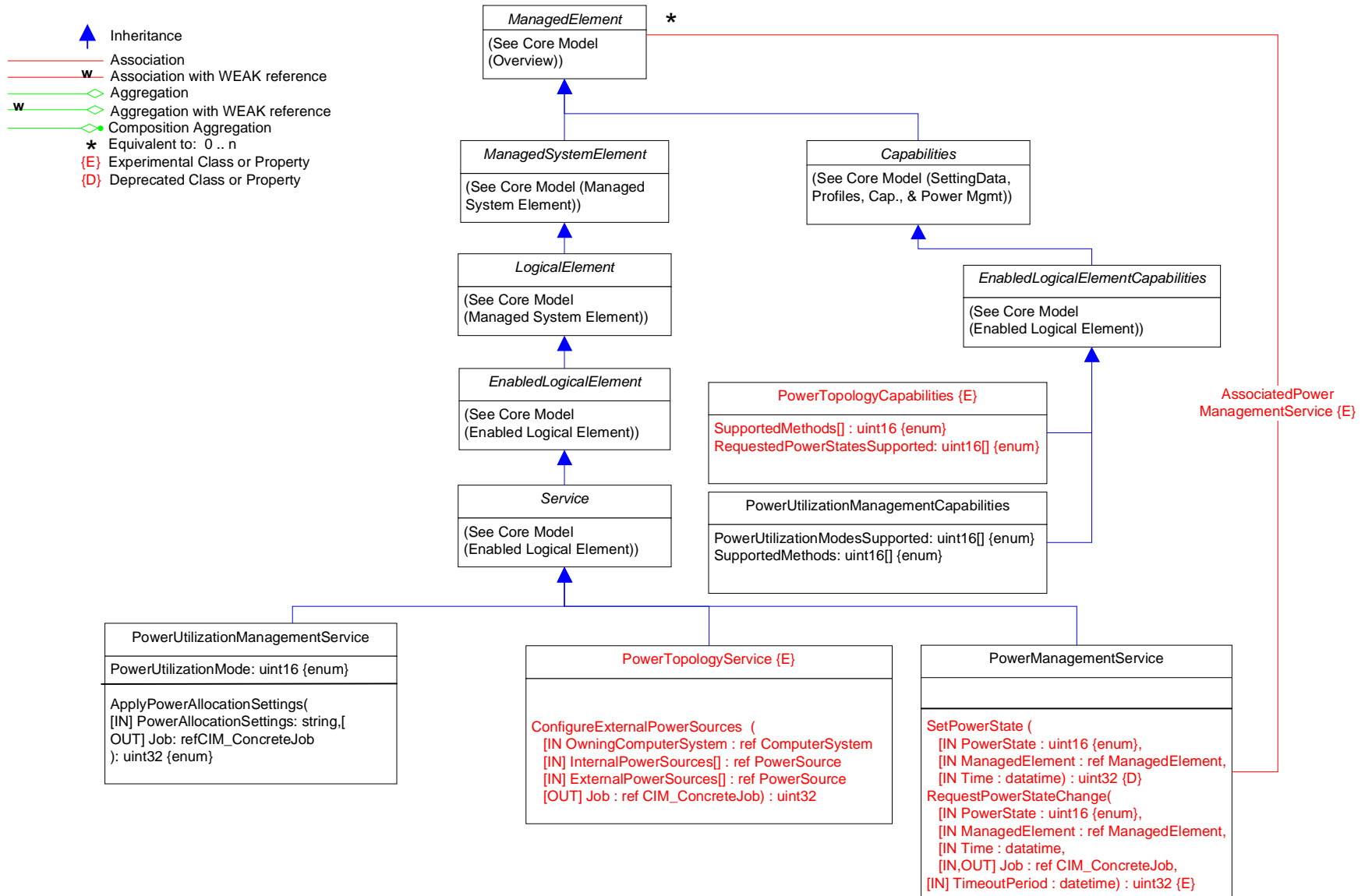
Page 9 : Statistics 1



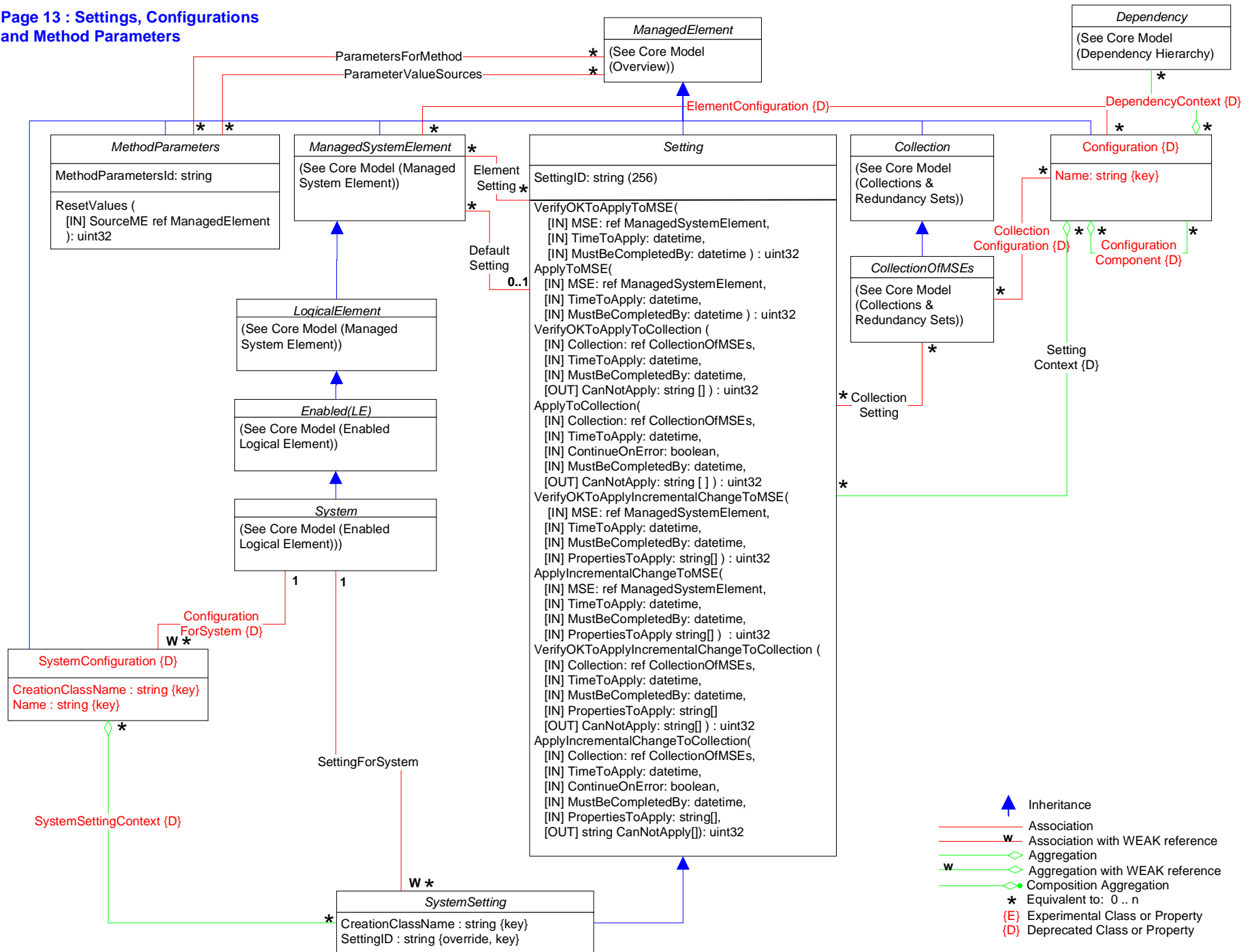
