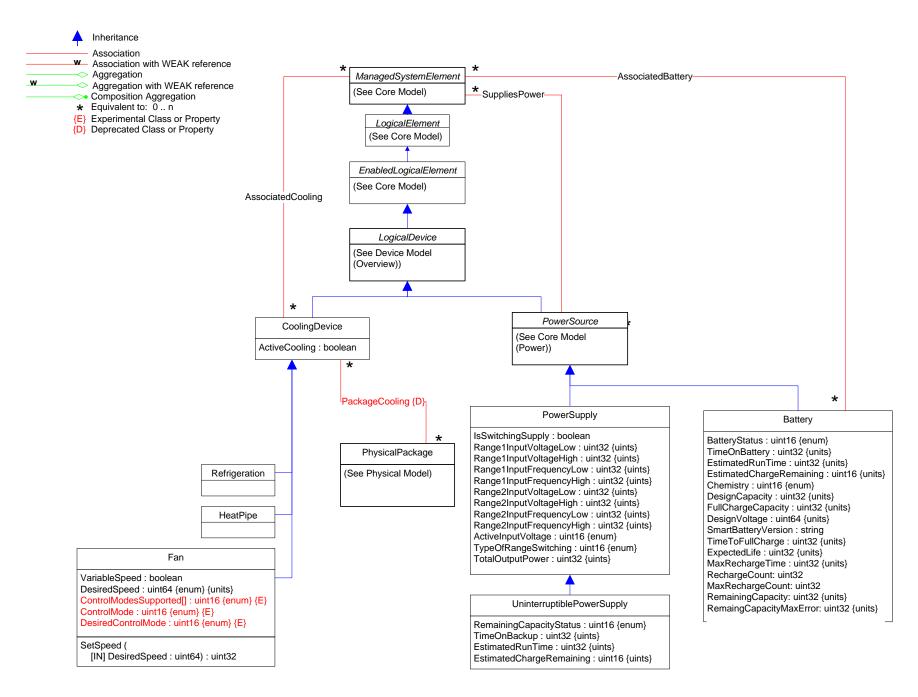
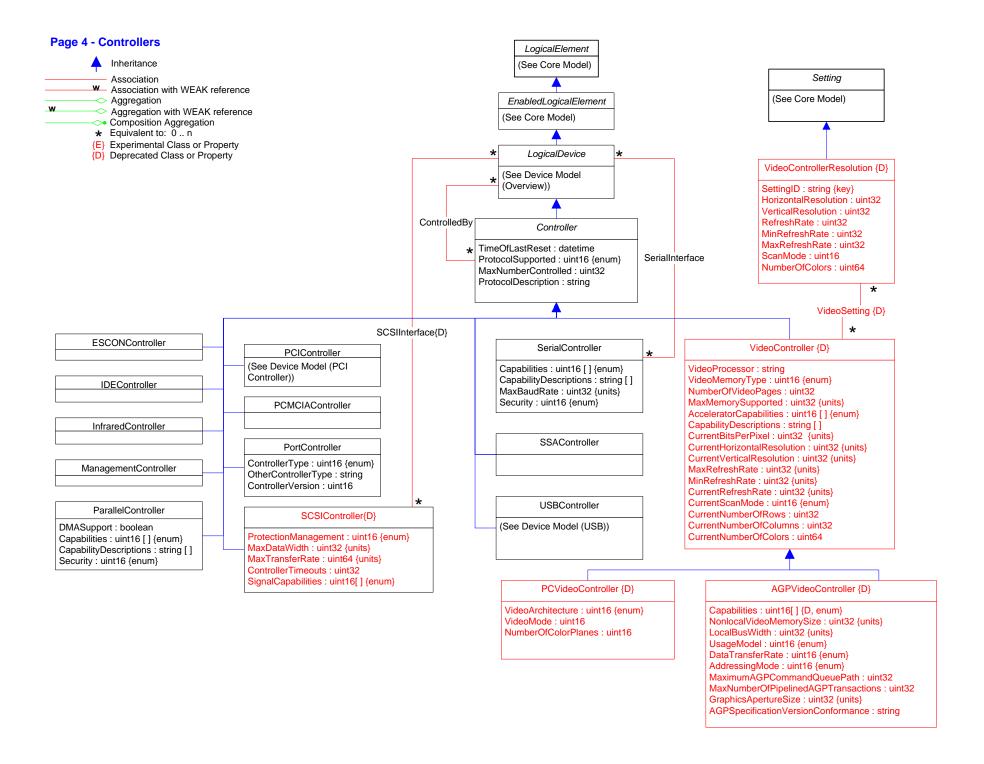


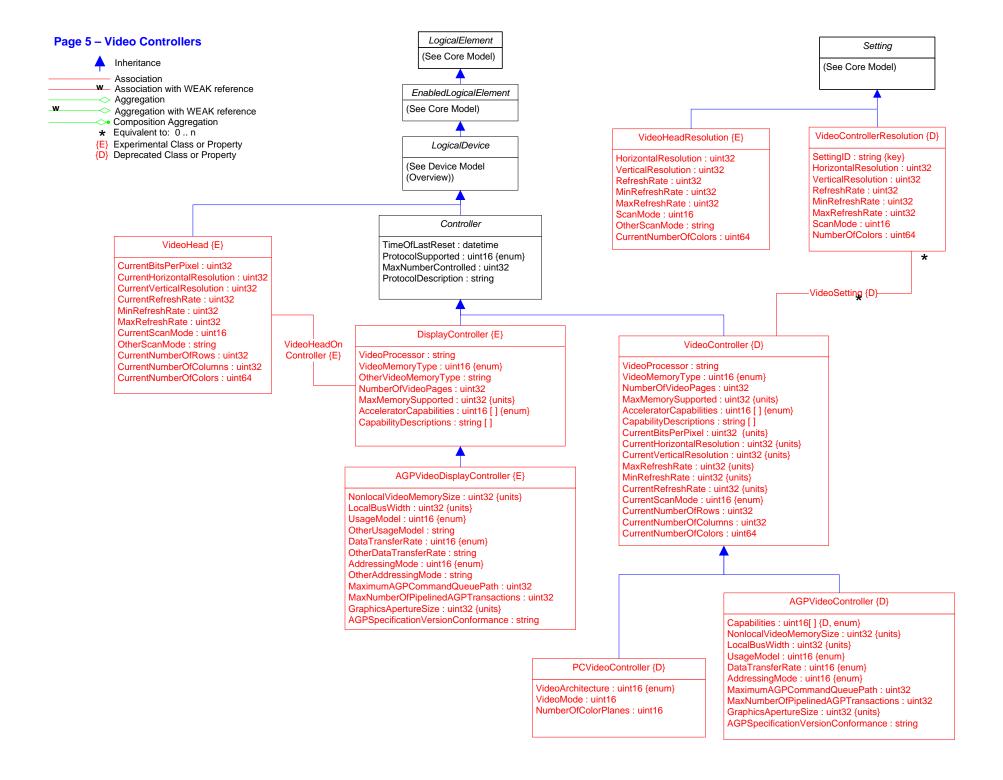
Page 2 - Cooling & Power



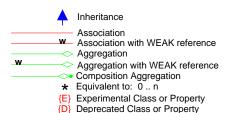
Page 3 - Processors ManagedElement (See Core Model) Inheritance Association W Association with WEAK reference Aggregation Capabilities ManagedSystemElement Aggregation with WEAK reference (See Core Model) Composition Aggregation (See Core Model) \* Equivalent to: 0 .. n (E) Experimental Class or Property (D) Deprecated Class or Property LogicalElement (See Core Model) EnabledLogicalElementCapabilities EnabledLogicalElement (See Core Model) (See Core Model) ProcessorCapabilities {E} System HardwareThread {E} ProcessorCore {E} LogicalDevice (See Core Model) NumbertOfProcessorCores: uint16 InstanceID : string {key} InstanceID: string {key} (See Device Model NumberOfHardwareThreads: uint16 LoadPercentage: uint16 (units) CoreEnabledState : uint16 {enum} (Overview)) Characteristics: uint16 {enum} LoadPercentage: uint16 (units) ComputerSystem (See System Model) UnitaryComputerSystem (See System Model) Processor WatchDog MonitoredEntity: uint16 {enum} Role: string Family: uint16 {enum} MonitoredEntityDescription: string OtherFamilyDescription: string TimeoutInterval: uint32 {units} UpgradeMethod : uint16 {enum} TimerResolution: uint32 (units) MaxClockSpeed : uint32 {units} TimeOfLastExpiration: datetime CurrentClockSpeed: uint32 {units} MonitoredEntityOnLastExpiration: uint16 {enum} ComputerSystemProcessor {D} DataWidth: uint16 (units) ActionOnExpiration : uint16 {enum} AddressWidth: uint16 (units) LoadPercentage : uint16 {units} KeepAlive(): uint32 Stepping: string UniqueID : string

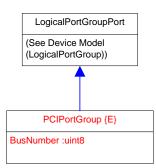
CPUStatus: uint16 {enum} ExternalBusClockSpeed: uint32 {E} NumberOfEnabledCores: uint16 {E}

