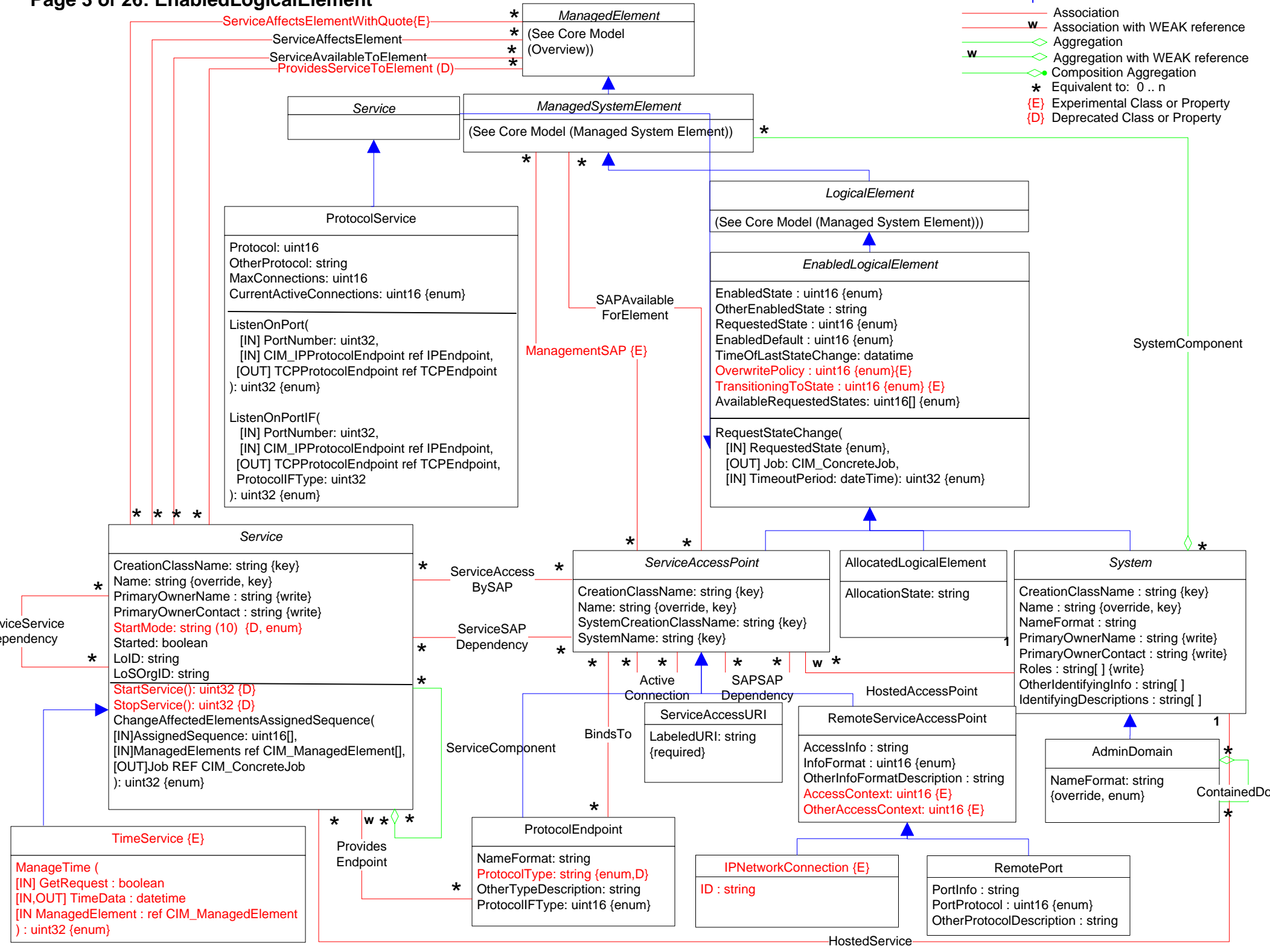
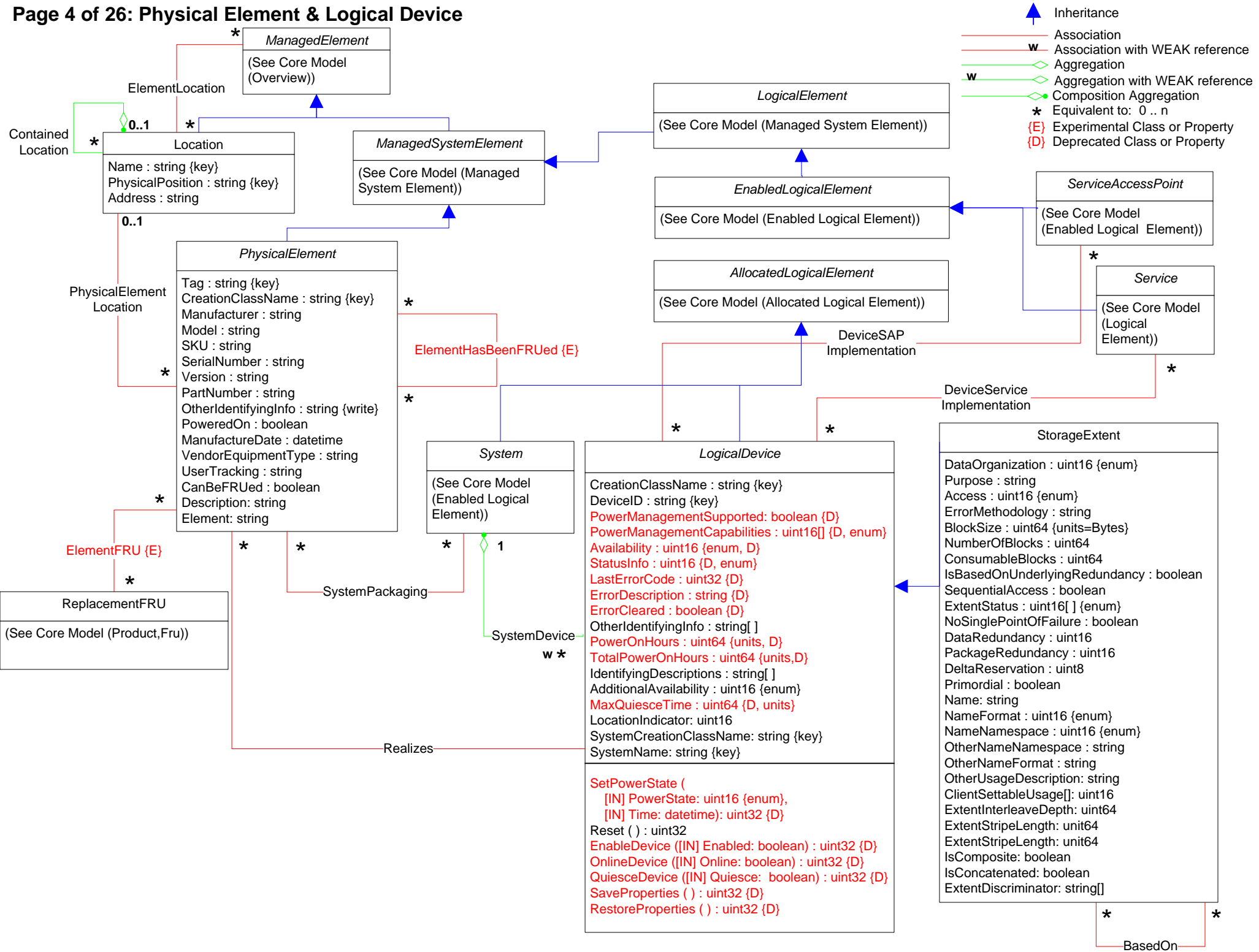


▲ Inheritance

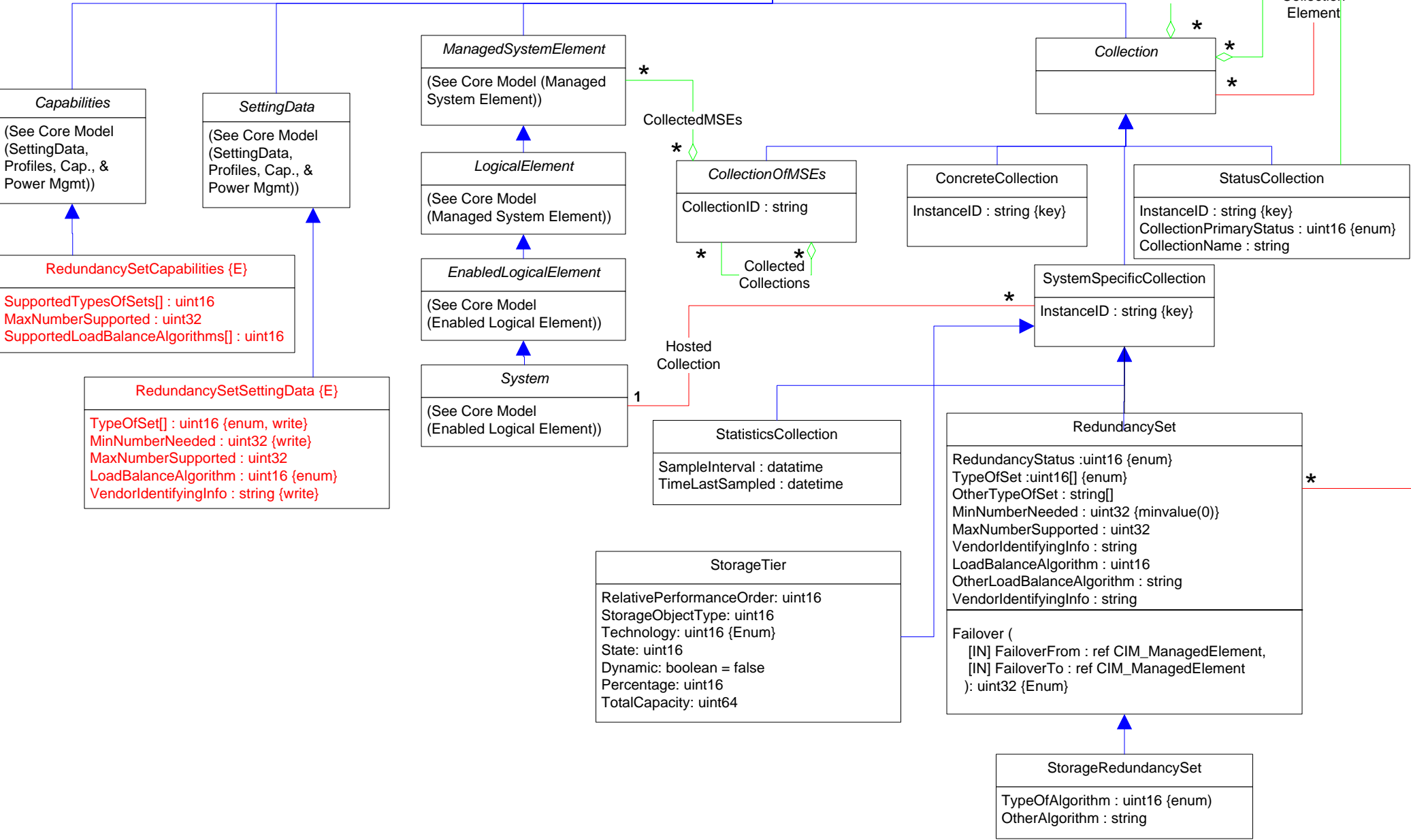
- Association
- w Association with WEAK reference
- ◇ Aggregation
- w◇ Aggregation with WEAK reference
- ◊ Composition Aggregation
- * Equivalent to: 0..n
- {E} Experimental Class or Property
- {D} Deprecated Class or Property