Page 10 : Statistics 2



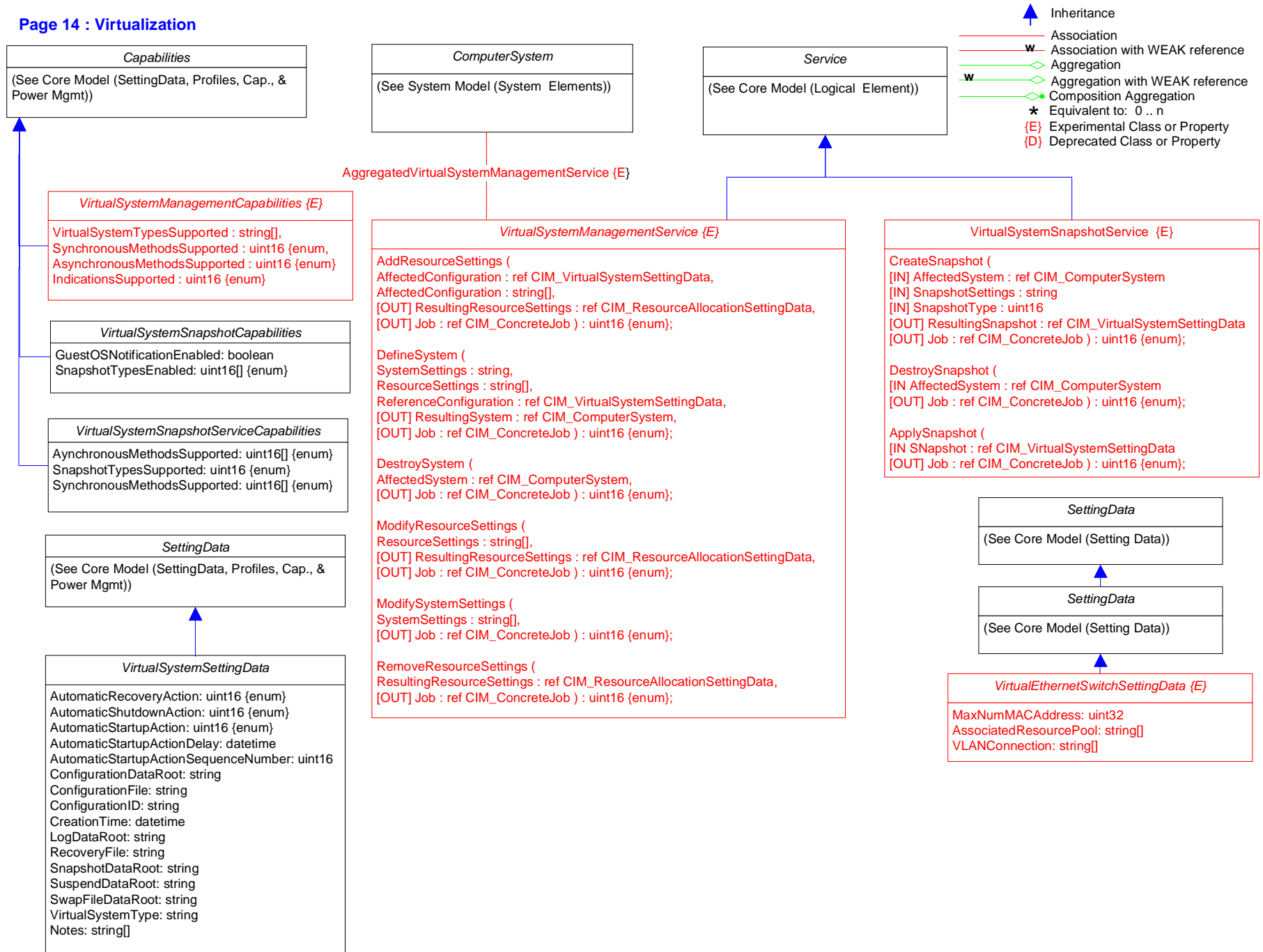