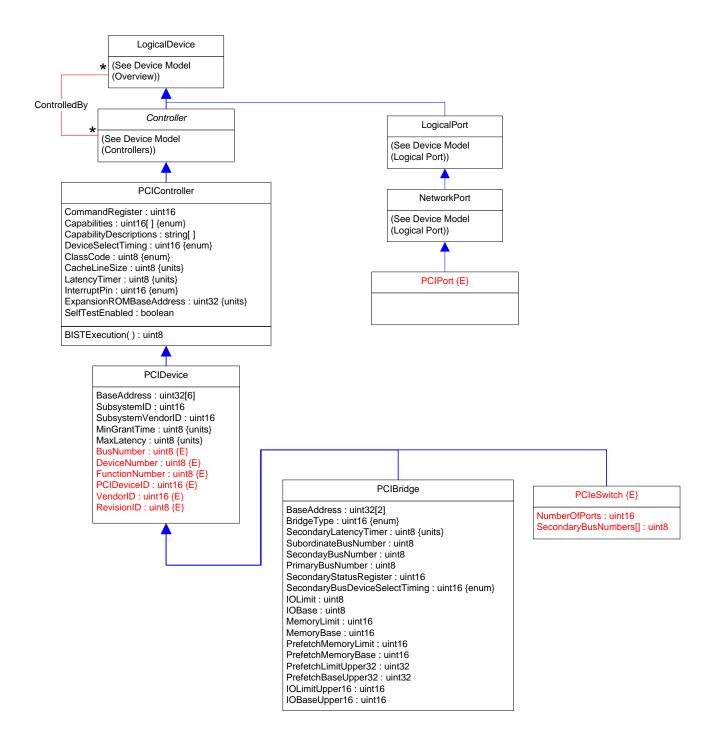


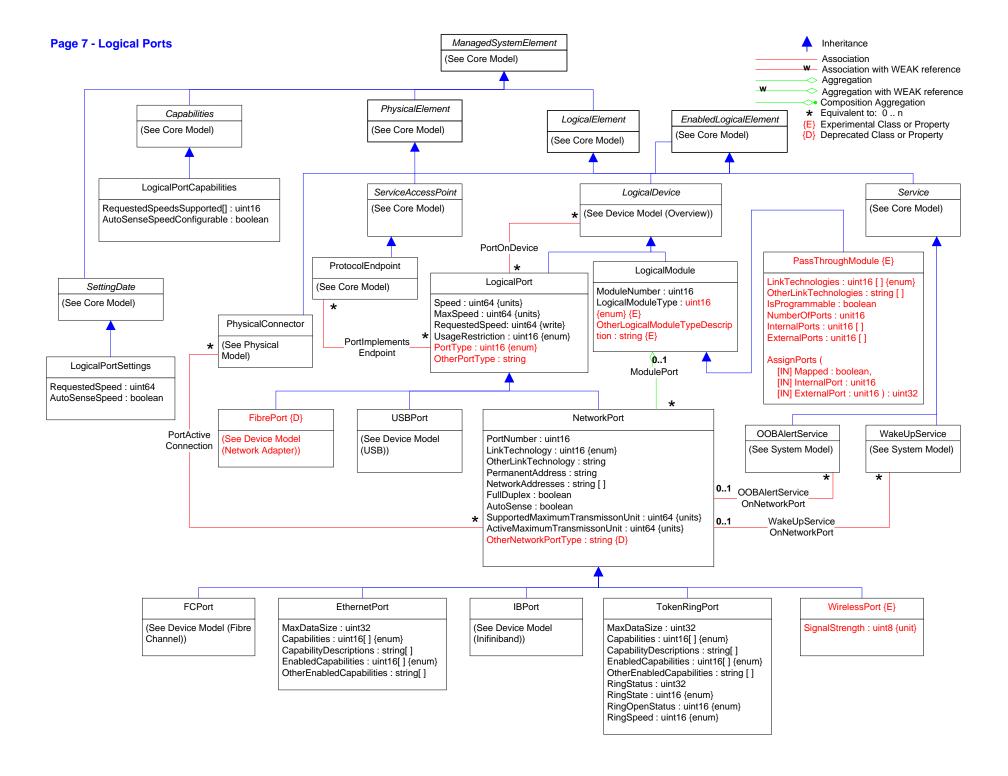


#### Page 6 - PCI Controllers

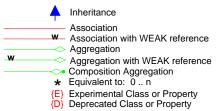


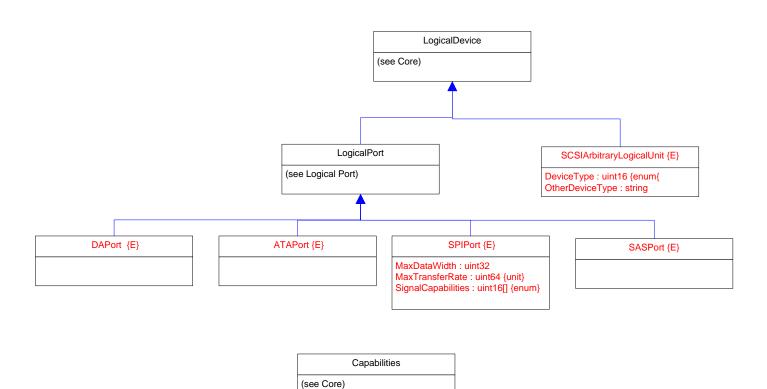






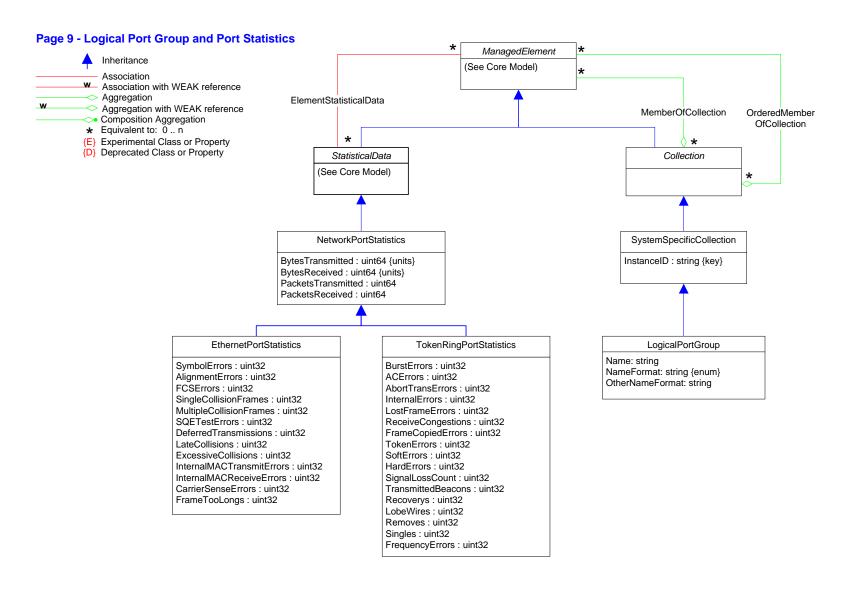
### Page 8 – Ports 2

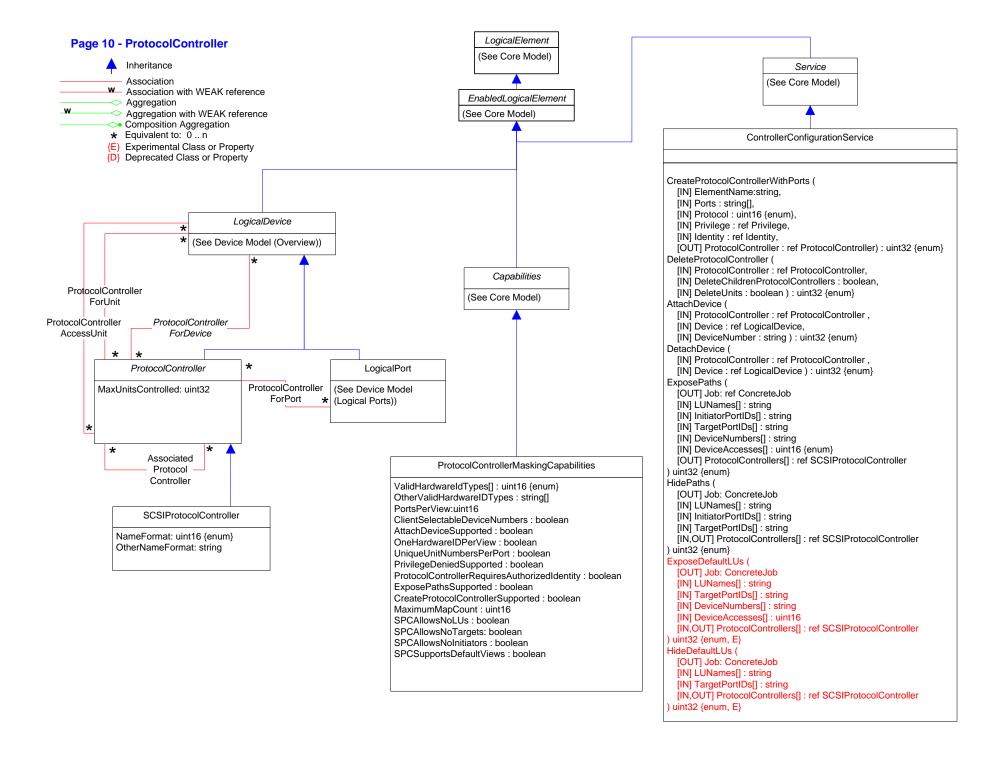


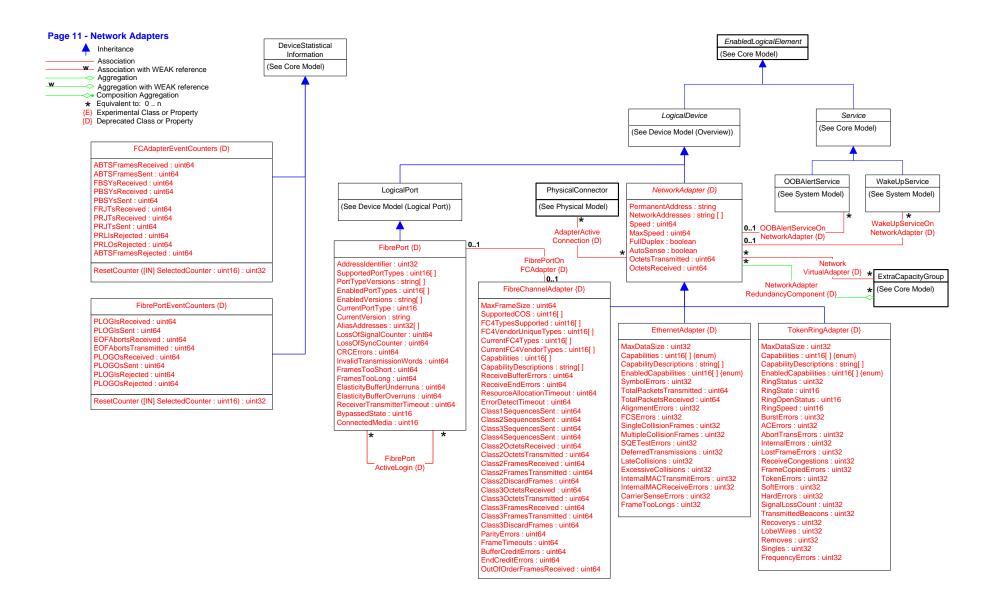


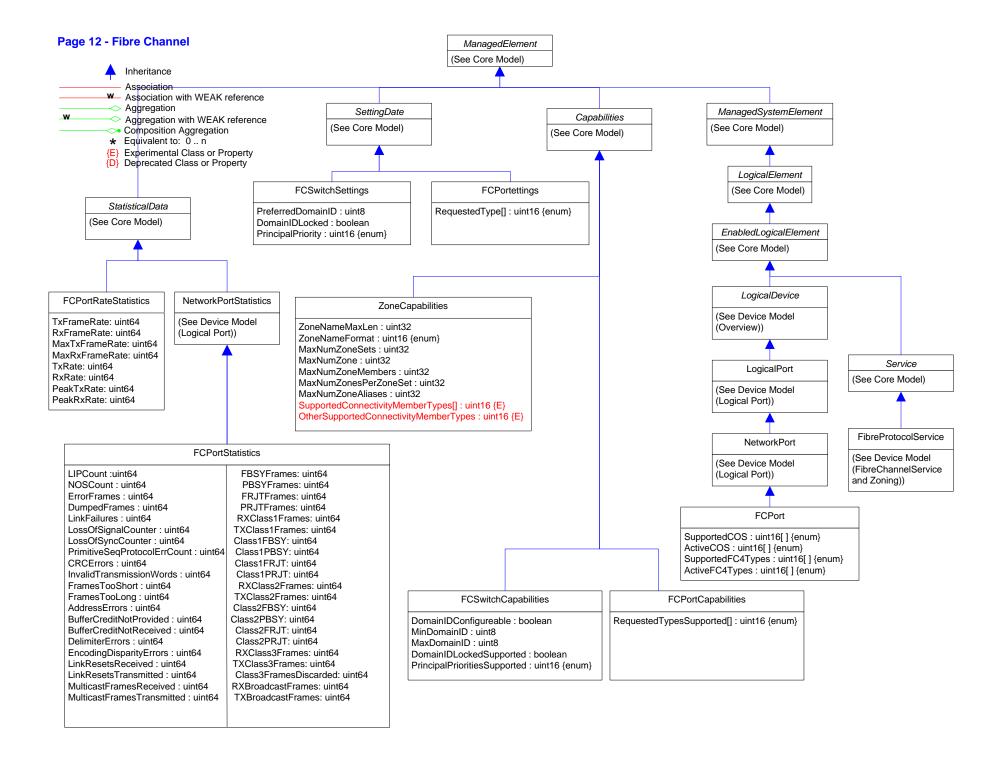
NetworkPortCapabilities {E}

SpeedConfigurable : boolean
PortSpeedsSupported : uint64 []

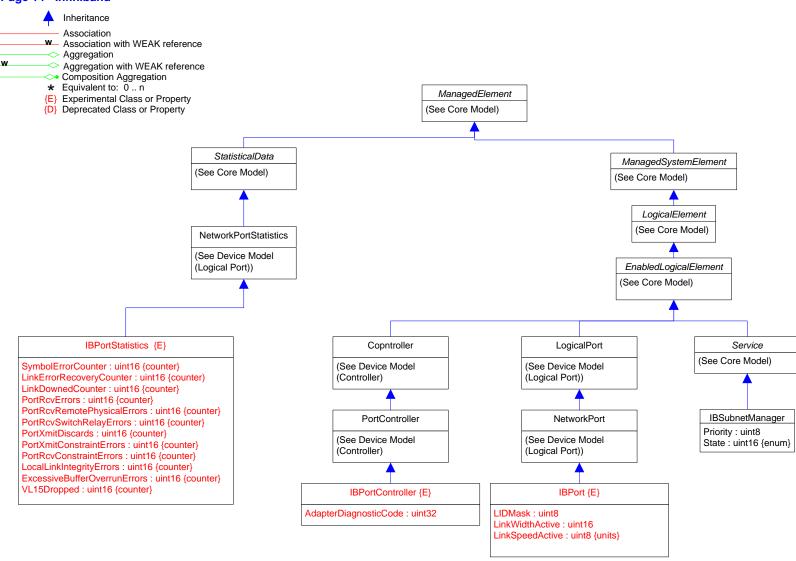