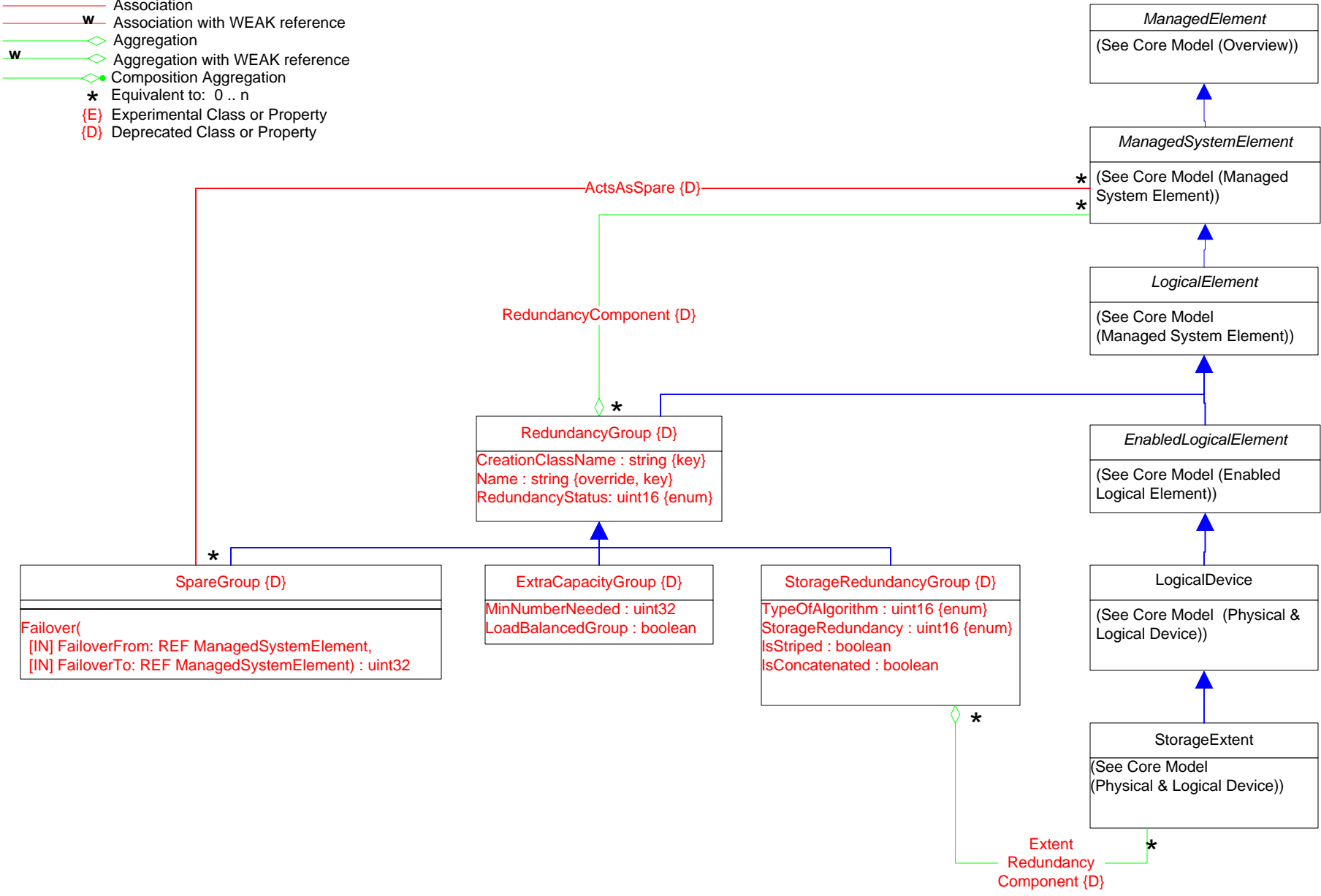
Page 5 of 26: Collections/RedundancySet

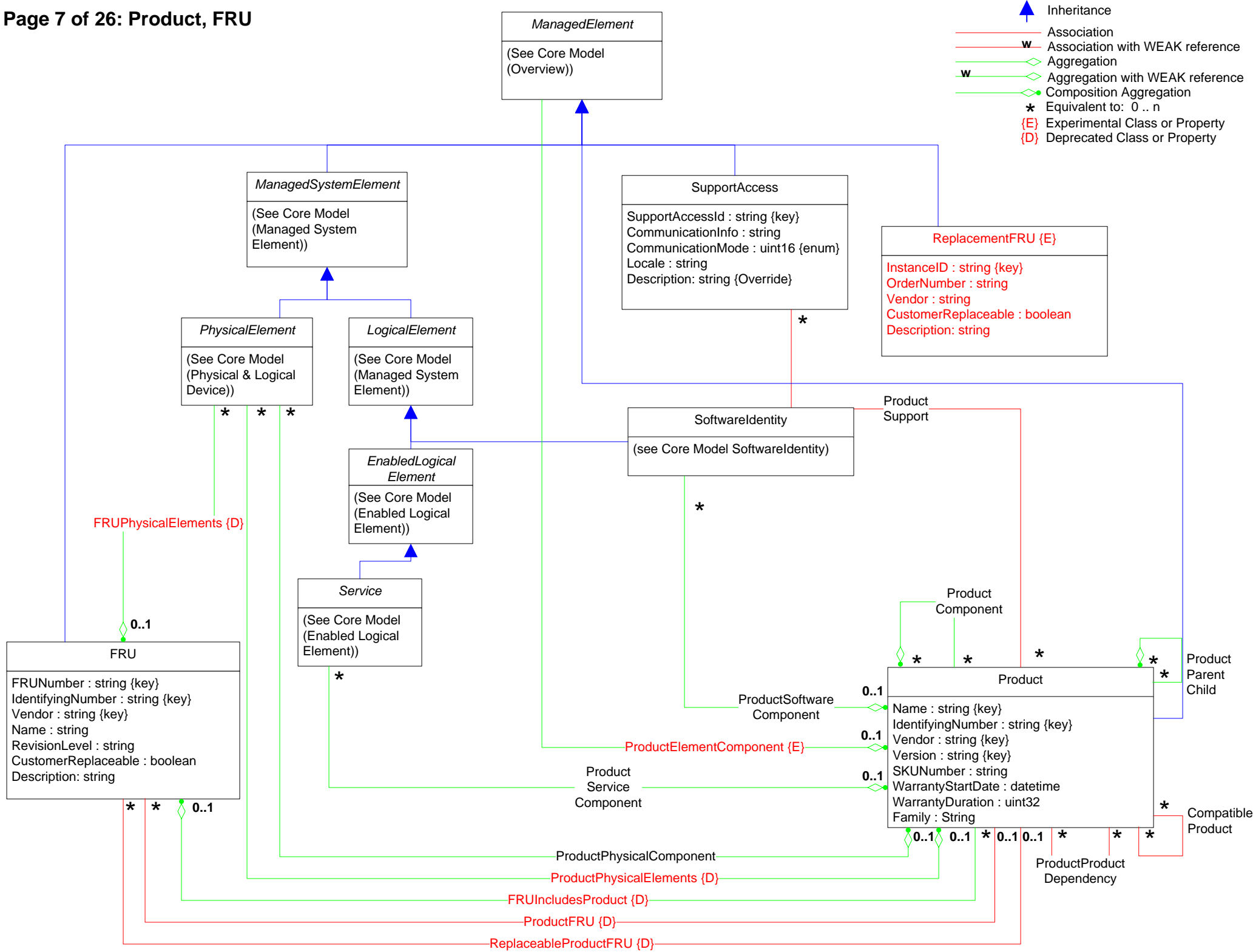
- Inheritance
- Association
- Association with WEAK reference
- Aggregation
- Aggregation with WEAK reference
- Composition Aggregation
- Equivalent to: 0..n
- Experimental Class or Property
- Deprecated Class or Property

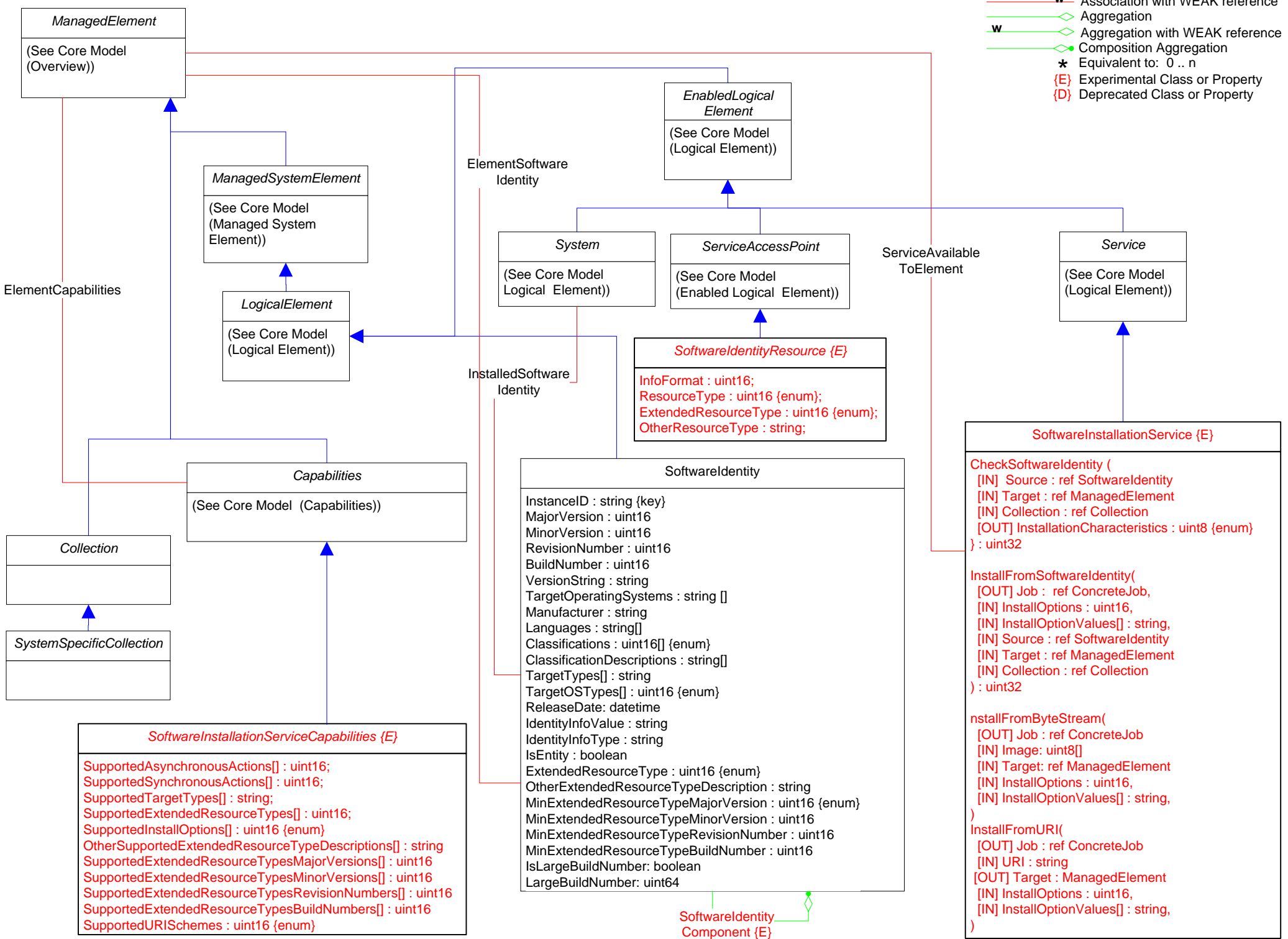
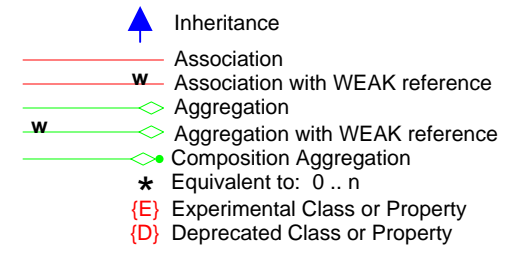