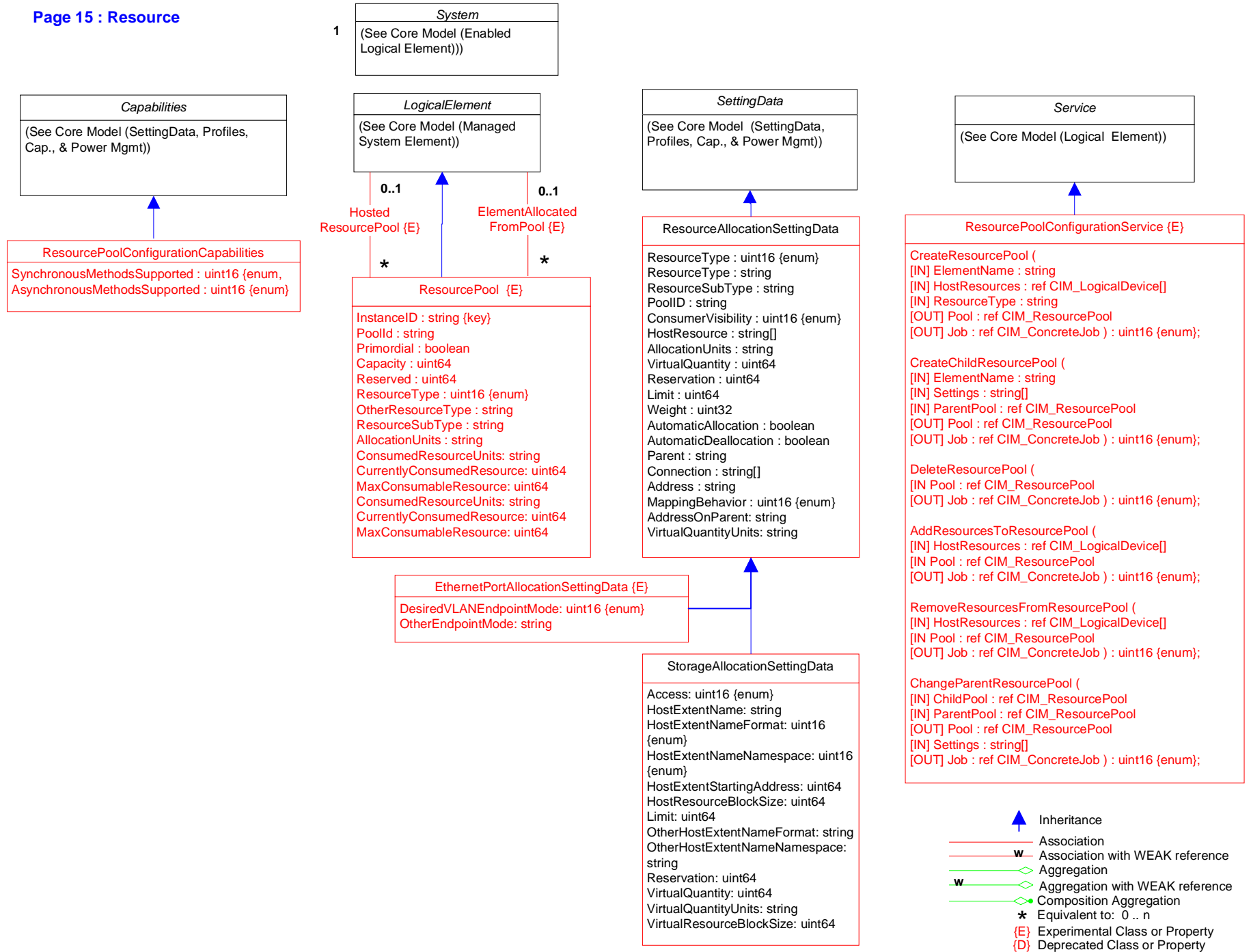
Page 13 : Settings, Configurations and Method Parameters