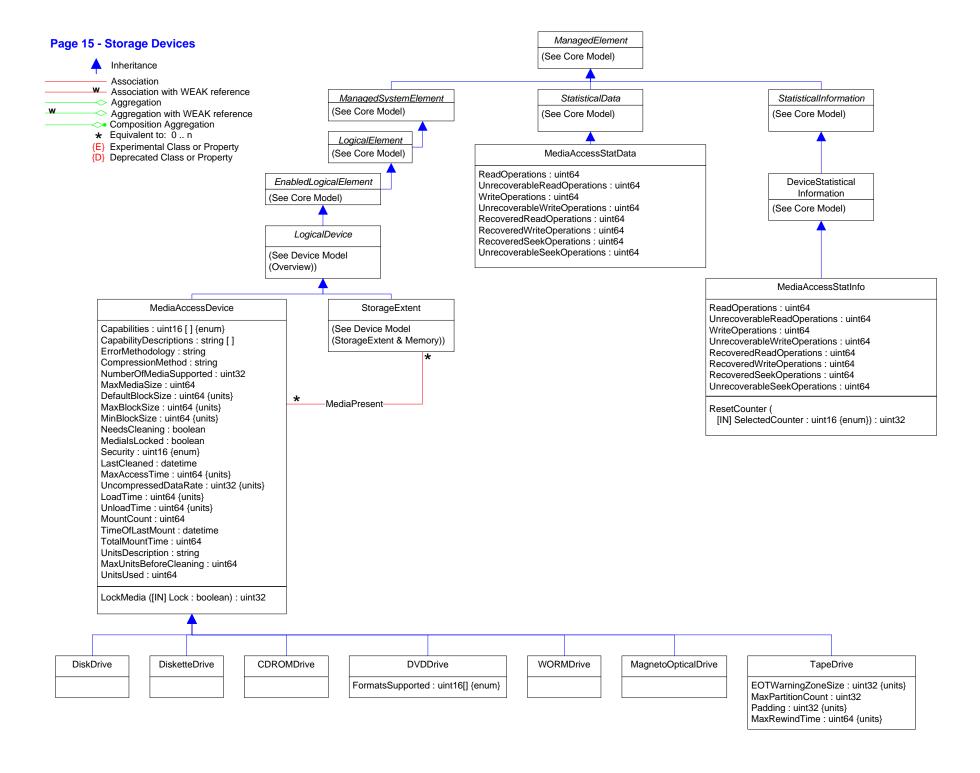






### Page 14 - Infiniband

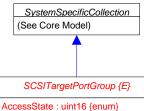




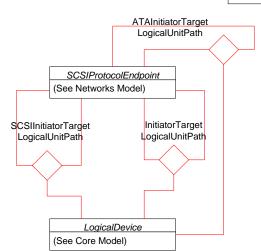
#### Page 16 - Storage Mutipath

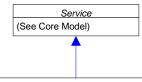


Experimental Class or PropertyDeprecated Class or Property



AccessState : uint16 {enum}
SupportsLuAssignment : boolean
ExplicitFailover : boolean
Preferred : boolean
Identifier : uint16





#### SCSIPathConfigurationService {E}

#### SetTPGAccess (

[IN] LogicalUnit: ref LogicalDevice

[IN] TargetPortGroups : ref SCSITargetPortGroup []