Page 6 of 26: Redundancy Group

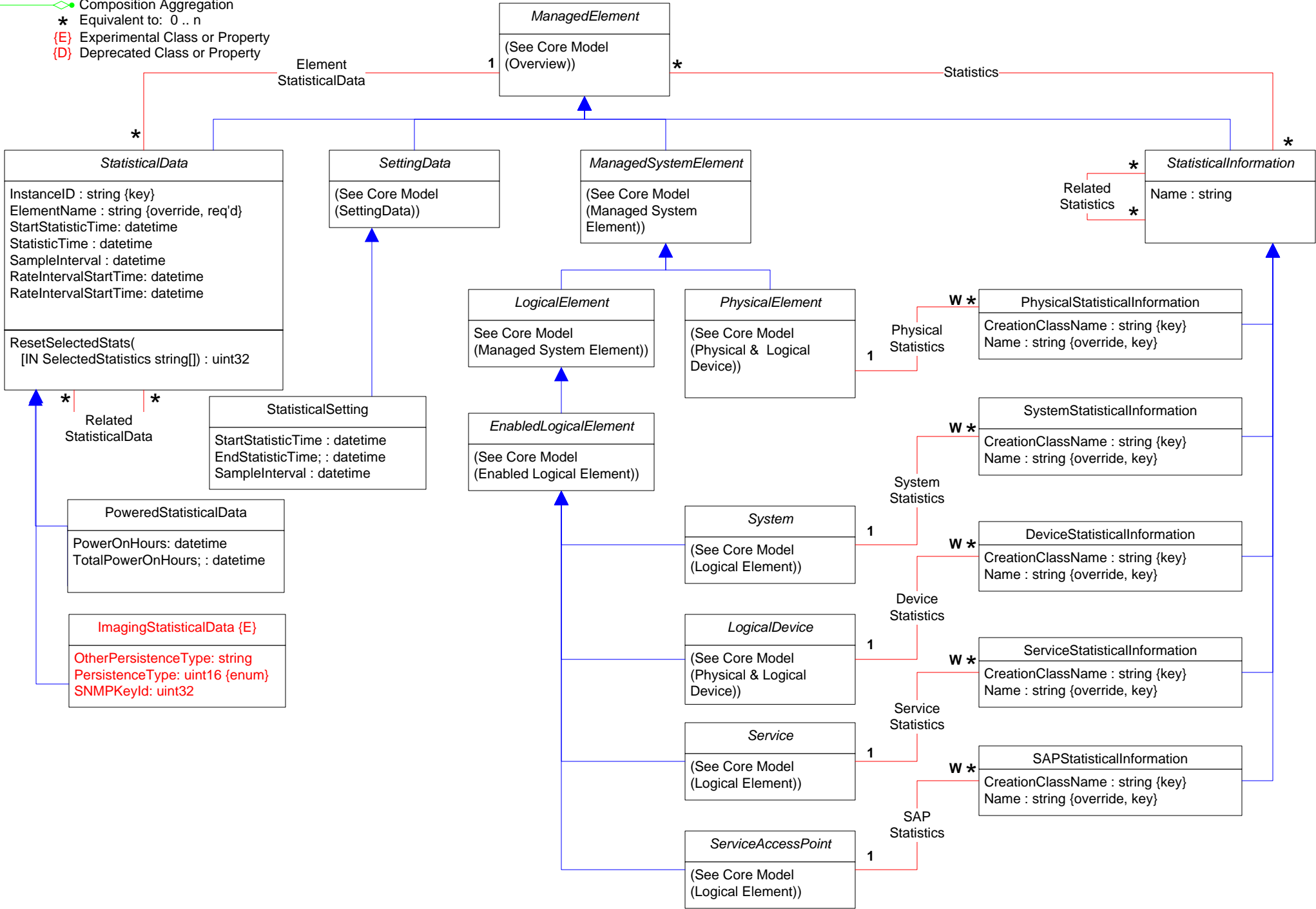
-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0 .. n
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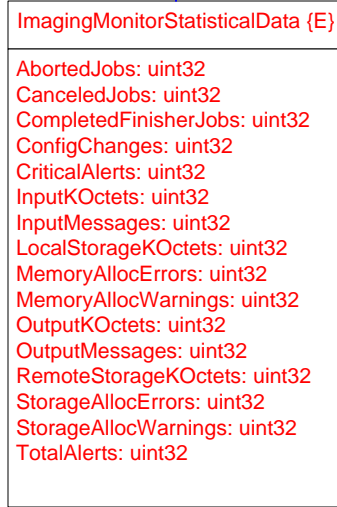
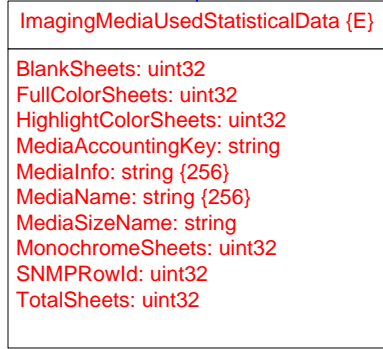
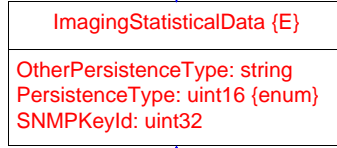
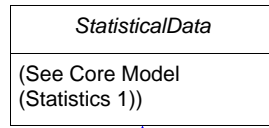


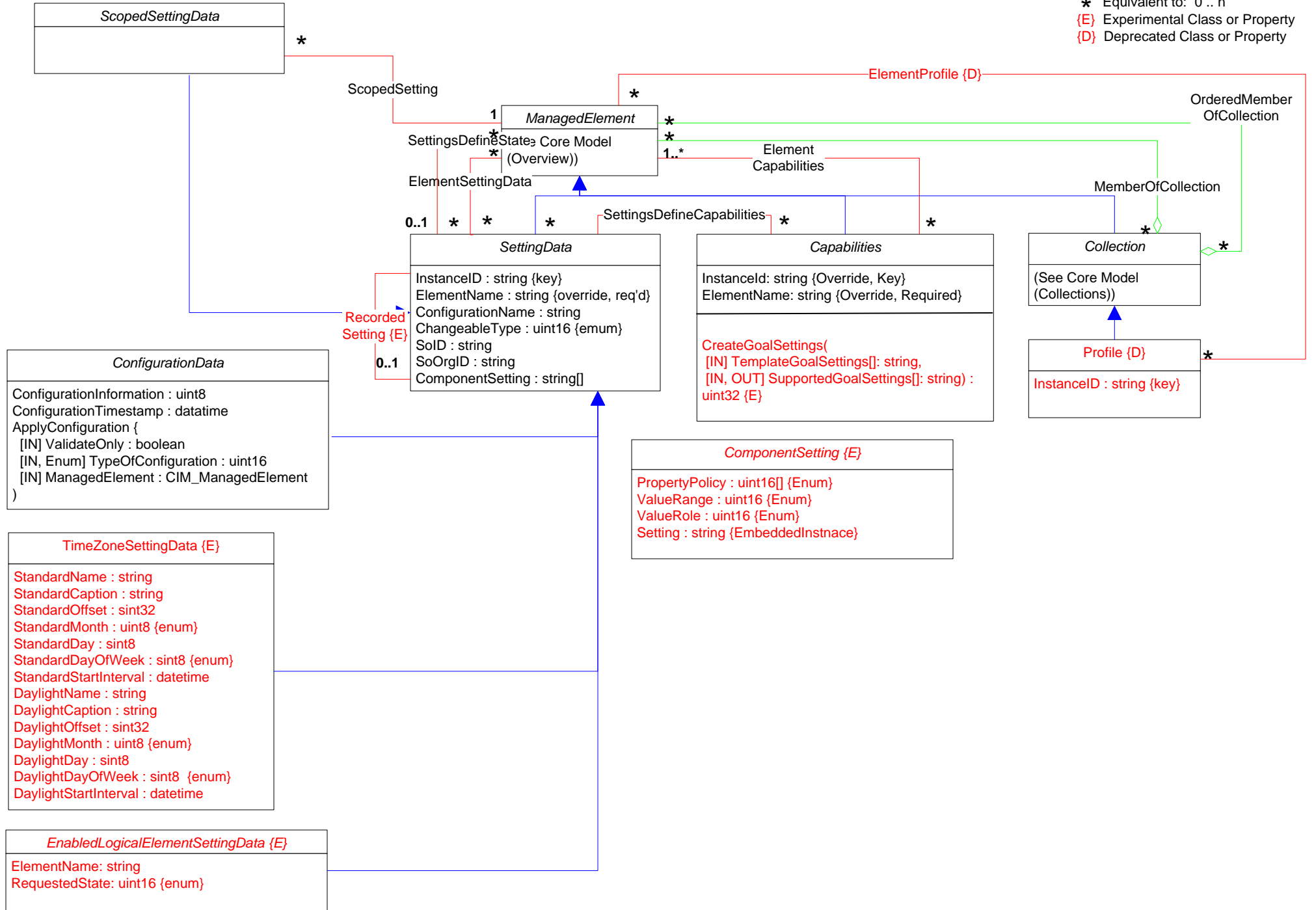
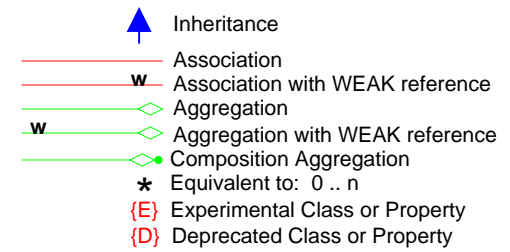


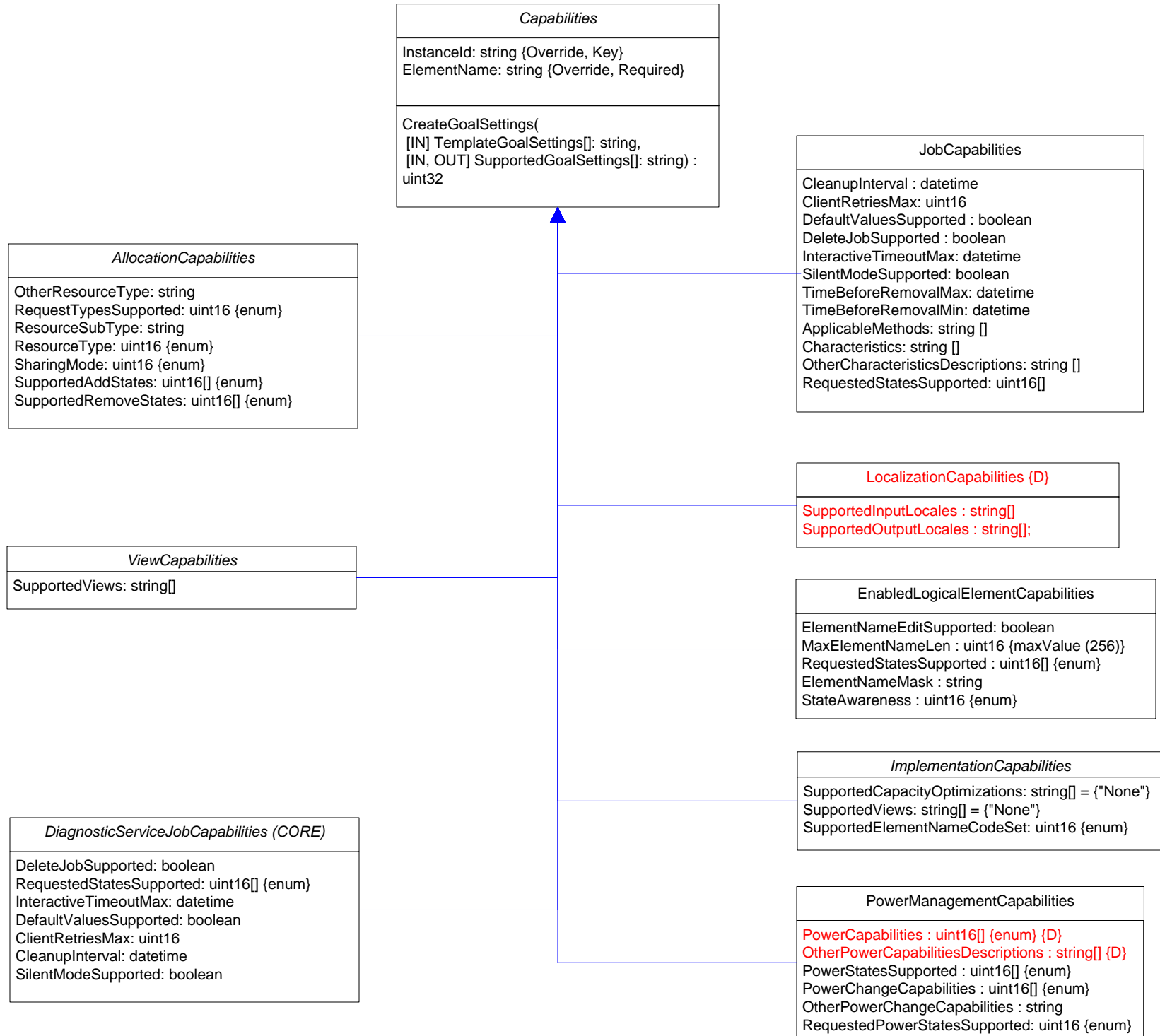
- Inheritance
- Association
- Association with WEAK reference
- Aggregation
- Aggregation with WEAK reference
- Composition Aggregation
- Equivalent to: 0..n
- Experimental Class or Property
- Deprecated Class or Property