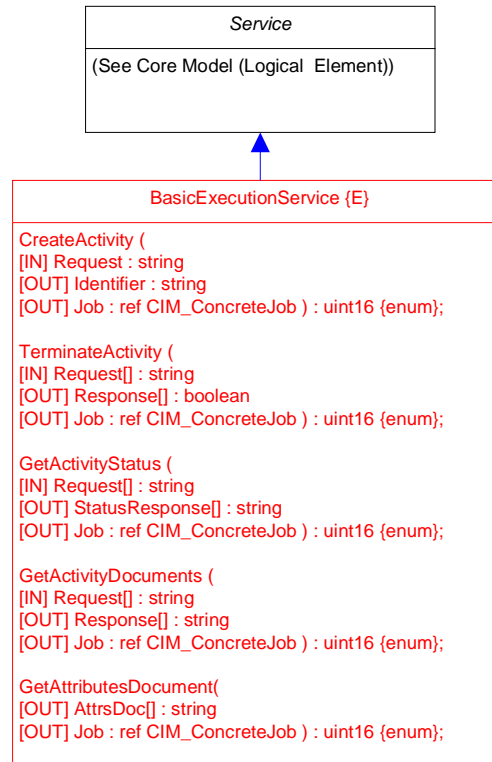
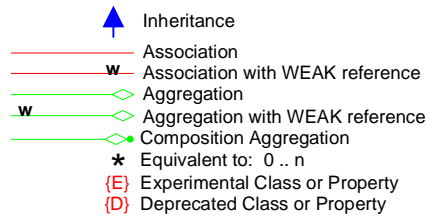