[IN] AccessStates ): uint32 {enum}

SetLoadBalanceAlgorithm (

[IN] LogicaDevice : ref LogicalDevice

[IN] LoadBalanceAlgorithm : uint16 {enum}

[IN] OtherLoadBalanceAlgorithmDescription: string

): uint32 {enum}

AssignLogicalUnitToPortGroup (

[IN] LogicalUnit: ref LogicalDevice

[IN] TargetPortGroup : ref TargetPortGroup

): uint32 {enum}

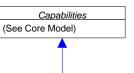
SetOverridePath (

[IN] path : ref SCSIInitiatorTargetLogicalUnitPath

): uint32 {enum} CancelOverridePath (

[IN] CancelOverridePath: ref LogicalDevice

): uint32 {enum}



#### SCSIMultipathConfigurationCapabilities {E}

SupportedLoadBalanceTypes: uint16 {enum}

OtherSupportedLoadBalanceAlgorithmNames : string []

OtherSupportedLoadBalanceVendorNames : string[] CanSetTPGAccess : boolean

CanOverridePaths : boolean
ExposesPathDeviceFiles : boolean
DeviceNameFilespace : string

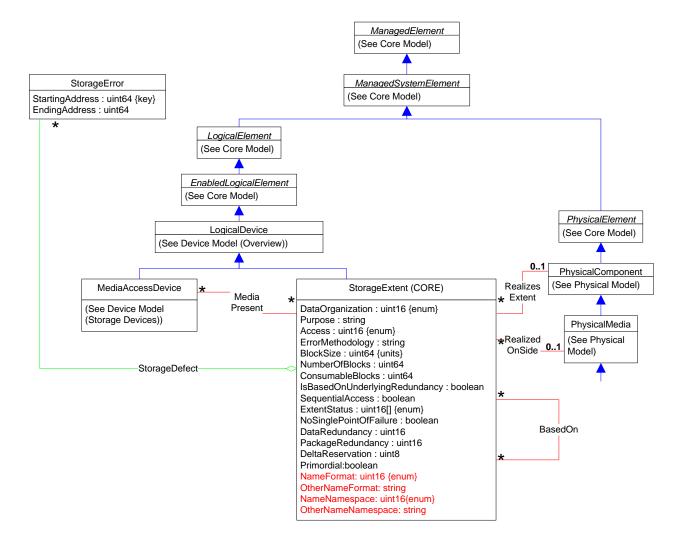
OnlySupportsSpecifidProducts: boolean

MaximumWeight: uint32 PollingRateMax: uint32 PollingRateMin: uint32

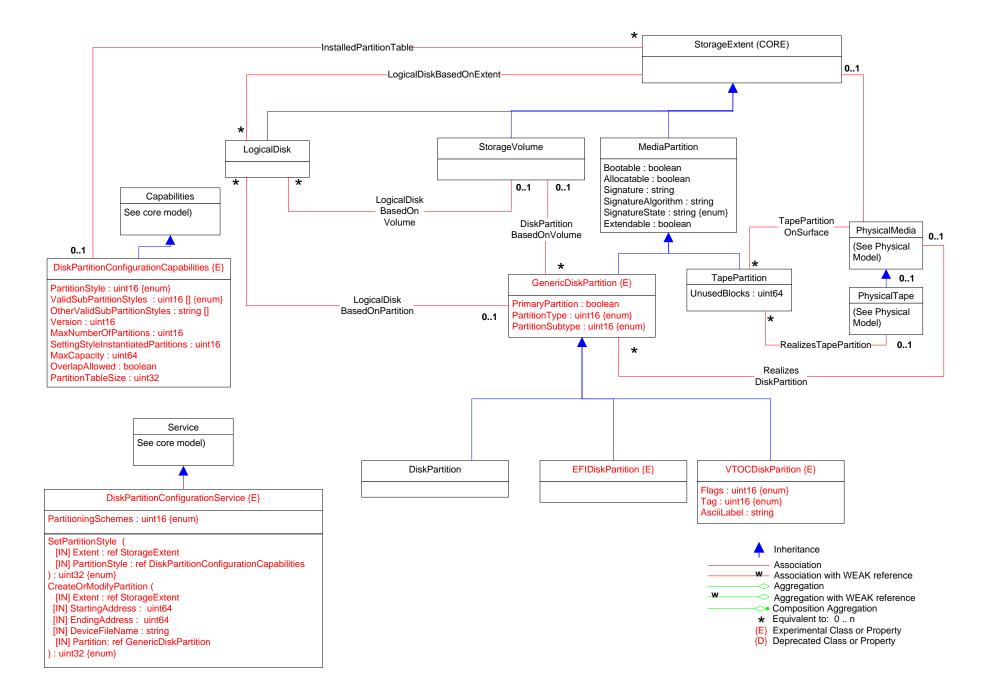
AutoFailbackSupported: boolean AutoFailbackEnabled: boolean BadPathPollingRate: uint32 InactivePathPollingRate: uint32

DefaultLoadBalanceType : uint16 {enum}

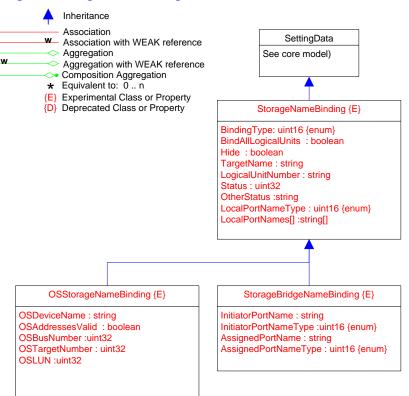
Page 17- StorageExtent

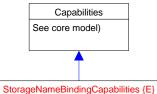


Page 18- StorageExtent 2

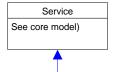


#### Page 19 - Storage Name Binding





ValidBindingTypes :uint16 [] {enum} ActivateBindingRequiresReset : boolean CanMapAddresses :boolean CanBindAllLuns :boolean AutoDiscovery: boolean CanSetOSDeviceName :boolean



#### StorageNameBindingService {E}

#### CreateStorageNameBinding ( [IN] BindingType : uint16 {enum} [IN] BindAllLogicalUnits : boolean

[IN] Hide: boolean [IN] TargetName : string [IN] LogicalUnitNumber : string

[IN] LocalPortNameType : uint16 {enum}

[IN] LocalPortNames[] :string[]

[OUT] Binding : StorageNameBinding

) uint32 {enum}

#### CreateOSStorageNameBinding (

[IN] BindingType : uint16 {enum} [IN] BindAllLogicalUnits: boolean

[IN] Hide: boolean

[IN] TargetName : string [IN] LogicalUnitNumber : string

[IN] OSDeviceName : string [IN] OSAddressesValid: boolean

[IN] OSBusNumber : uint32

[IN] OSTargetNumber : uint32

[IN] OSLUN : uint32

[IN] LocalPortNameType : uint16 {enum}

[IN] LocalPortNames : string[]

[OUT] Binding: StorageNameBinding

uint32 {enum}

#### CreateOSStorageNameBinding (

[IN] BindingType : uint16 {enum}

[IN] BindAllLogicalUnits : boolean

[IN] Hide : boolean

[IN] TargetName : string

[IN] InitiatorPortName: string

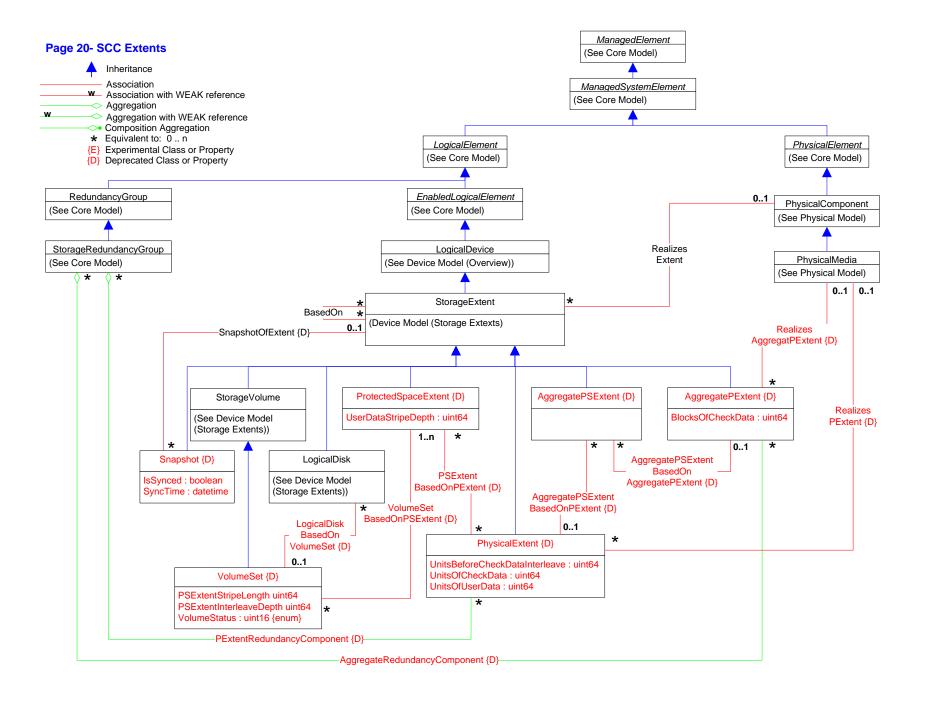
[IN] InitiatorPortNameType :uint16 {enum}