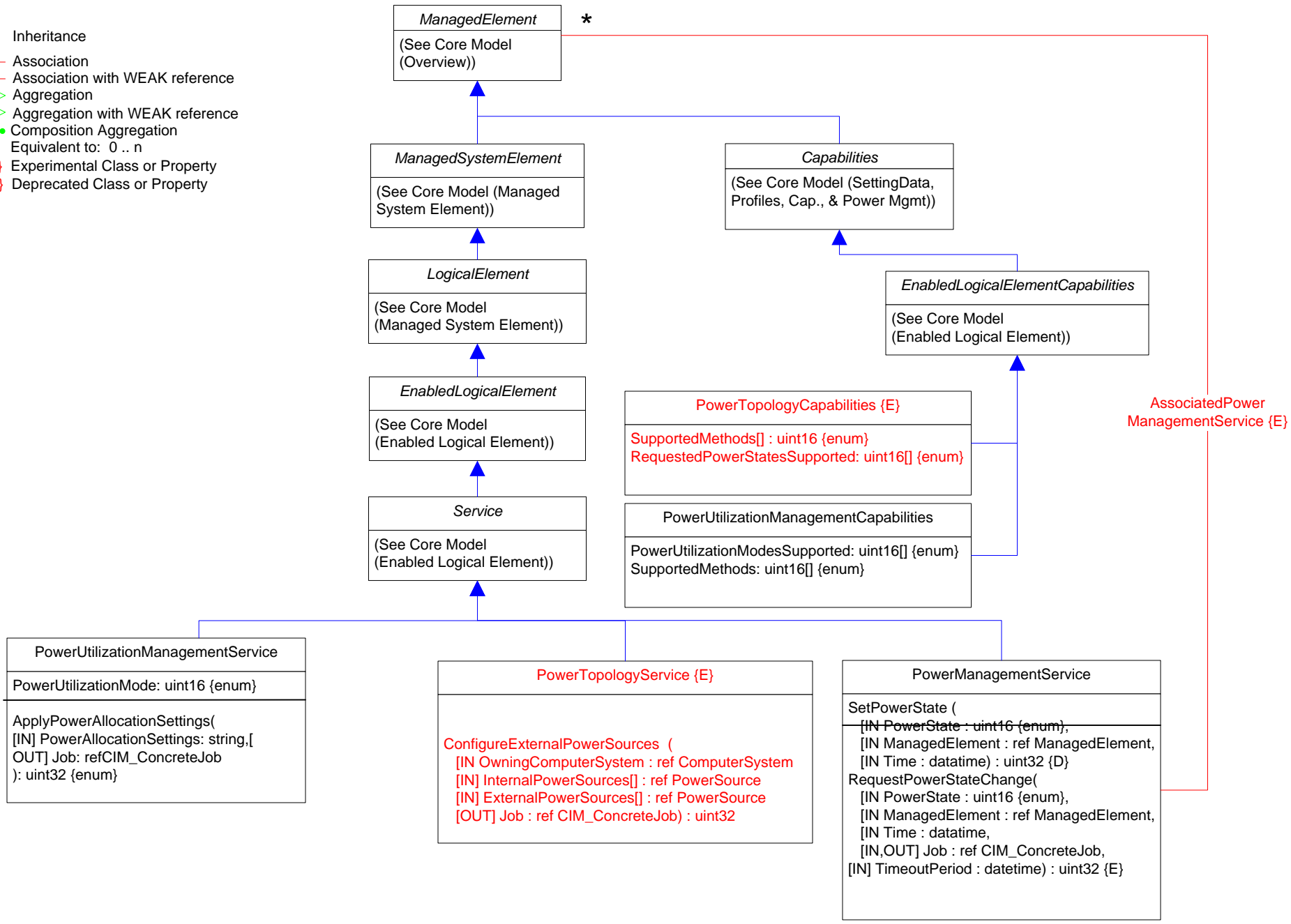
-  Inheritance
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-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0 .. n
- {E} Experimental Class or Property
- {D} Deprecated Class or Property

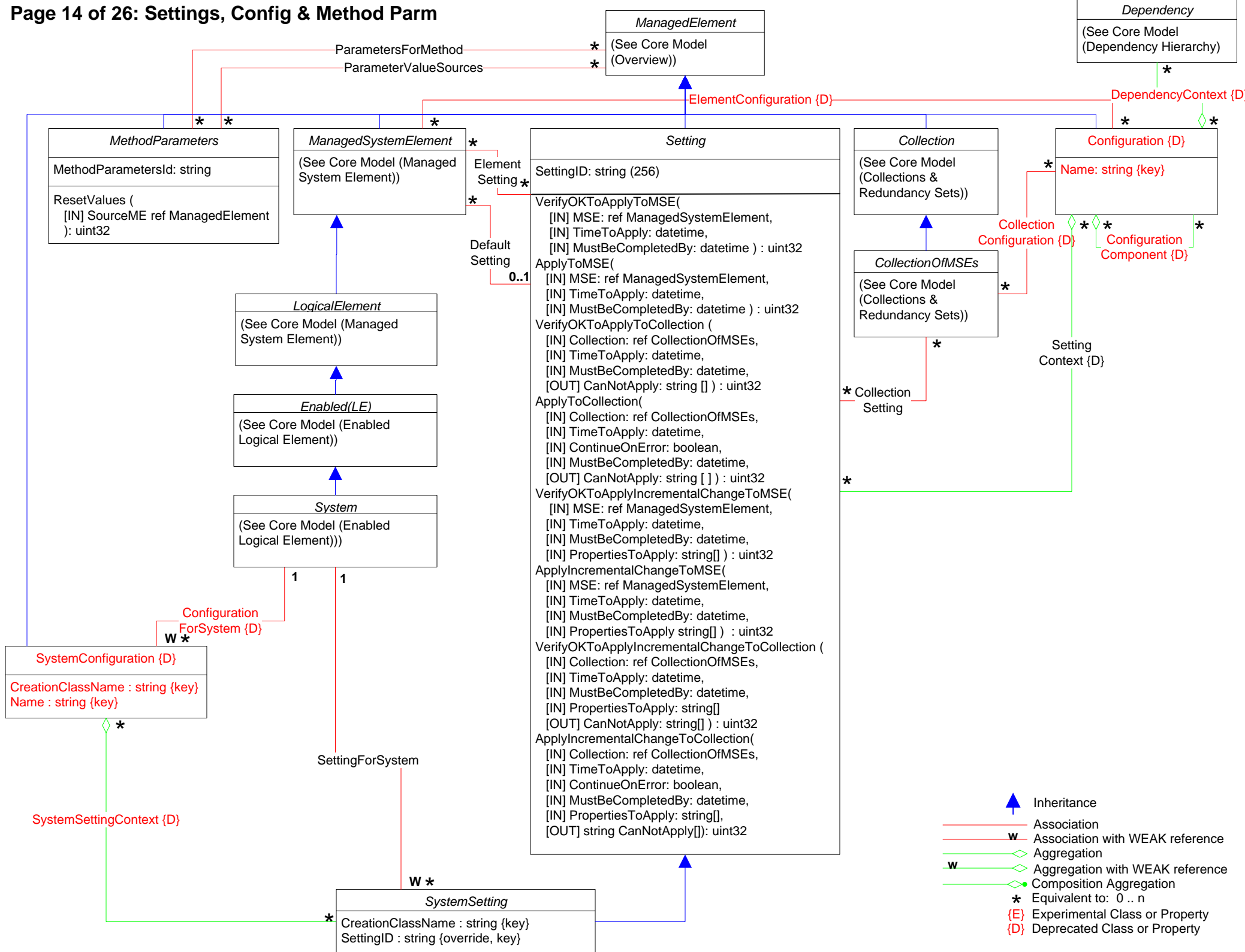


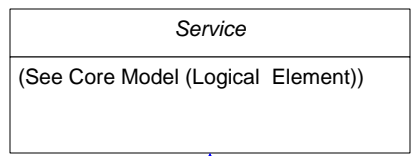
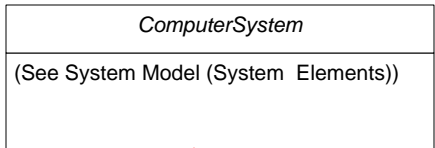
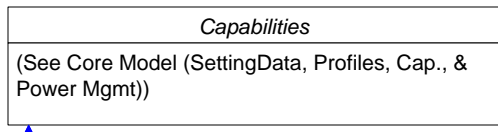
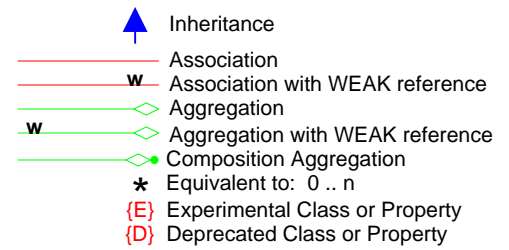