Page 14 : Virtualization

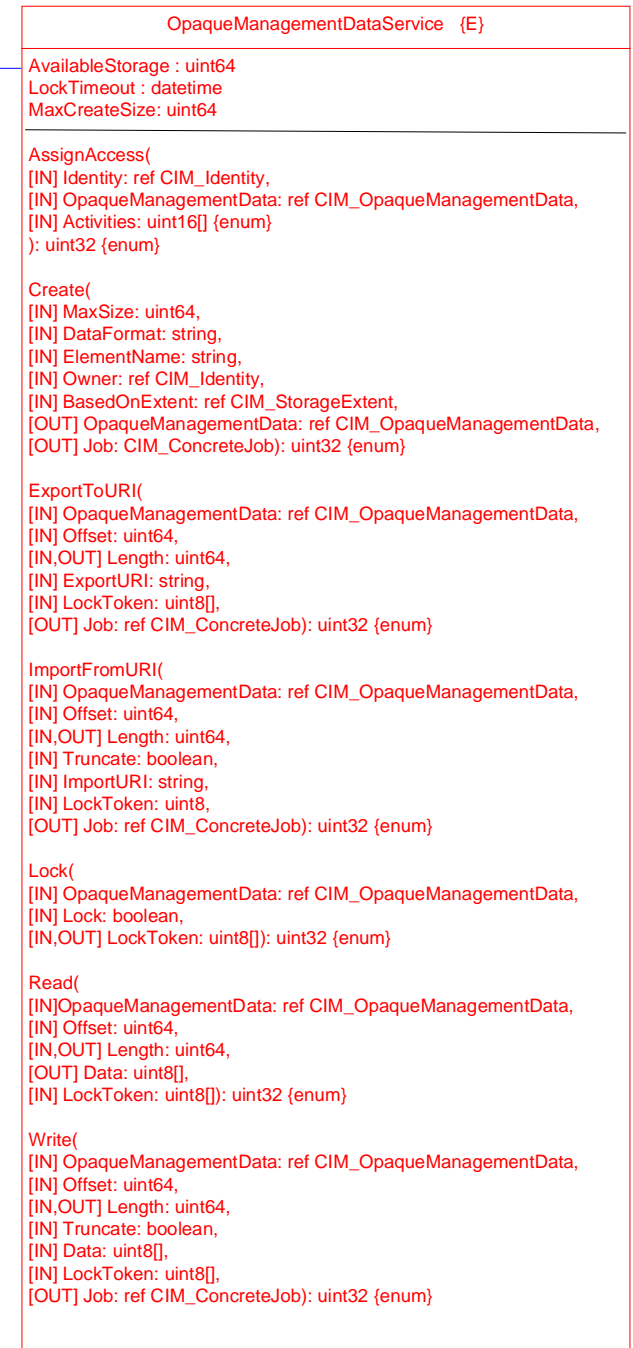
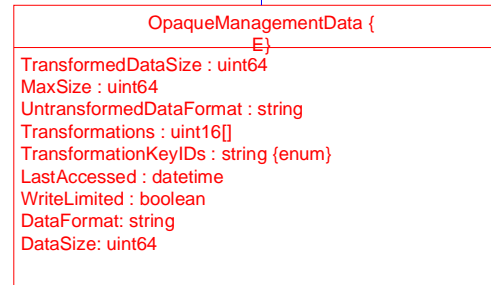
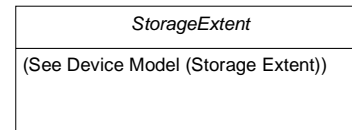
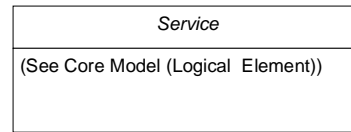
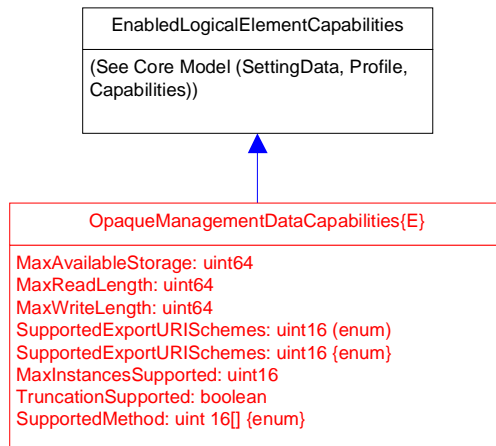
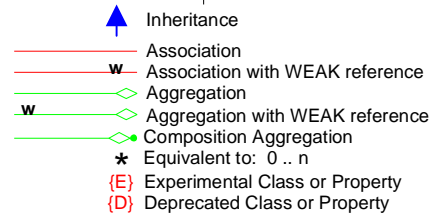


Page 15 : Resource

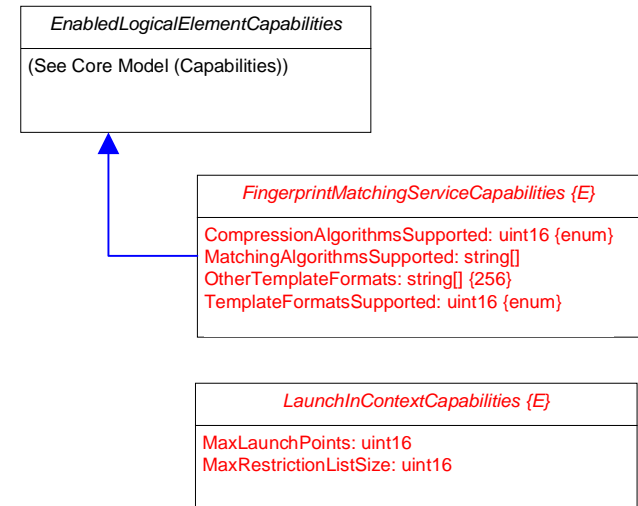
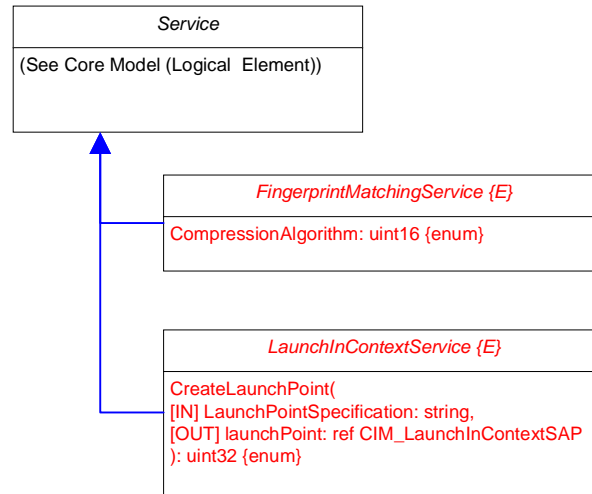
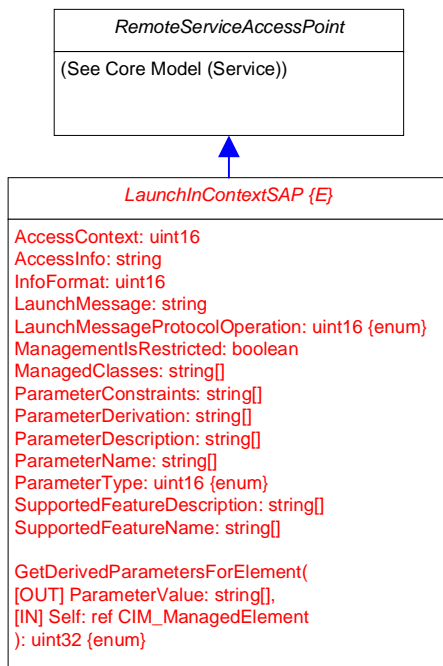
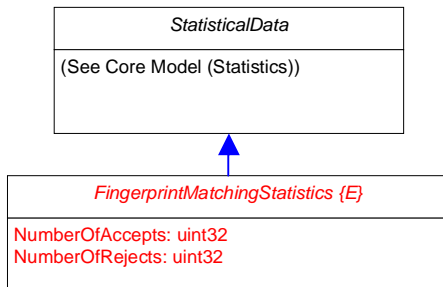
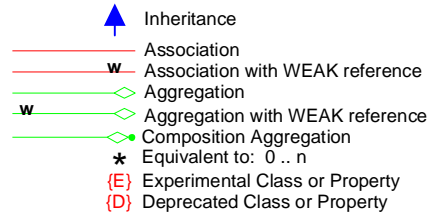