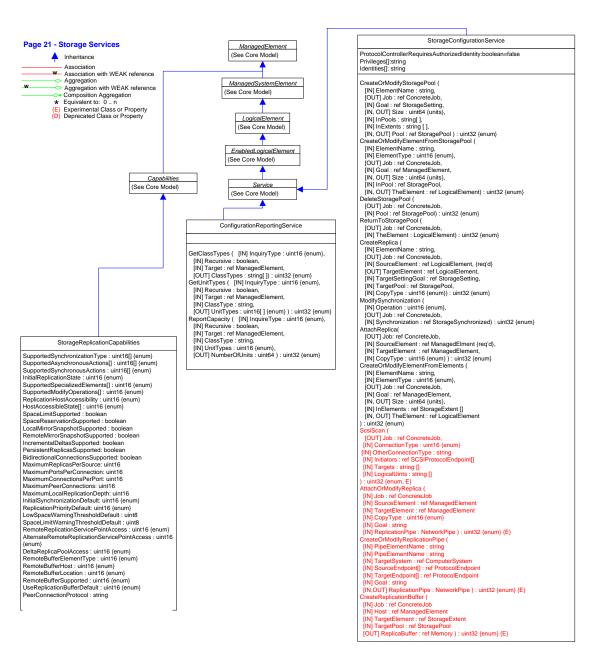
[IN] AssignedPortName : string

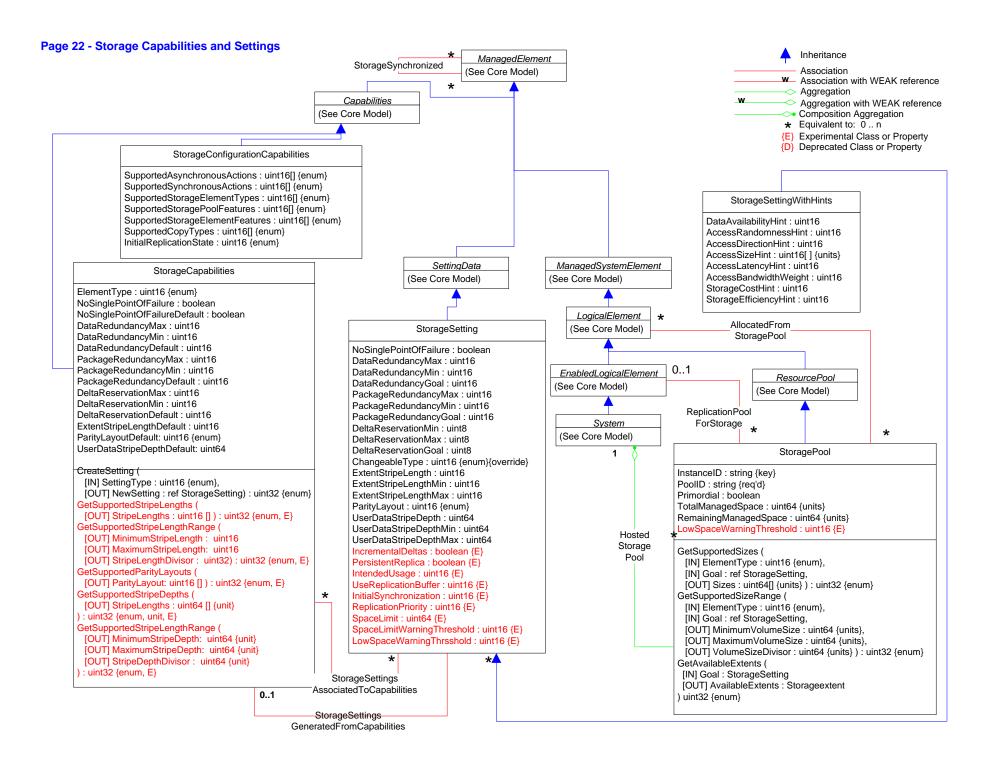
[IN] AssignedPortNameType : uint16 {enum}