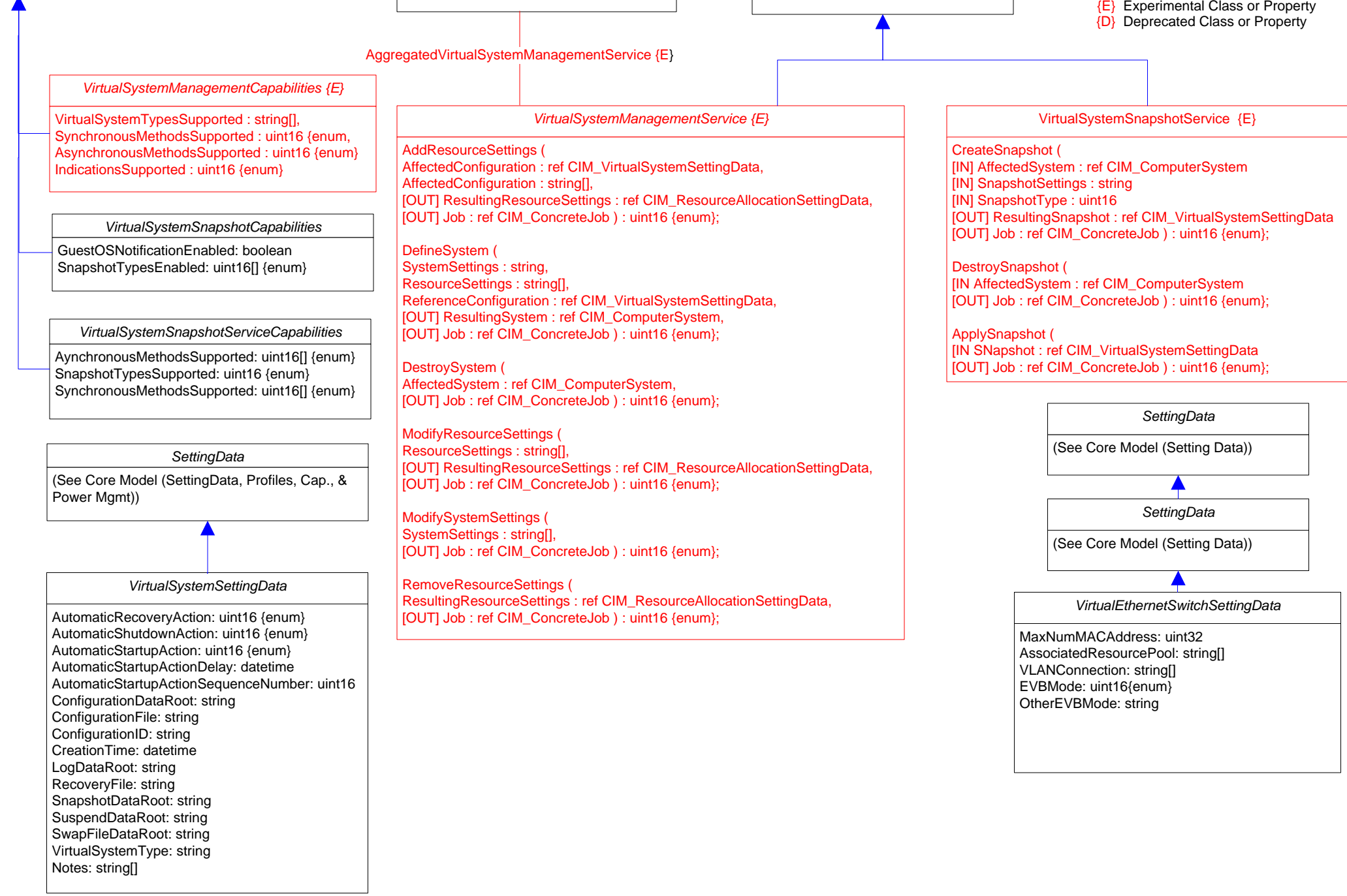
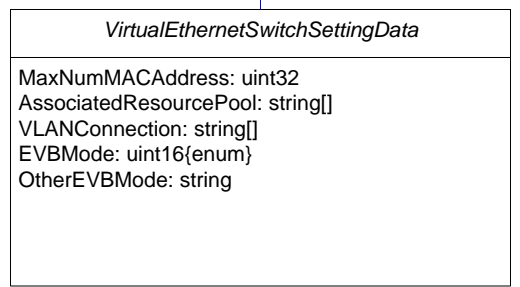
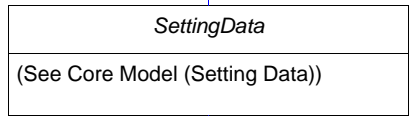
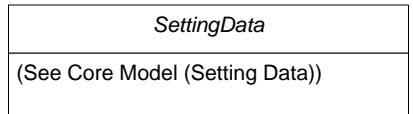
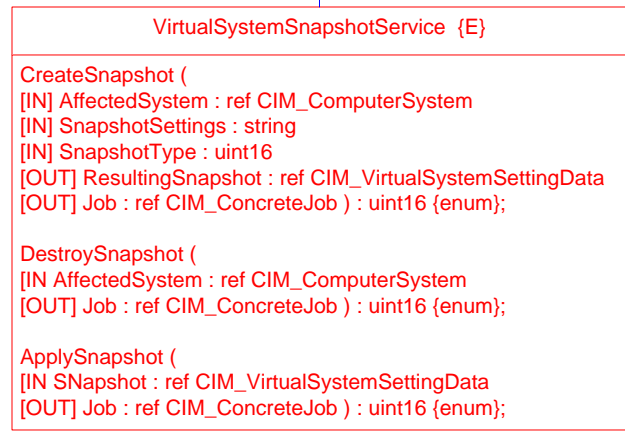
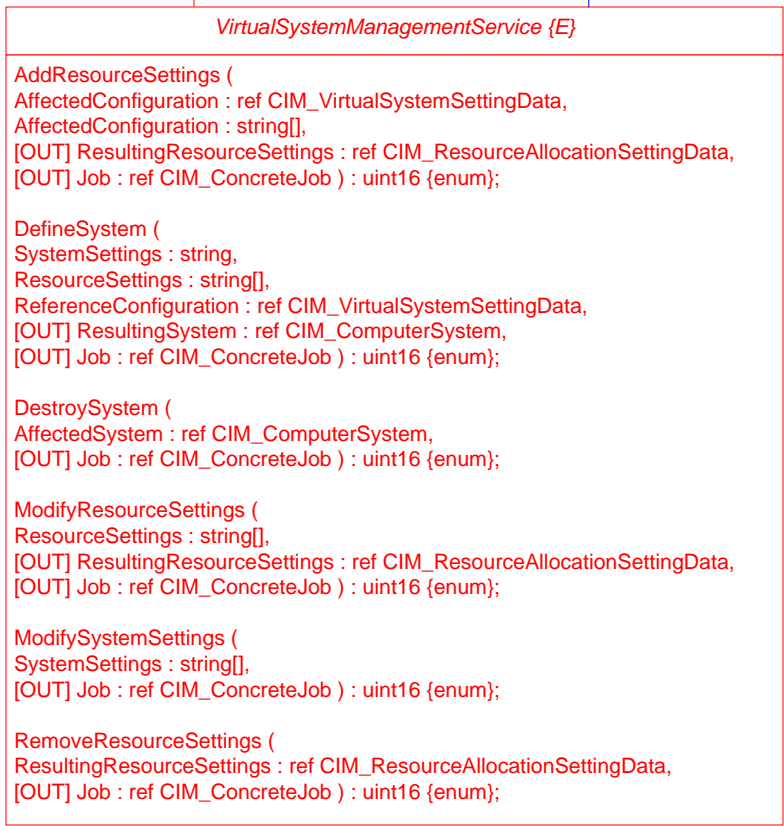
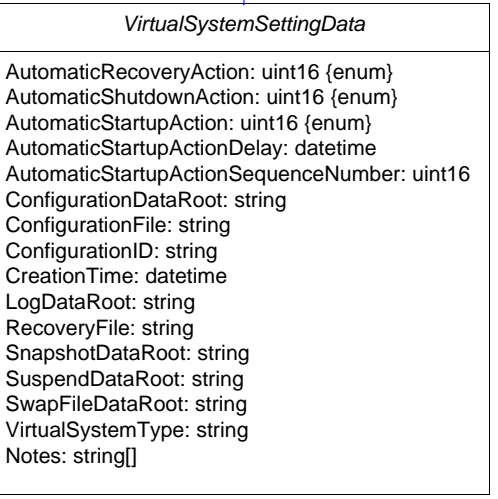
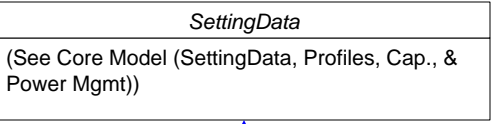
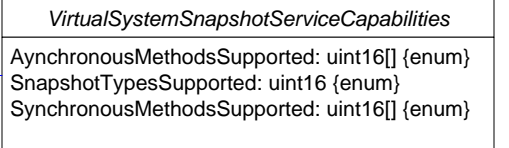
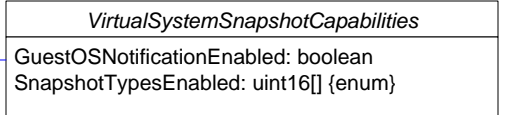
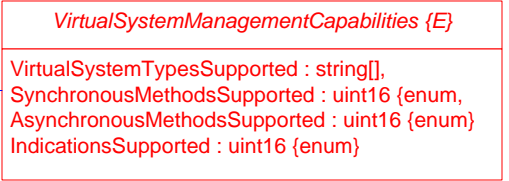
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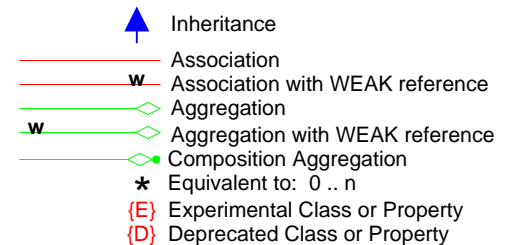
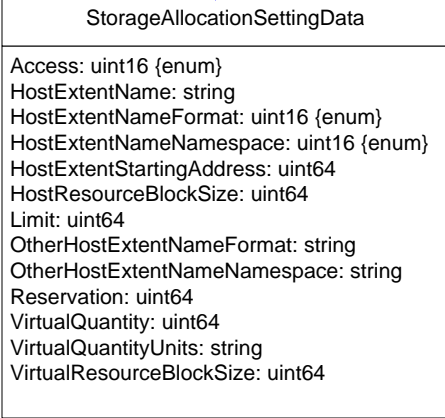
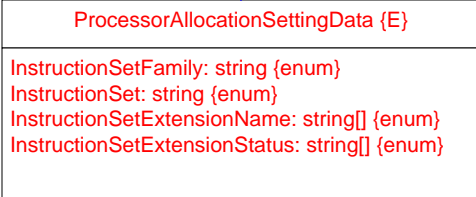
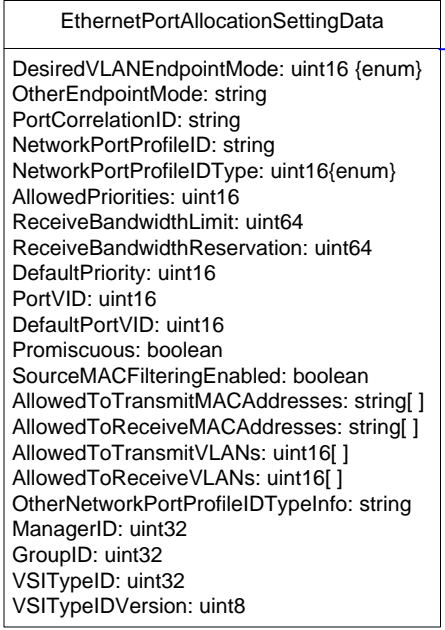
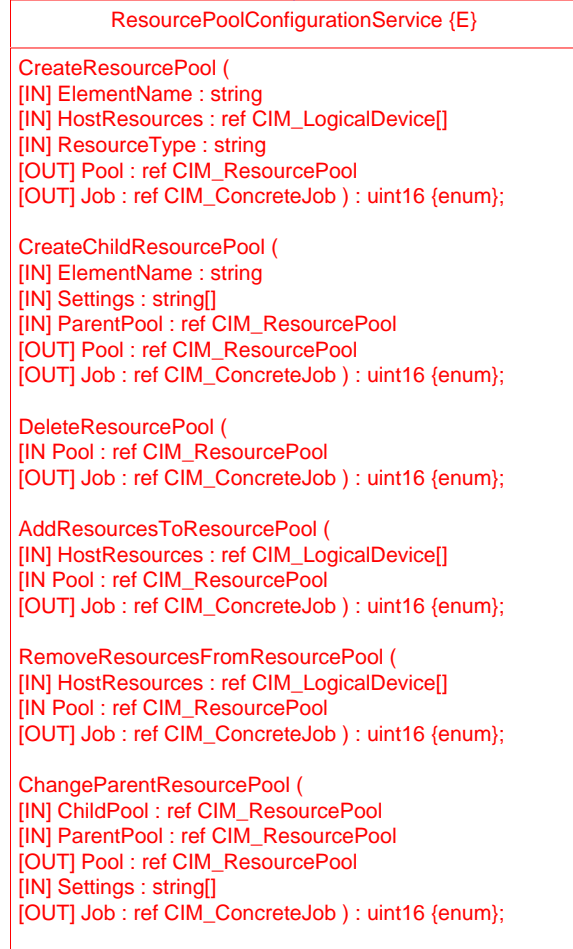
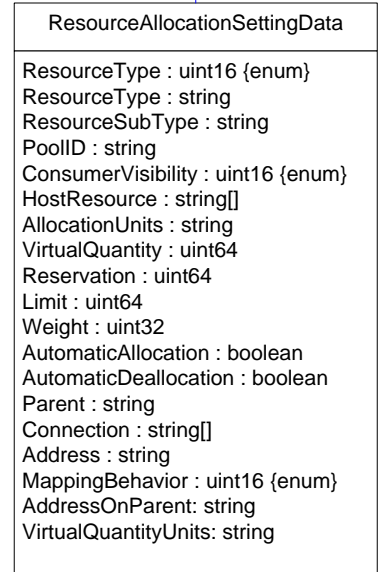
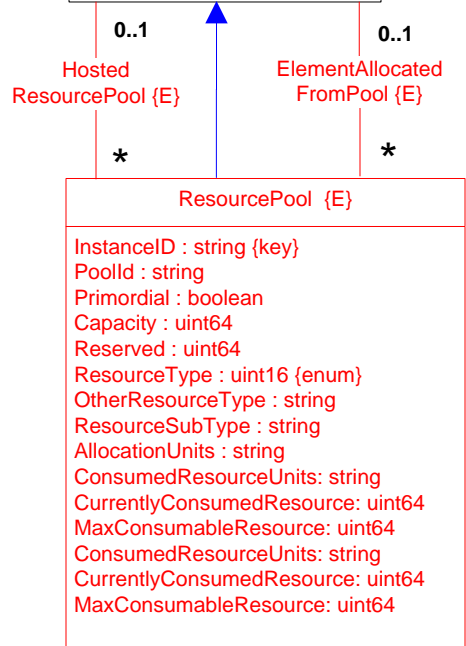
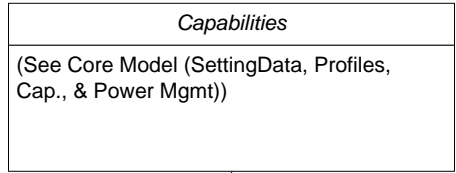
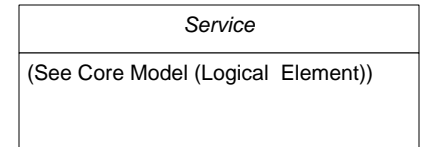
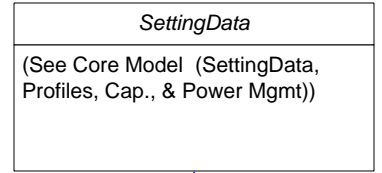
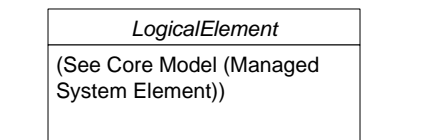
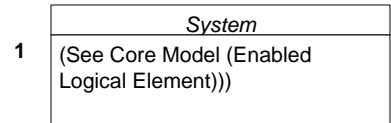