Page 17 : Opaque Data



Page 18 : Fingerprint, Launch



Page 19 : Association Hierarchy

ActsAsSpare {D}
Group: ref SpareGroup {key, *}
Spare: ref ManagedSystemElement {key, *}
HotStandby: boolean

CompatibleProduct
Product: ref Product {key, *}
CompatibleProduct: ref Product {key, *}
CompatibilityDescription: string

CollectionConfiguration {D}
Collection: ref CollectionOfMSEs {key, *}
Configuration: ref Configuration {key, *}

CollectionSetting
Collection: ref CollectionOfMSEs {key, *}
Setting: ref Setting {key, *}

ElementCapabilities
ManagedElement: ref ManagedElement {key, 1}
Capabilities: ref Capabilities {key, *}

ElementConfiguration {D}
Element: ref ManagedSystemElement {key, *}
Configuration: ref Configuration {key, *}

ElementLocation
Element: ref ManagedElement {key, *}
PhysicalLocation: ref Location {key, *}

PhysicalElementLocation
Element: ref PhysicalElement {*}
PhysicalLocation: ref Location {0..1}

ElementProfile {D}
ManagedElement: ref ManagedElement {key, 1}
Profile: ref Profile {key, *}

ElementSetting
Element: ref ManagedSystemElement {key, *}
Setting: ref Setting {key, *}

DefaultSetting
Element: ref ManagedSystemElement {*}
Setting: ref Setting {0..1}

ElementSettingData
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}

ElementStatisticalData
ManagedElement: ref ManagedElement {key, 1}
Stats: ref StatisticalData {key, *}

InstalledSoftwareIdentity
System: ref System {key, *}
InstalledSoftware: ref SoftwareIdentity {key, *}

LogicalIdentity
SystemElement: ref ManagedElement {key, *}
SameElement: ref ManagedElement {key, *}

ConcretIdentity
SystemElement: ref ManagedElement {*}
SameElement: ref ManagedElement {*}

ParametersForMethod
Parameters ref MethodParameters {key, *}
TheMethod ref ManagedElement {key, *}
MethodName: string {key}

ParameterValueSources
Parameters ref MethodParameters {key, *}
ValueSource ref ManagedElement {key, *}

ProductFRU {D}
Product: ref Product {key, 0..1}
FRU: ref FRU {key, *}

ProductProductDependency
RequiredProduct: ref Product {key, *}
DependentProduct: ref Product {key, *}
TypeOfDependency: uint16 {enum}

ProductSupport
Product: ref Product {key, *}
Support: ref SupportAccess {key, *}

RelatedStatisticalData
Stats: ref StatisticalData {key, *}
RelatedStats: ref StatisticalData {key, *}
Descripton: string

RelatedStatistics
Stats: ref StatisticalInformation {key, *}
RelatedStats: ref StatisticalInformation {key, *}

ReplaceableProductFRU {D}
Product: ref Product {key, 0..1}
FRU: ref FRU {key, *}

Synchronized
SystemElement: ref ManagedElement {key, *}
SyncedElement: ref ManagedElement {key, *}
WhenSynced: datetime
SyncMaintained: boolean
CopyState: uint16 {E}
Mode: uint16 {E}
PercentSynced: uint16 {E}
ProgressStatus: uint16 {E}
RequestedCopyState: uint16 {E}
SyncType: uint16 {enum}
WhenActivated: datetime {E}
WhenDeactivated: datetime {E}
WhenEstablished: datetime {E}
WhenSuspended: datetime {E}
WhenSynchronized: datetime {E}