[OUT] Binding : StorageNameBinding

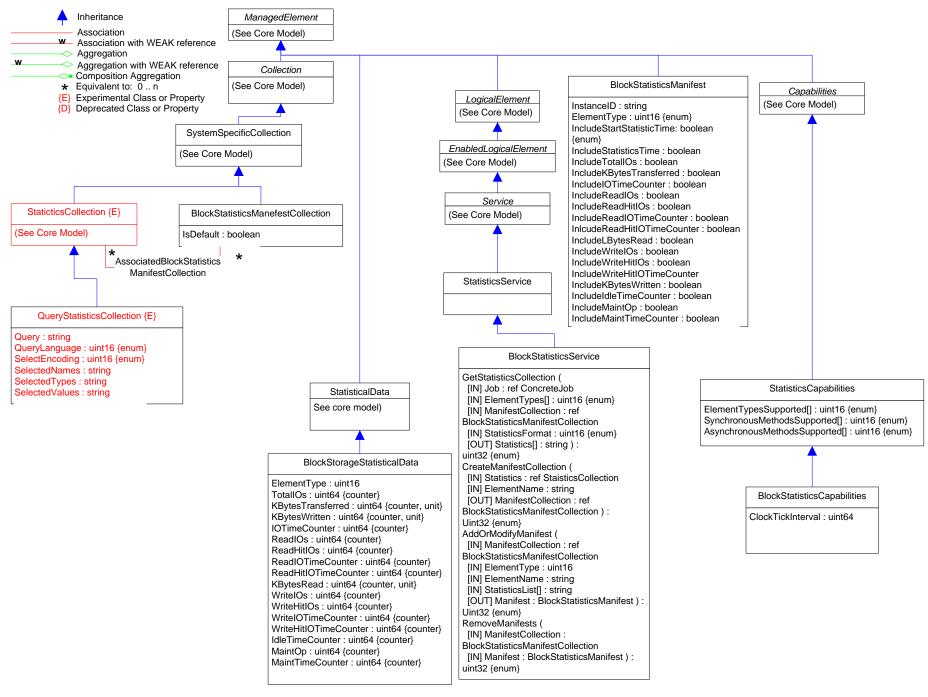
) uint32 {enum}

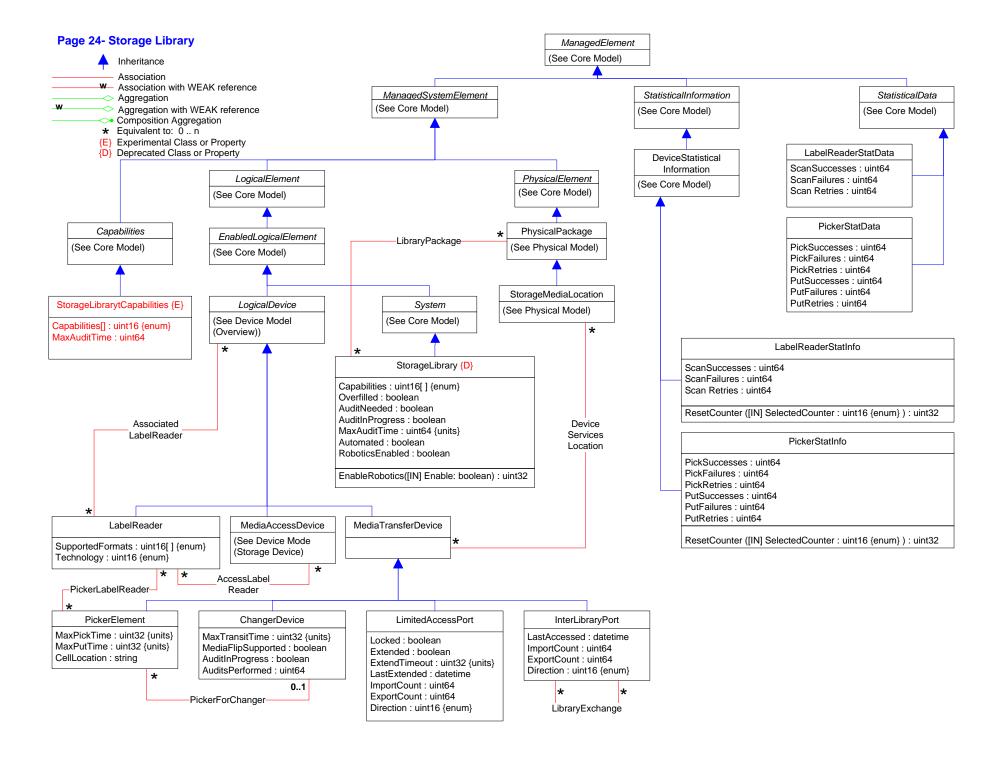


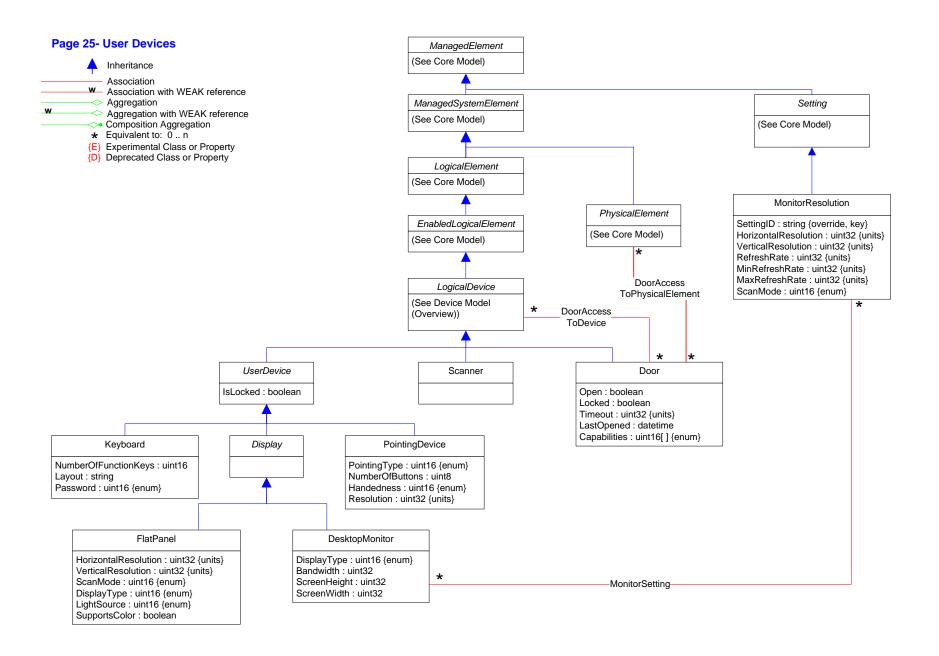


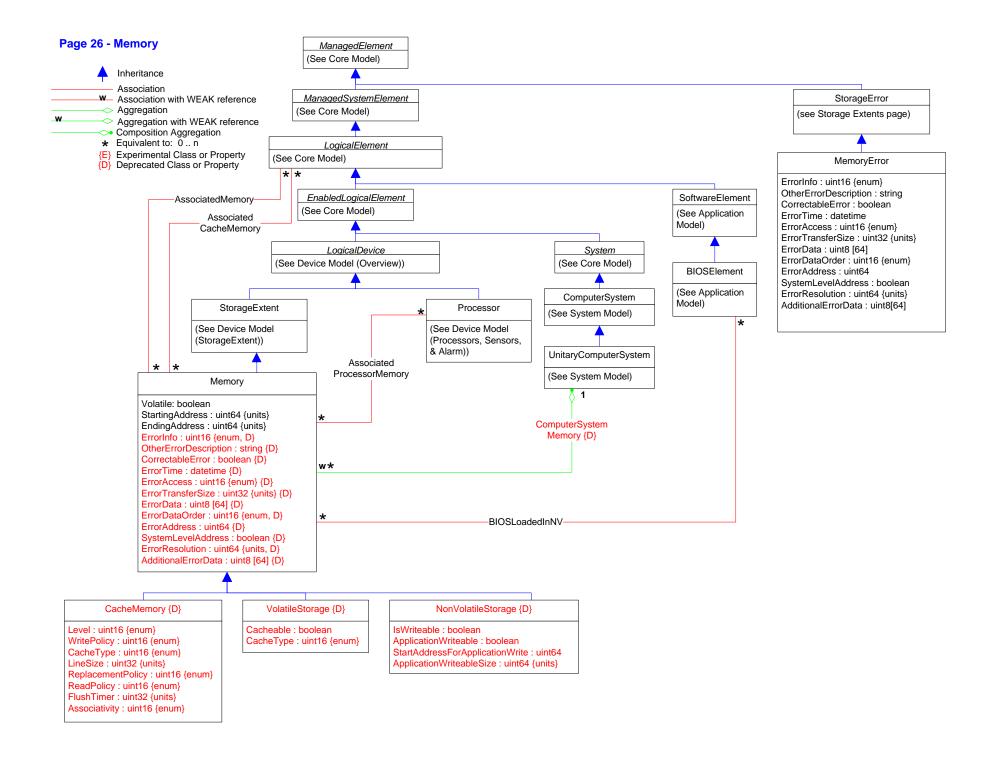


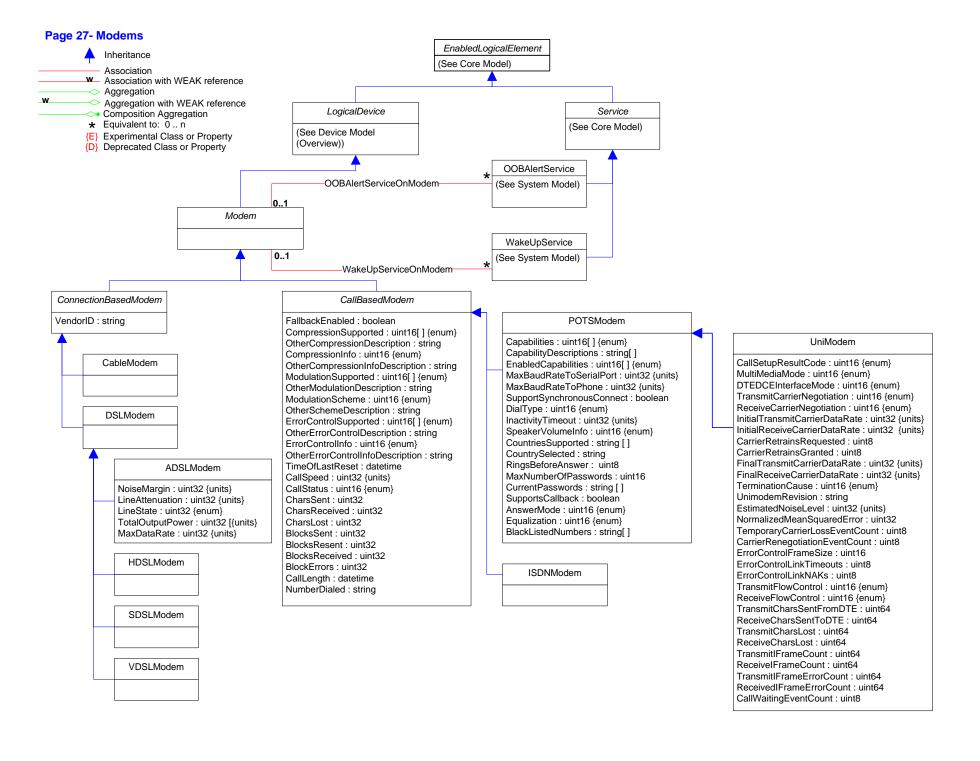
Page 23 - Storage Statistics

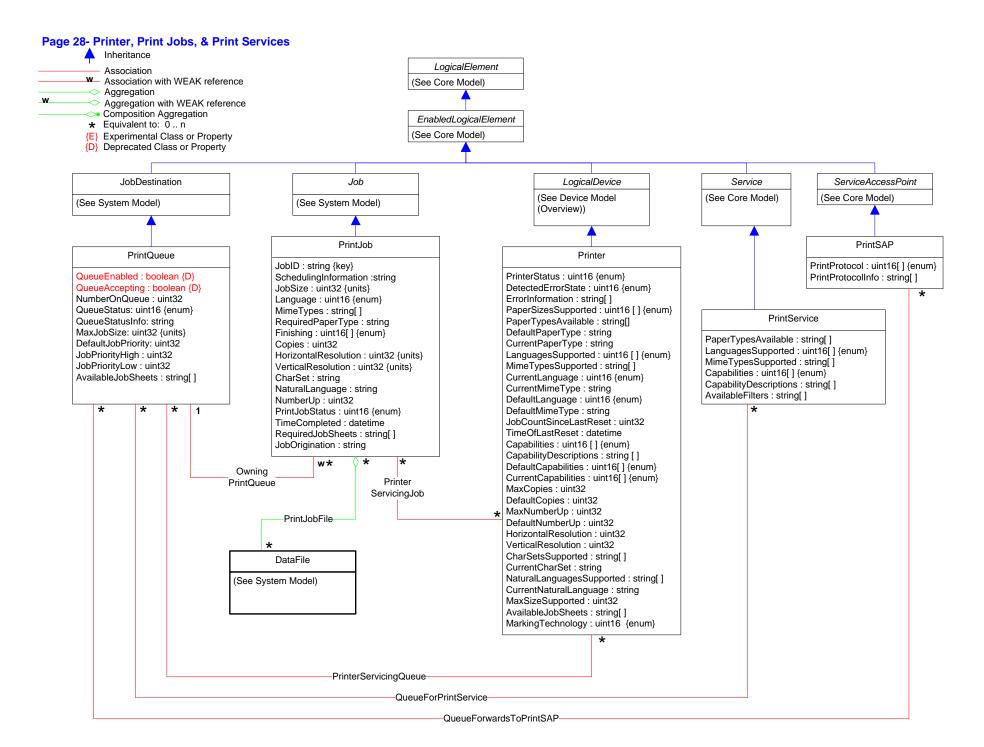












# Page 29 - Printer, Print Jobs, & Print Services (2) Inheritance Association W Association with WEAK reference Aggregation Aggregation with WEAK reference Composition Aggregation Equivalent to: 0 .. n

{E} Experimental Class or Property{D} Deprecated Class or Property

LogicalElement
(See Core Model)

#### PrintOutputTray {E}

InstanceID : string SNMPRowID : uint32 LocalizedDescription: string

Type : uint32

OtherTypeDescription: string CapacityUnit: uint32 OtherCapacityUnit: string MaxCapacityBasis: uint16 MaxCapacity: uint32

RemainingCapacityBasis: uint16 RemainingCapacity: uint32 AvailabilityStatus: uint32 NonCriticalAlertsStatus: boolean CriticalAlertsStatus: boolean OfflineStatus: boolean

#### $PrintInputTray~\{E\}$

InstanceID: string SNMPRowID: uint32 IsDefault: boolean

LocalizedDescription: string Type: uint32

OtherTypeDescription: string CapacityUnit: uint32
OtherCapacityUnit: string MaxCapacityBasis: uint16