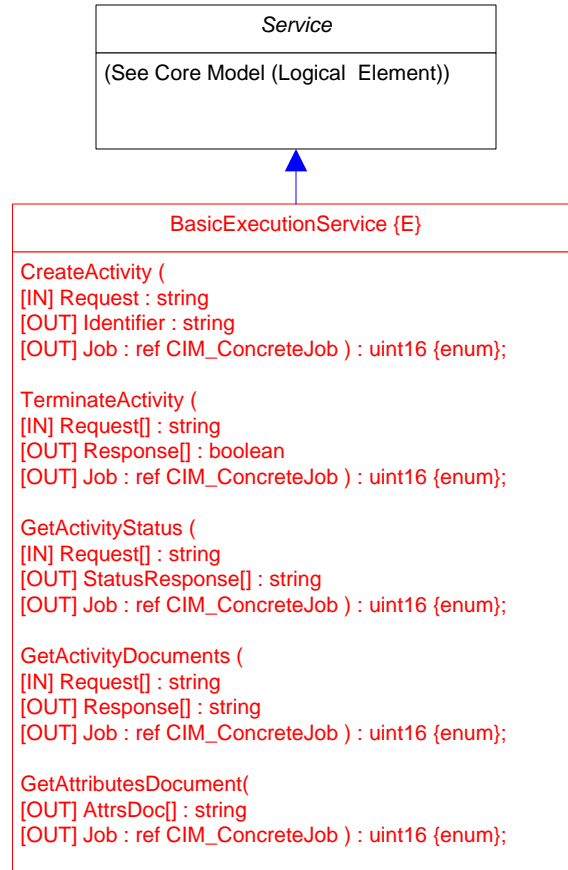











AggregatedVirtualSystemManagementService {E}

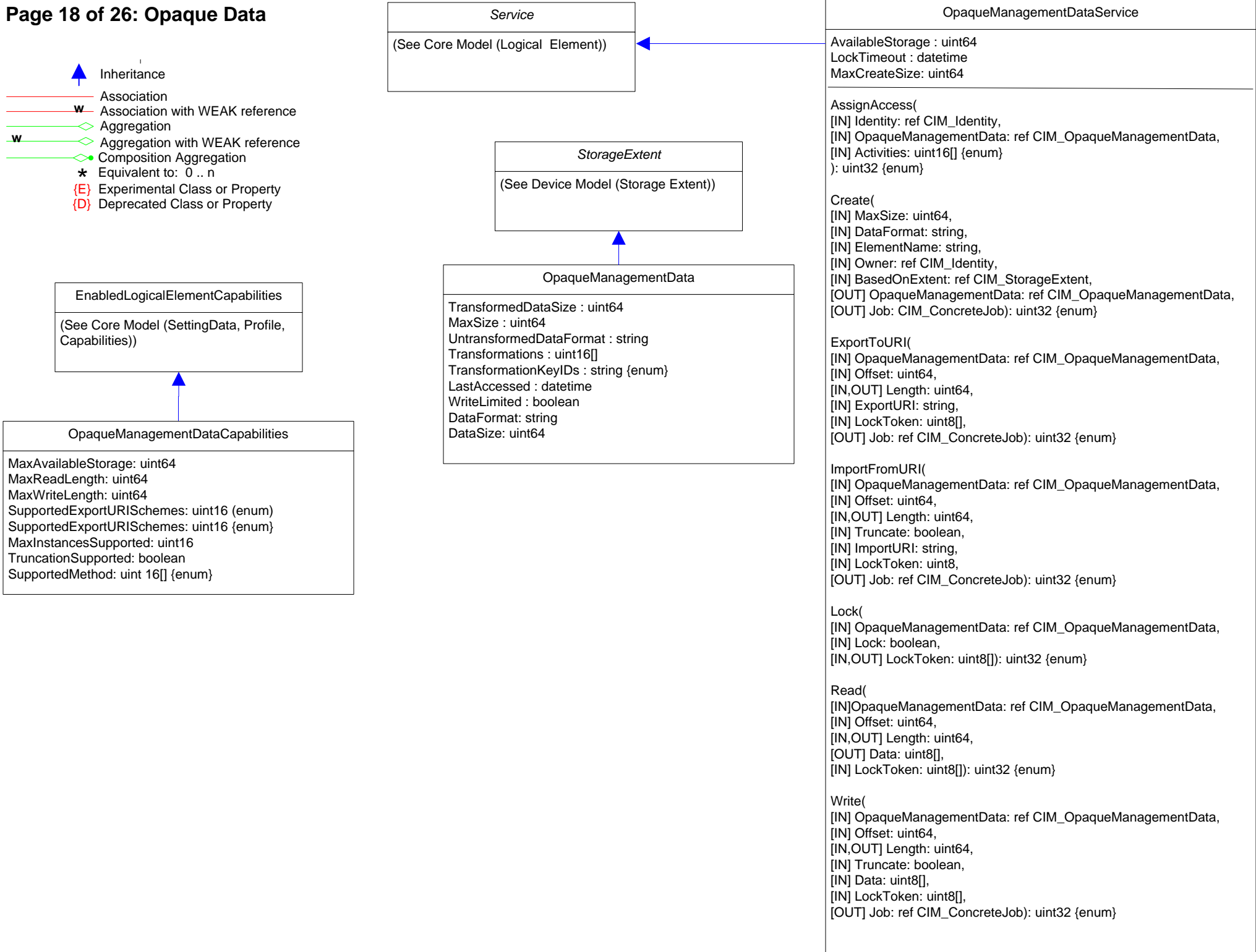




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EnabledLogicalElementCapabilities
(See Core Model (SettingData, Profile, Capabilities))

OpaqueManagementDataCapabilities

MaxAvailableStorage: uint64
 MaxReadLength: uint64
 MaxWriteLength: uint64
 SupportedExportURISchemes: uint16 {enum}
 SupportedExportURISchemes: uint16 {enum}
 MaxInstancesSupported: uint16
 TruncationSupported: boolean
 SupportedMethod: uint 16[] {enum}

Service
(See Core Model (Logical Element))

StorageExtent
(See Device Model (Storage Extent))

OpaqueManagementData

TransformedDataSize : uint64
 MaxSize : uint64
 UntransformedDataFormat : string
 Transformations : uint16[]
 TransformationKeyIDs : string {enum}
 LastAccessed : datetime
 WriteLimited : boolean
 DataFormat : string
 DataSize: uint64

OpaqueManagementDataService

AvailableStorage : uint64
 LockTimeout : datetime
 MaxCreateSize: uint64

AssignAccess(
 [IN] Identity: ref CIM_Identity,
 [IN] OpaqueManagementData: ref CIM_OpaqueManagementData,
 [IN] Activities: uint16[] {enum}
): uint32 {enum}

Create(
 [IN] MaxSize: uint64,
 [IN] DataFormat: string,
 [IN] ElementName: string,
 [IN] Owner: ref CIM_Identity,
 [IN] BasedOnExtent: ref CIM_StorageExtent,
 [OUT] OpaqueManagementData: ref CIM_OpaqueManagementData,
 [OUT] Job: CIM_ConcreteJob): uint32 {enum}










ExportToURI(
 [IN] OpaqueManagementData: ref CIM_OpaqueManagementData,
 [IN] Offset: uint64,
 [IN,OUT] Length: uint64,
 [IN] ExportURI: string,
 [IN] LockToken: uint8[],
 [OUT] Job: ref CIM_ConcreteJob): uint32 {enum}