Statistics
Stats: ref StatisticalInformation {key, *}
Element: ref ManagedElement {key, *}

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

ServiceAffectsElementWithQuota {E}
Quota: uint16
QuotaUsed: uint16
QuotaUnits: string

ElementSettingData {E}
ManagedElement: ref ManagedElement {key, *}
SettingData: ref SettingData {key, *}

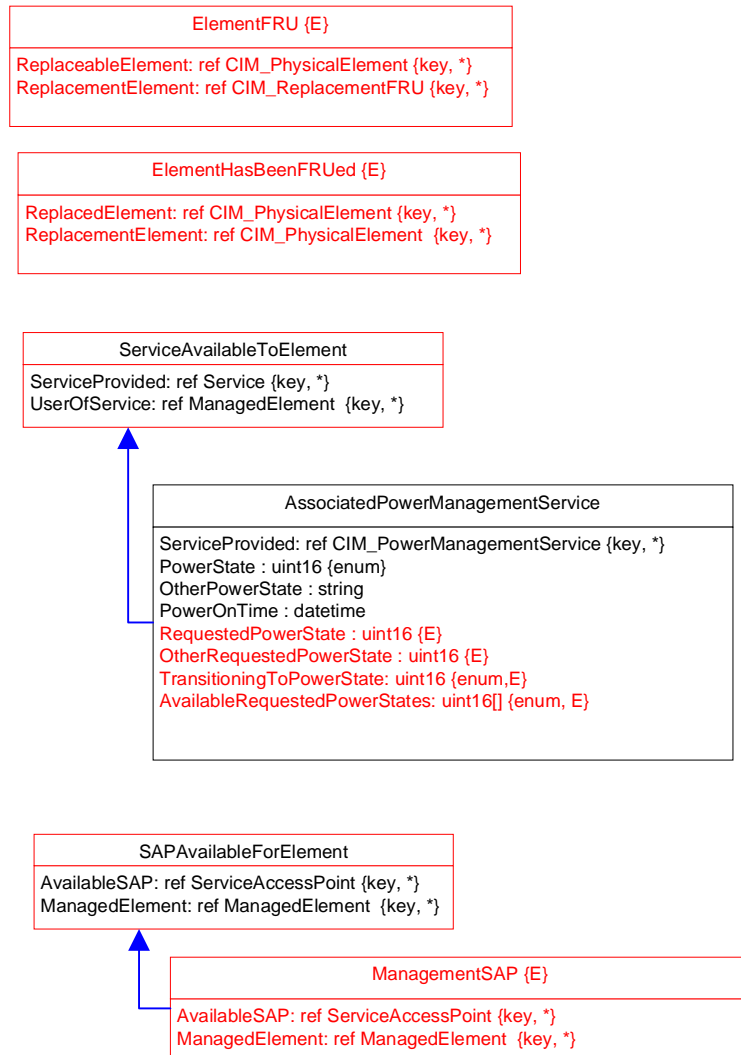
DependencyContext {D}
Context: ref CIM_Configuration {key, *}
Dependency: ref CIM_Dependency {key, *}