MaxCapacity: uint32

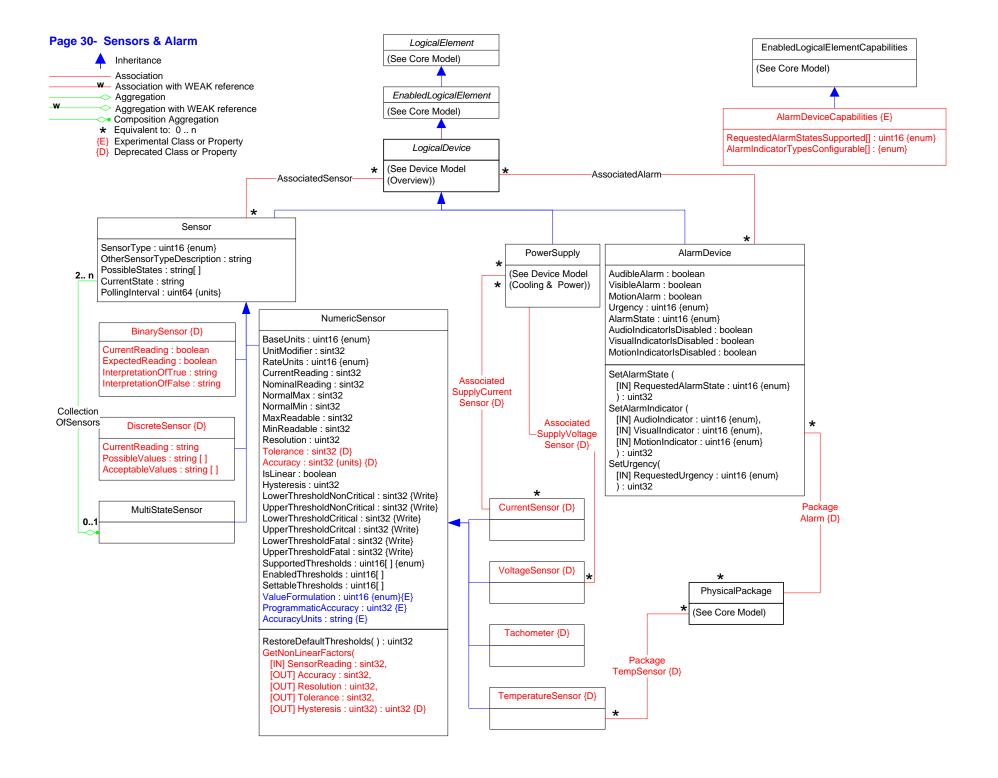
CurrentLevelBasis : uint16 {enum}

CurrentLevel: uint32
AvailabilityStatus: uint32
OtherAvailabilityStatus: string
NonCriticalAlertsPresent: boolean
CriticalAlertsPresent: boolean
MediaSizeName: string

MediaName : string

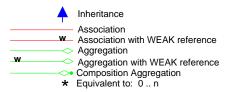
MediaWeightBasis : uint16 {enum}

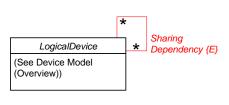
MediaWeight : uint32 MediaType : string MediaColor : string

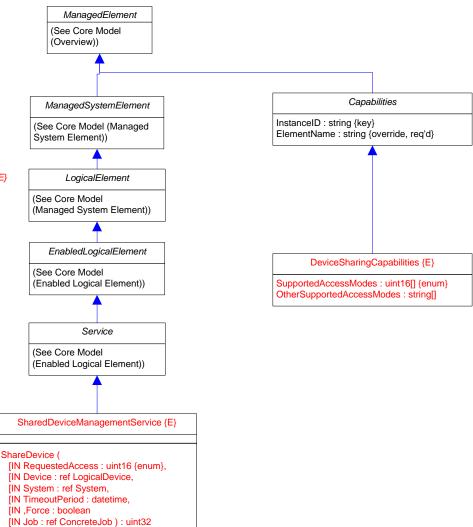


Page 31- USB and Disk Group LogicalDevice PortOnDevice (See Device Model Inheritance (Overview)) Association W Association with WEAK reference Aggregation Aggregation with WEAK reference LogicalPort **USBDevice** Controller Composition Aggregation \* Equivalent to: 0 .. n (See Device Model USBVersion: uint16 (See Device Model (Logical Ports)) ClassCode: uint8 (Controllers)) SubclassCode: uint8 ProtocolCode: uint8 NumberOfConfigs : uint8 CurrentConfigValue : uint8 USBController CurrentAlternateSettings : uint8[] USBVersion: uint16 **USBConnection** GetDescriptor( InterfaceType: uint16 {enum} **USBPort** [IN] RequestType : uint8, 0..1 Controller Version: uint16 [IN] RequestValue : uint16, Power: uint16 {enum} [IN] RequestIndex : uint16. Suspended : boolean [IN, OUT] RequestLength: uint16, Overcurrent : boolean [OUT] Buffer : uint8[]): uint32 1..n 1..n USBController **USBHub USBPortOnHub** HasHub GangSwitched: boolean NumberOfPorts : uint8 ManagedElement (See Core Model) ManagedSystemElement CollectionOfMSEs (See Core Model) (See Core Model) LogicalElement (See Core Model) EnabledLogicalElement LogicalDevice (See Core Model) GroupIn DiskGroup DiskGroup (See Device Model **0..1** CollectionID: string {key} (Overview)) DriveInDiskGroup 0..1 MediaAccessDevice DiskDrive \* (See Device Model (See Device Model (Storage Devices)) (Storage Devices)) ExtentInDiskGroup StorageExtent (See Device Mode (StorageExtents)) \*

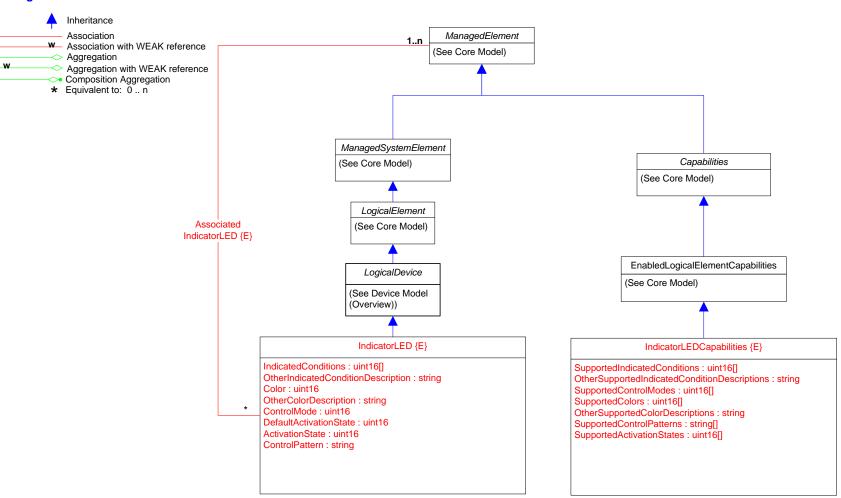
#### Page 32- Device Sharing



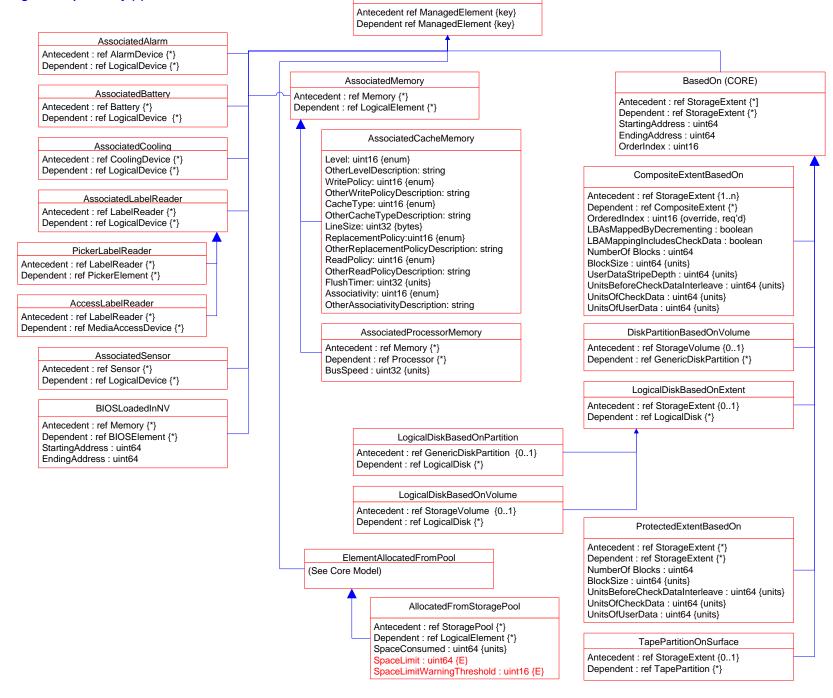




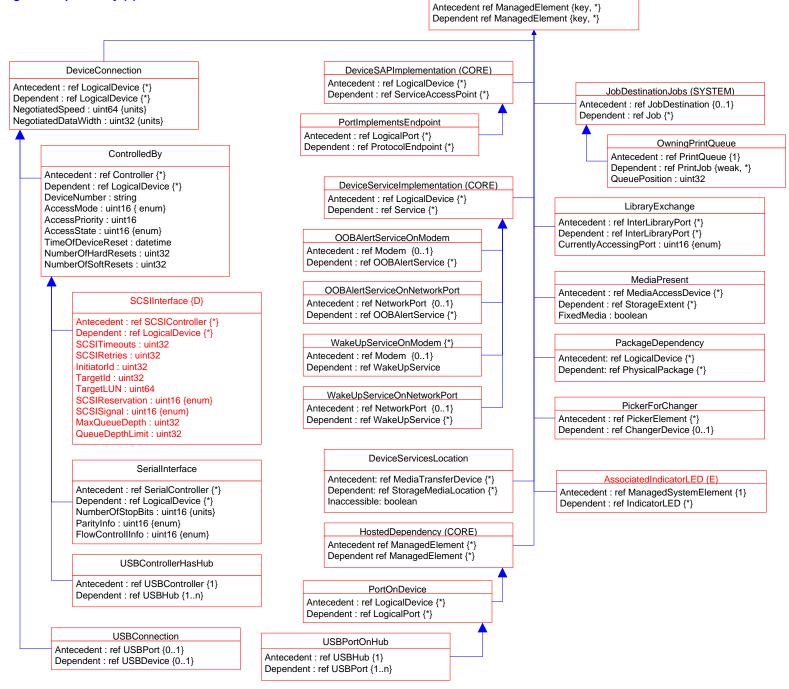
Page 33- LED



#### Page 34- Dependency (1)



Dependency



Dependency (CORE)