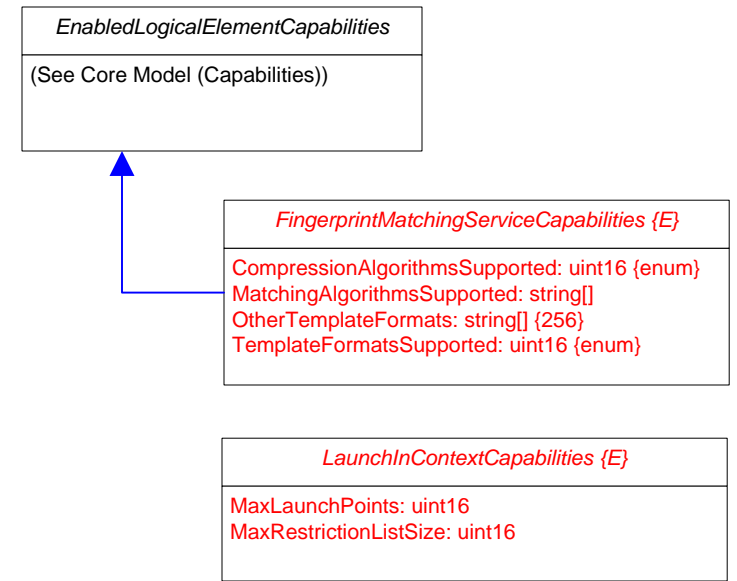
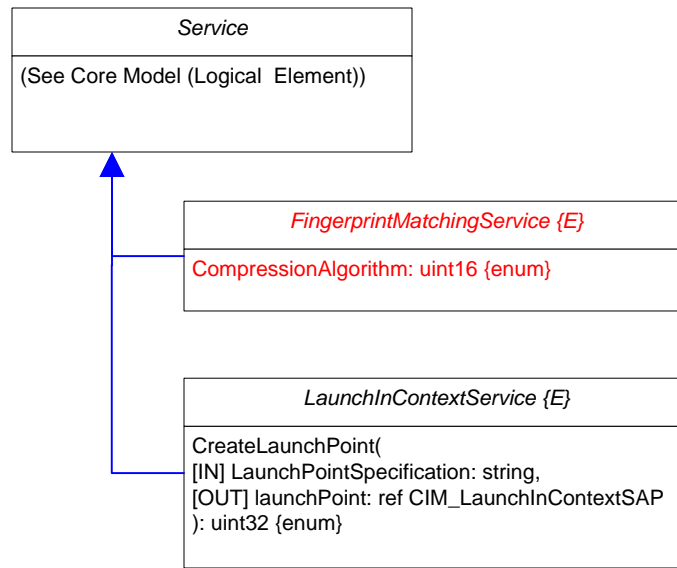
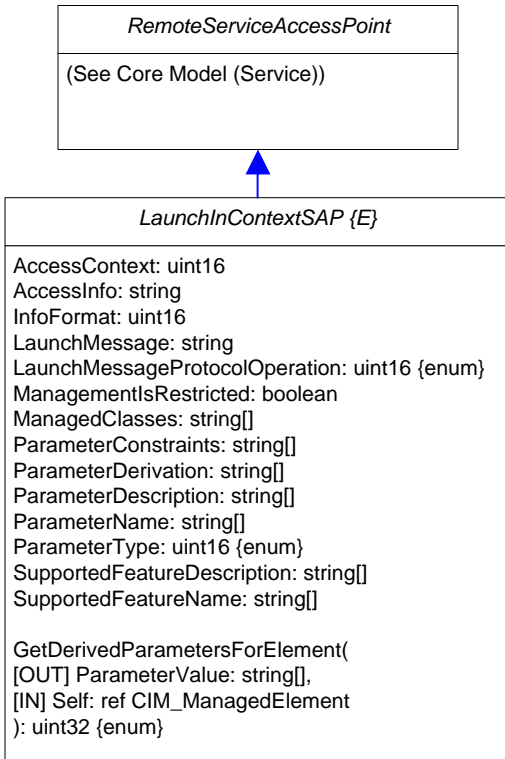
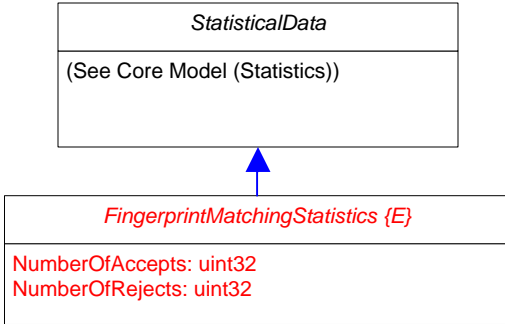
ImportFromURI(
 [IN] OpaqueManagementData: ref CIM_OpaqueManagementData,
 [IN] Offset: uint64,
 [IN,OUT] Length: uint64,
 [IN] Truncate: boolean,
 [IN] ImportURI: string,
 [IN] LockToken: uint8,
 [OUT] Job: ref CIM_ConcreteJob): uint32 {enum}

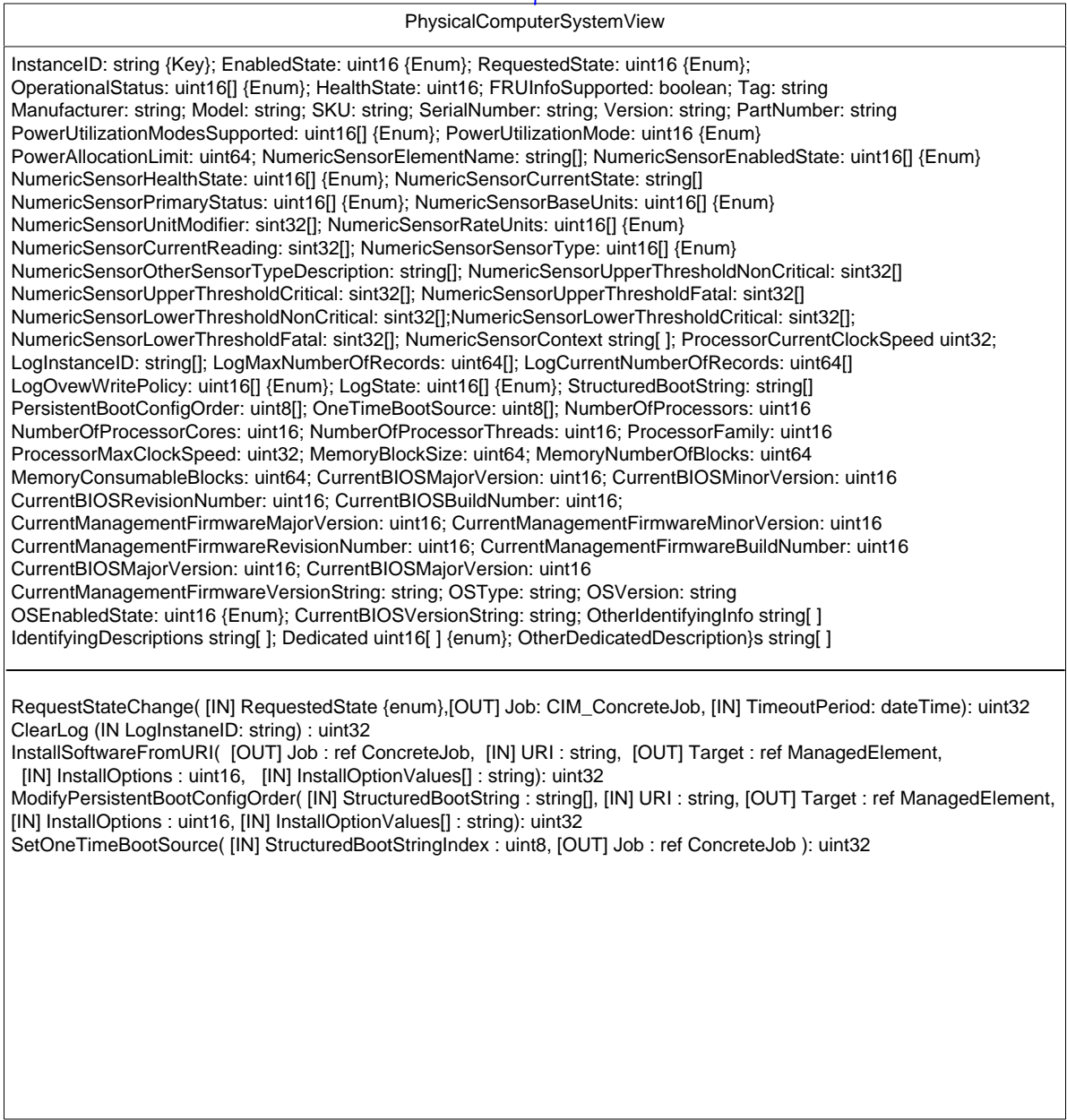
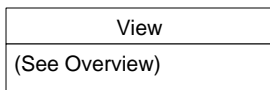
Lock(
 [IN] OpaqueManagementData: ref CIM_OpaqueManagementData,
 [IN] Lock: boolean,
 [IN,OUT] LockToken: uint8[]): uint32 {enum}

Read(
 [IN] OpaqueManagementData: ref CIM_OpaqueManagementData,
 [IN] Offset: uint64,
 [IN,OUT] Length: uint64,
 [OUT] Data: uint8[],
 [IN] LockToken: uint8[]): uint32 {enum}

Write(
 [IN] OpaqueManagementData: ref CIM_OpaqueManagementData,
 [IN] Offset: uint64,
 [IN,OUT] Length: uint64,
 [IN] Truncate: boolean,
 [IN] Data: uint8[],
 [IN] LockToken: uint8[],
 [OUT] Job: ref CIM_ConcreteJob): uint32 {enum}

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Page 21 of 26: 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 Collection {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}

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, *}

ConcreteIdentity
 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, *}
 Descriptor: string

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

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

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

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}

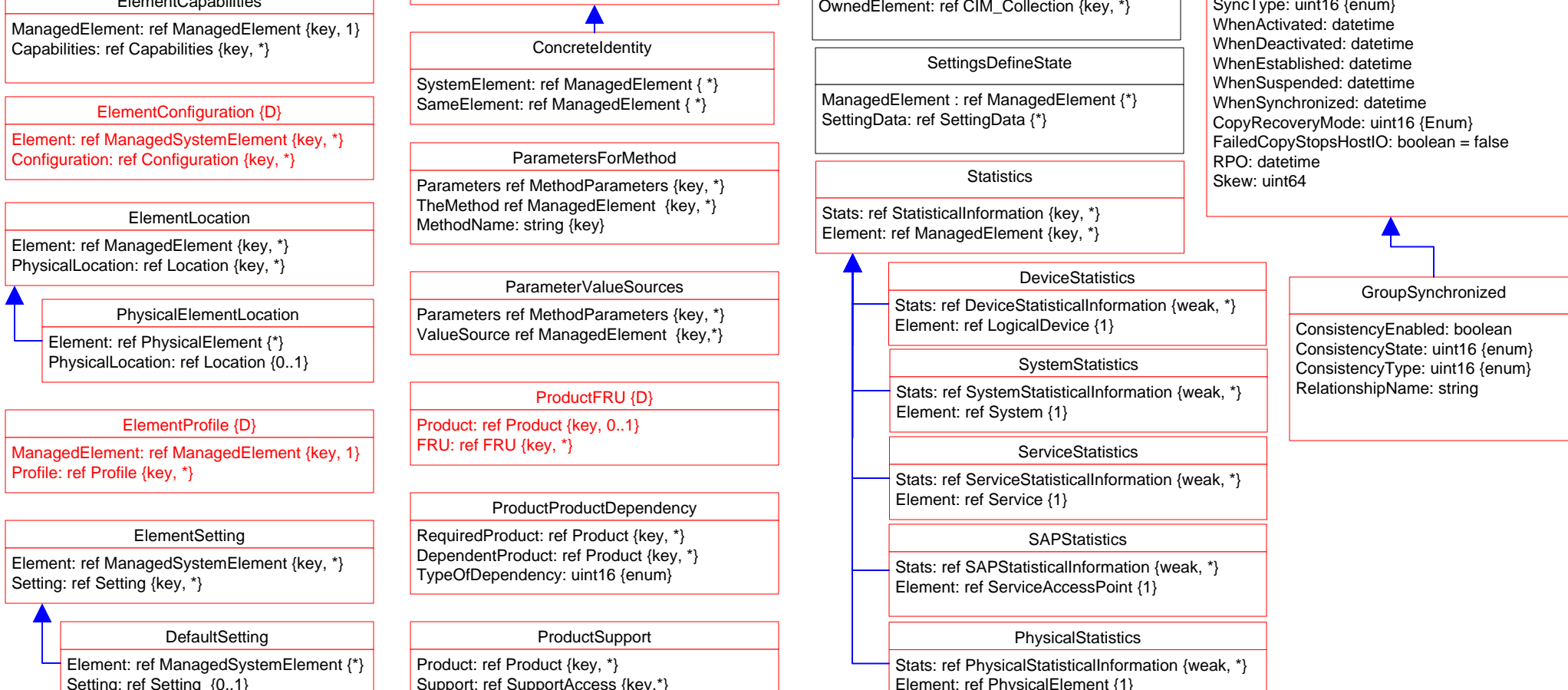
PhysicalStatistics
 Stats: ref PhysicalStatisticalInformation {weak, *}
 Element: ref PhysicalElement {1}