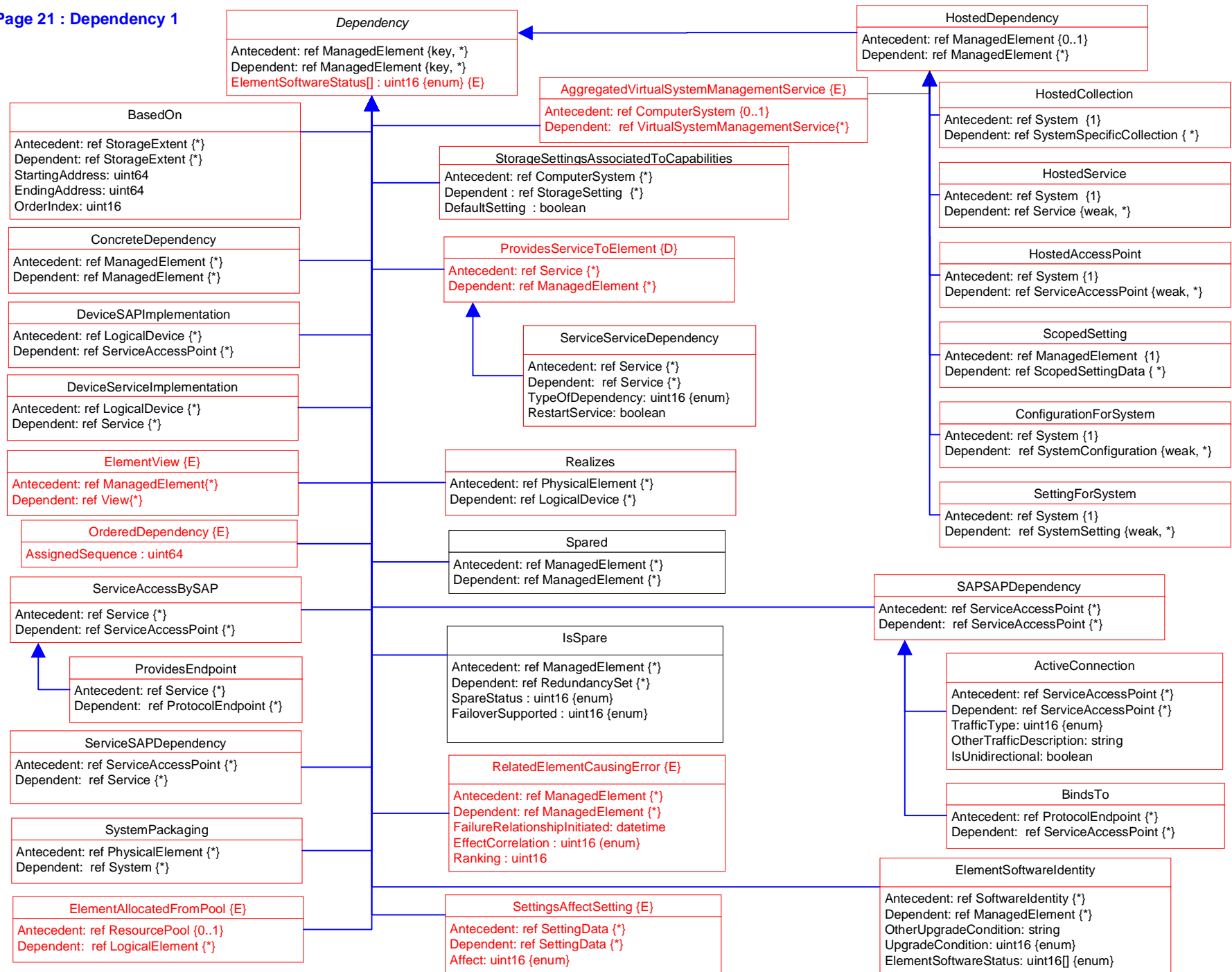
OwningCollectionElement
OwningElement: ref ManagedElement {key, 1}
OwnedElement: ref CIM_Collection {key, *}

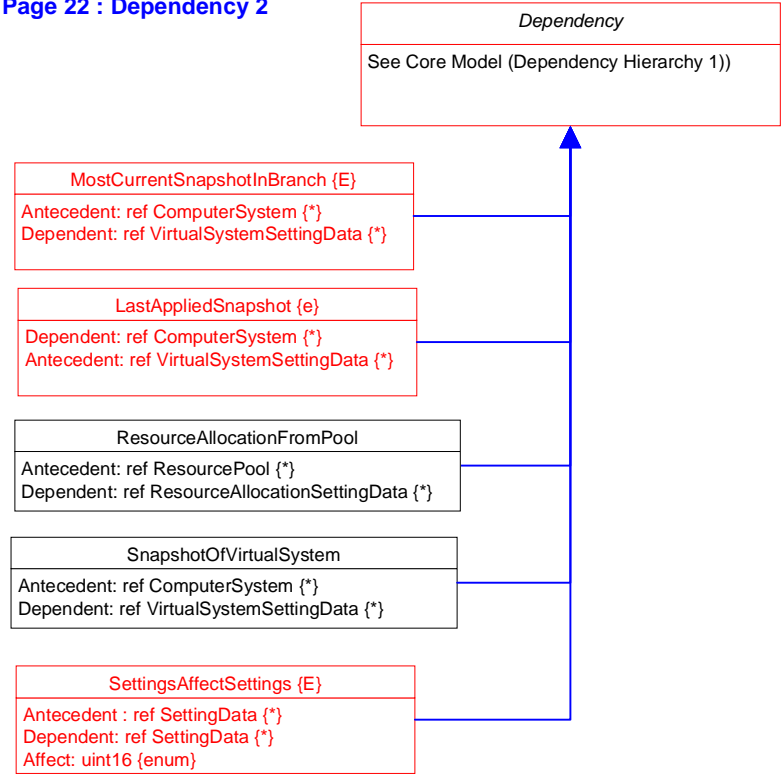
SettingsDefineState
ManagedElement : ref ManagedElement {*}
SettingData: ref SettingData {*}

DeviceStatistics
Stats: ref DeviceStatisticalInformation {weak, *}
Element: ref LogicalDevice {1}
SystemStatistics
Stats: ref SystemStatisticalInformation {weak, *}
Element: ref System {1}
ServiceStatistics
Stats: ref ServiceStatisticalInformation {weak, *}
Element: ref Service {1}
SAPStatistics
Stats: ref SAPStatisticalInformation {weak, *}
Element: ref ServiceAccessPoint {1}
PhysicalStatistics
Stats: ref PhysicalStatisticalInformation {weak, *}
Element: ref PhysicalElement {1}

Page 20 : Association Hierarchy







Page 23 : Aggregation Hierarchy