## Page 36- Dependency (3) PortActiveConnection Antecedent: ref PhysicalConnector {\*} PrinterServicingJob

### Dependent: ref NetworkPort {\*}

#### Antecedent : ref Printer {\*} Dependent : ref PrintJob {\*}

#### PrinterServicingQueue Antecedent : ref Printer {\*} Dependent : ref PrintQueue {\*}

#### ProtocolControllerForDevice

Antecedent : ref ProtocolController {\*} Dependent : ref LogicalDevice {\*} DeviceNumber: string

AccessPriority: uint16 AccessState: uint16 {enum}

#### AssociatedProtocolController

Antecedent : ref ProtocolController {\*} Dependent : ref ProtocolController {\*}

#### ProtocolControllerAccessUnit

Antecedent : ref ProtocolController {\*} Dependent : ref LogicalDevice {\*} TargetControllerNumber: string DeviceAccess :uint16 {enum, E}

#### ProtocolControllerForPort

Antecedent : ref ProtocolController {\*} Dependent : ref LogicalPort {\*}

#### ProtocolControllerForUnit

Antecedent : ref ProtocolController {\*} Dependent : ref LogicalDevice {\*} DeviceAccess :uint16 {enum}

#### Dependency (CORE)

Antecedent ref ManagedElement {key, \*} Dependent ref ManagedElement {key, \*}

#### QueueForPrintService

Antecedent : ref PrintQueue {\*} Dependent : ref PrintService {\*} QueueAcceptingFromService : boolean

#### QueueForwardsToPrintSAP

Antecedent : ref PrintSAP {\*} Dependent : ref PrintQueue {\*}

#### Realizes (CORE)

Antecedent: ref PhysicalElement {\*} Dependent: ref LogicalDevice {\*}

#### RealizesExtent

Antecedent: ref PhysicalComponent {0..1} Dependent: ref StorageExtent {\*}

StartingAddress: uint64

#### RealizedOnSide

Antecedent: ref PhysicalMedia {0..1} Dependent: ref StorageExtent {\*} Side: uint16 {enum}

RealizesDiskPartition

Antecedent: ref PhysicalMedia {0..1} Dependent: ref GenericDiskPartition {\*}

#### RealizesTapePartition

Antecedent: ref PhysicalTape {0..1} Dependent: ref TapePartition {\*}

#### SuppliesPower

Antecedent : ref PowerSource {\*} Dependent : ref LogicalDevice {\*}

#### SystemPackaging (CORE)

Antecedent: ref PhysicalElement {\*} Dependent: ref System (\*)

#### LibraryPackaging

Antecedent: ref PhysicalPackage {\*} Dependent: ref StorageLibrary {\*}

#### InstalledPartitionTable {E}

Capabilities: ref DiskPartitionConfigurationCapabilities {\*} Dependent : ref StorageExtent {\*}

#### SharingDependency {E}

Antecedent: ref StorageCapabilities {0..1} Dependent : ref StorageSetting {\*} CurrentStatus: uint16 {enum} OtherCurrentStatus: string

#### ReplicationPoolForStorage {E}

Antecedent: ref EnabledLogicalElement {0..1}

Dependent : ref StoragePool

#### StorageSettingsAssociatedToCapabilities (CORE)

Antecedent: ref StorageCapabilities {\*} Dependent : ref StorageSetting {\*} DefaultSetting: boolean

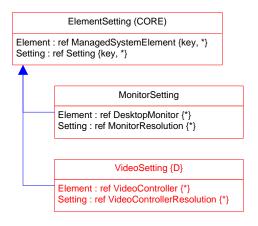
#### StorageSettingsAssociatedToCapabilities {E}

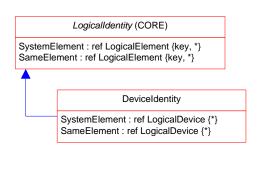
Antecedent: ref StorageCapabilities {\*} Dependent : ref StorageSetting {\*} DefaultSetting: boolean

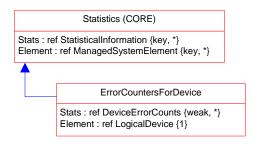
#### StorageSettingsGeneratedFromCapabilities

Antecedent: ref StorageCapabilities {0..1} Dependent : ref StorageSetting {\*}

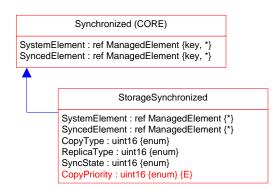
#### **Page 37- Association Hierarchy**







# SCSIInitiatorTargetLogicalUnitPath Initiator: ref SCSIProtocolEndpoint {key, \*} Target: ref SCSIProtocolEndpoint {key, \*} LogicalUnit: ref LogicalDevice {key, \*} OSDeviceName: string AdministrativeWeight: uint32 State: uint16 {enum} AdministrativeOverride: uint16 {enum}

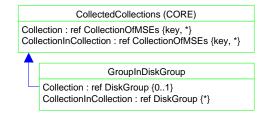


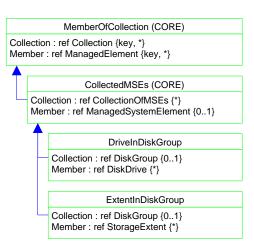
#### AssociatedBlockStatisticsManifestCollection

Statistics : ref StatisticsCollection {key,1,1}

 $Manifest Collection: ref Block Statistics Manifest Collection \ \{key, ^*\}$ 

#### **Page 38- Aggregation Hierarchy**

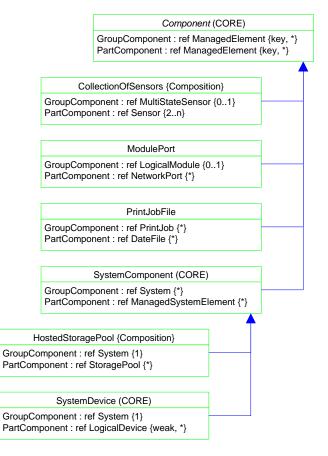


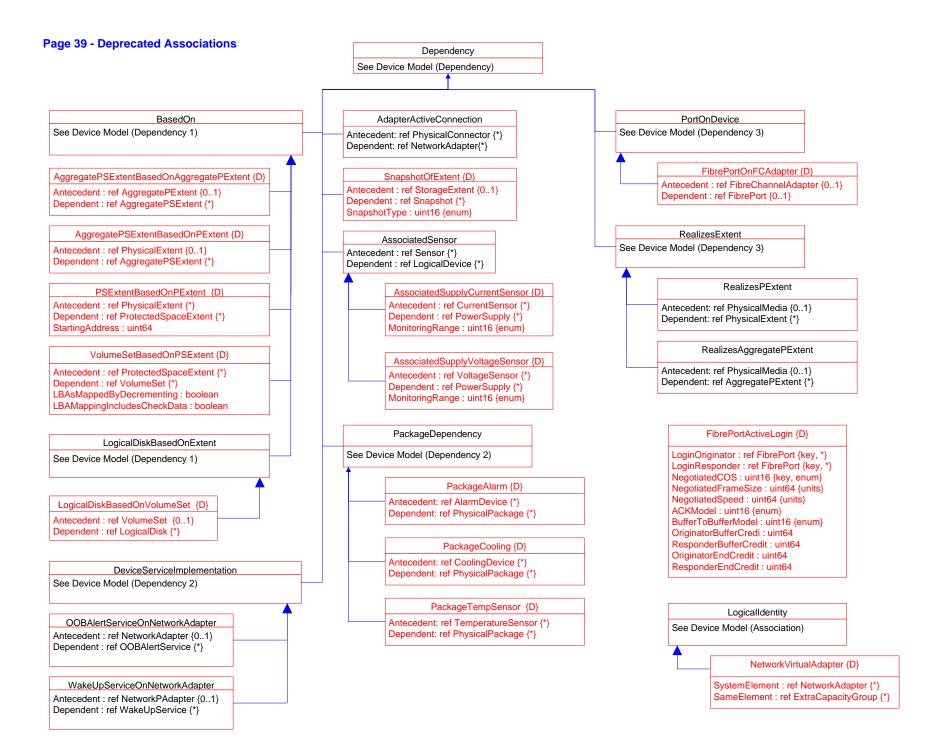


StorageDefect

Extent : ref StorageExtent {key, 1}

Error : ref StorageError {key, weak, \*}





#### **Page 40 - Deprecated Aggregations**