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

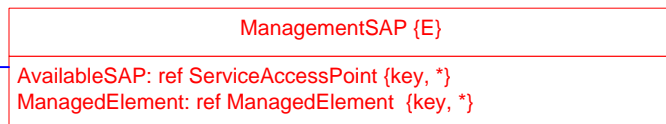
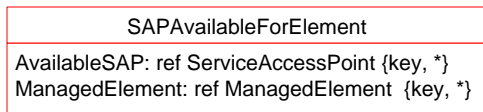
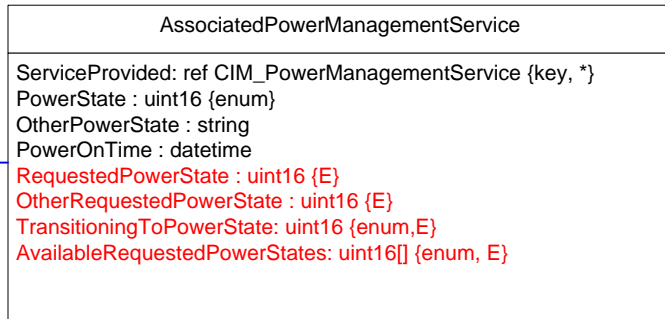
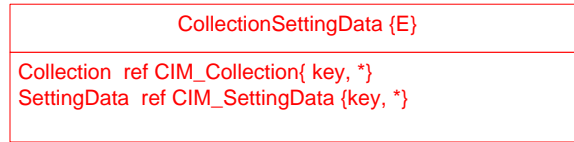
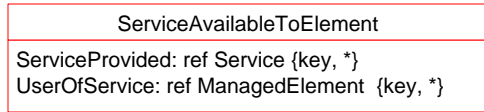
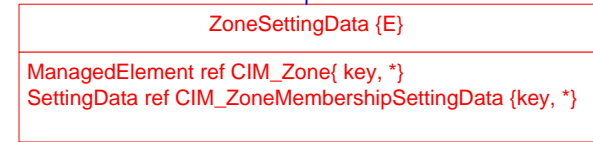
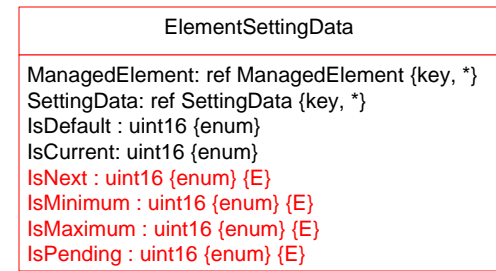
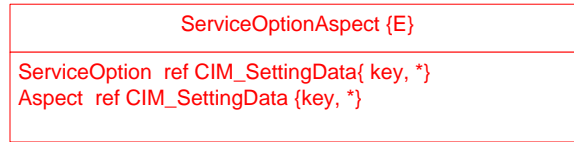
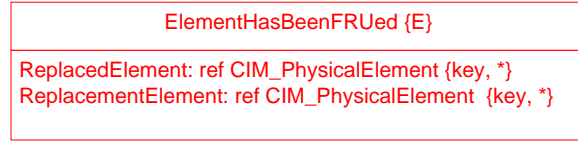
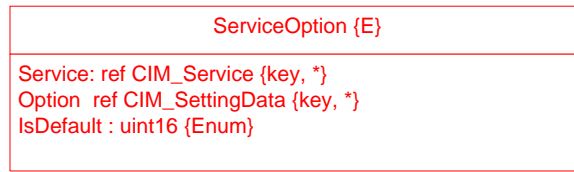
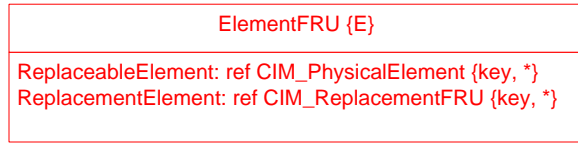
ServiceAffectsElementWithQuota {E}
 Quota: uint16
 QuotaUsed: uint16
 QuotaUnits: string

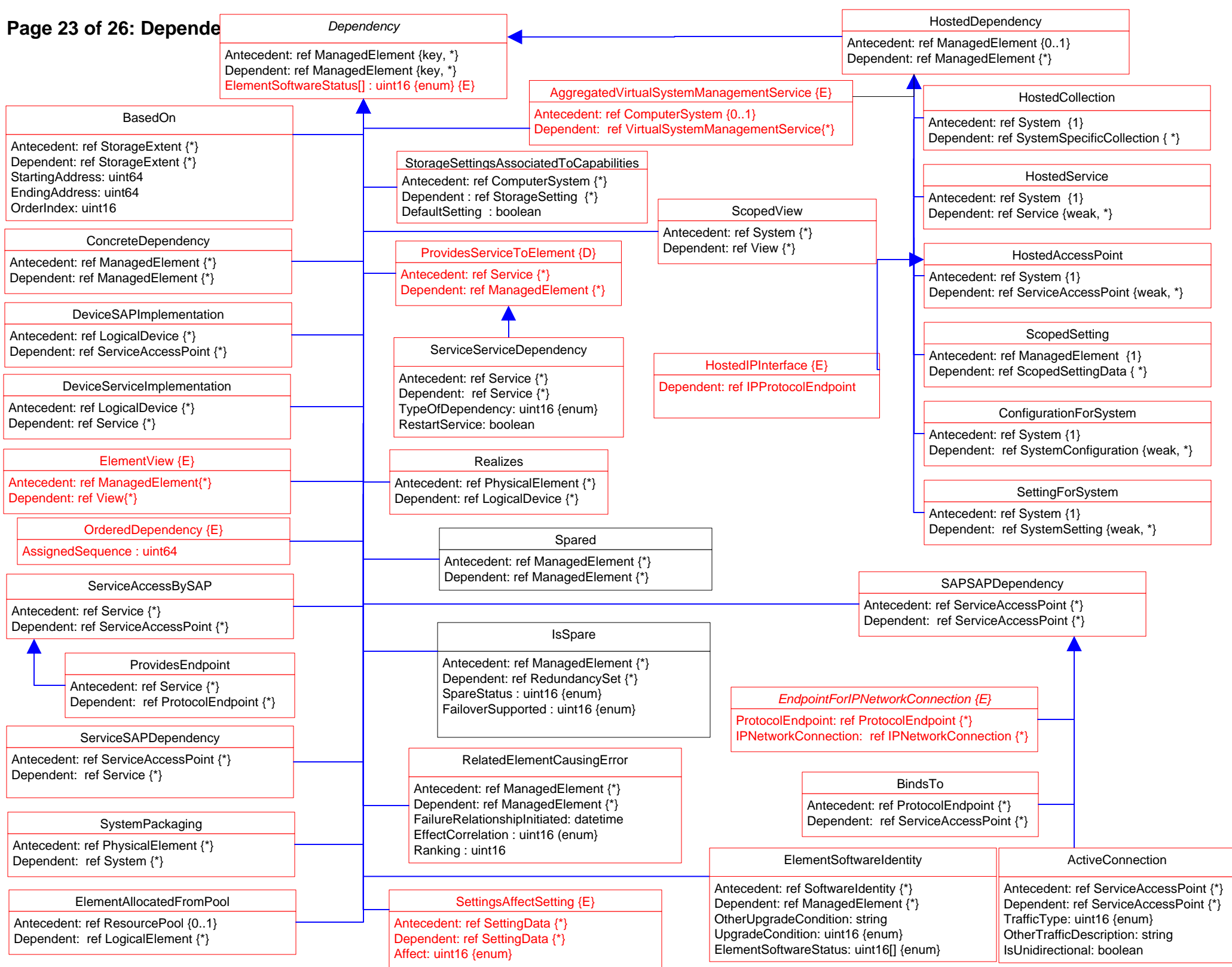
Synchronized
 SystemElement: ref ManagedElement {key, *}
 SyncedElement: ref ManagedElement {key, *}
 WhenSynced: datetime
 SyncMaintained: boolean
 CopyState: uint16
 Mode: uint16
 PercentSynced: uint16
 ProgressStatus: uint16
 RequestedCopyState: uint16
 SyncType: uint16 {enum}
 WhenActivated: datetime
 WhenDeactivated: datetime
 WhenEstablished: datetime
 WhenSuspended: datetime
 WhenSynchronized: datetime
 CopyRecoveryMode: uint16 {Enum}
 FailedCopyStopsHostIO: boolean = false
 RPO: datetime
 Skew: uint64

GroupSynchronized
 ConsistencyEnabled: boolean
 ConsistencyState: uint16 {enum}
 ConsistencyType: uint16 {enum}
 RelationshipName: string



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Dependency
See Core Model (Dependency Hierarchy 1))

MostCurrentSnapshotInBranch {E}
Antecedent: ref ComputerSystem {*}
Dependent: ref VirtualSystemSettingData {*}

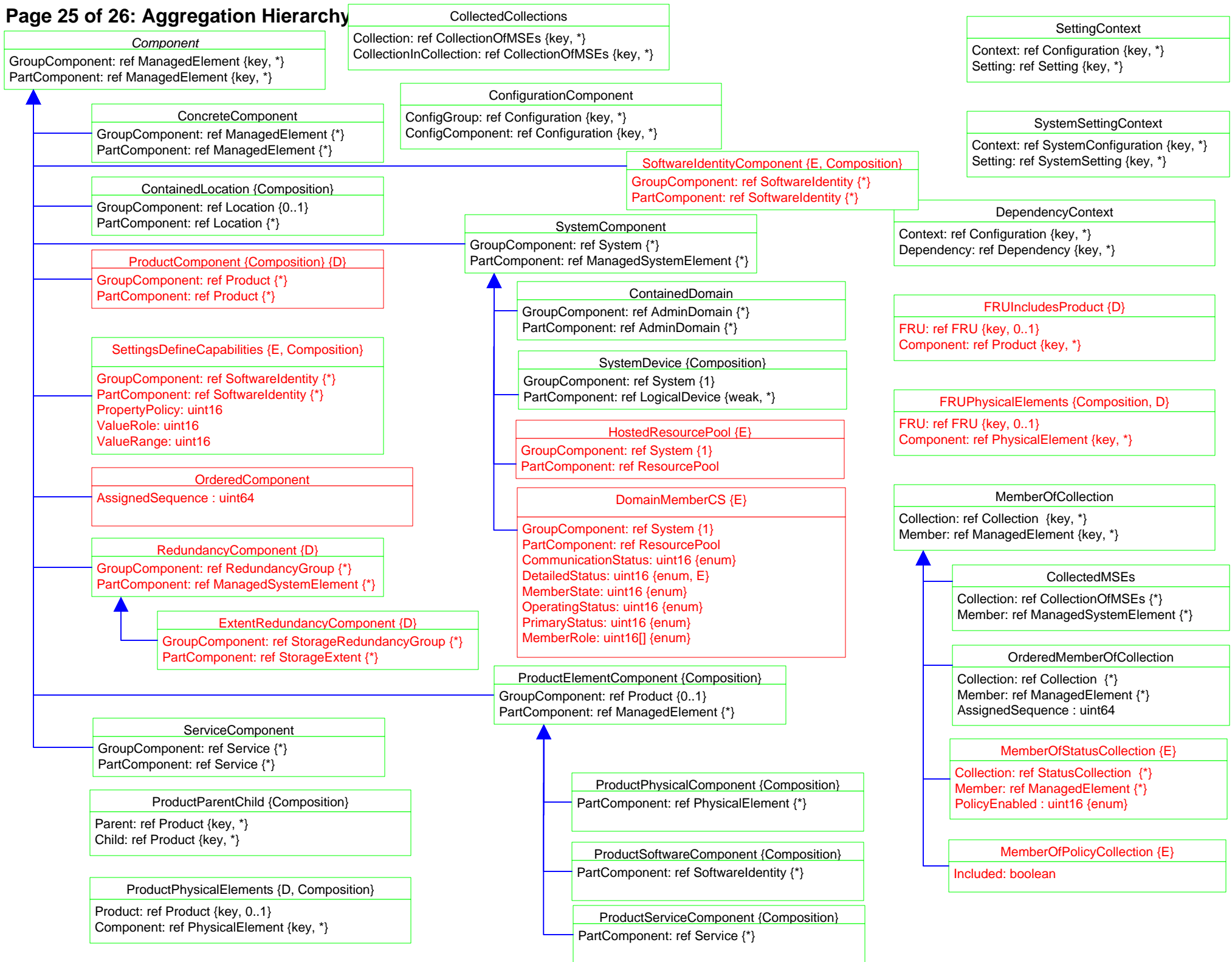
LastAppliedSnapshot {e}
Dependent: ref ComputerSystem {*}
Antecedent: ref VirtualSystemSettingData {*}

ResourceAllocationFromPool
Antecedent: ref ResourcePool {*}
Dependent: ref ResourceAllocationSettingData {*}

SnapshotOfVirtualSystem
Antecedent: ref ComputerSystem {*}
Dependent: ref VirtualSystemSettingData {*}

SettingsAffectSettings {E}
Antecedent : ref SettingData {*}
Dependent: ref SettingData {*}
Affect: uint16 {enum}





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