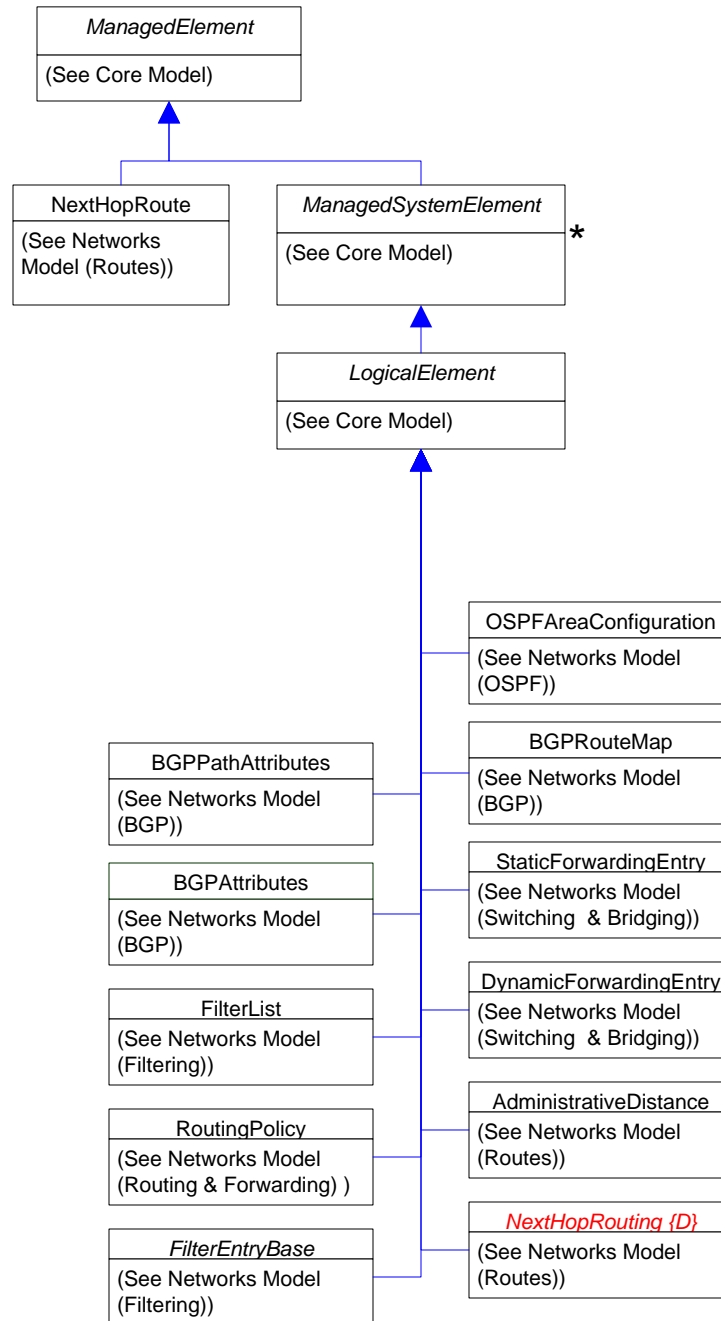
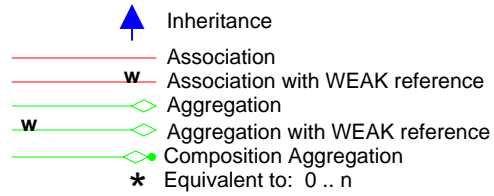







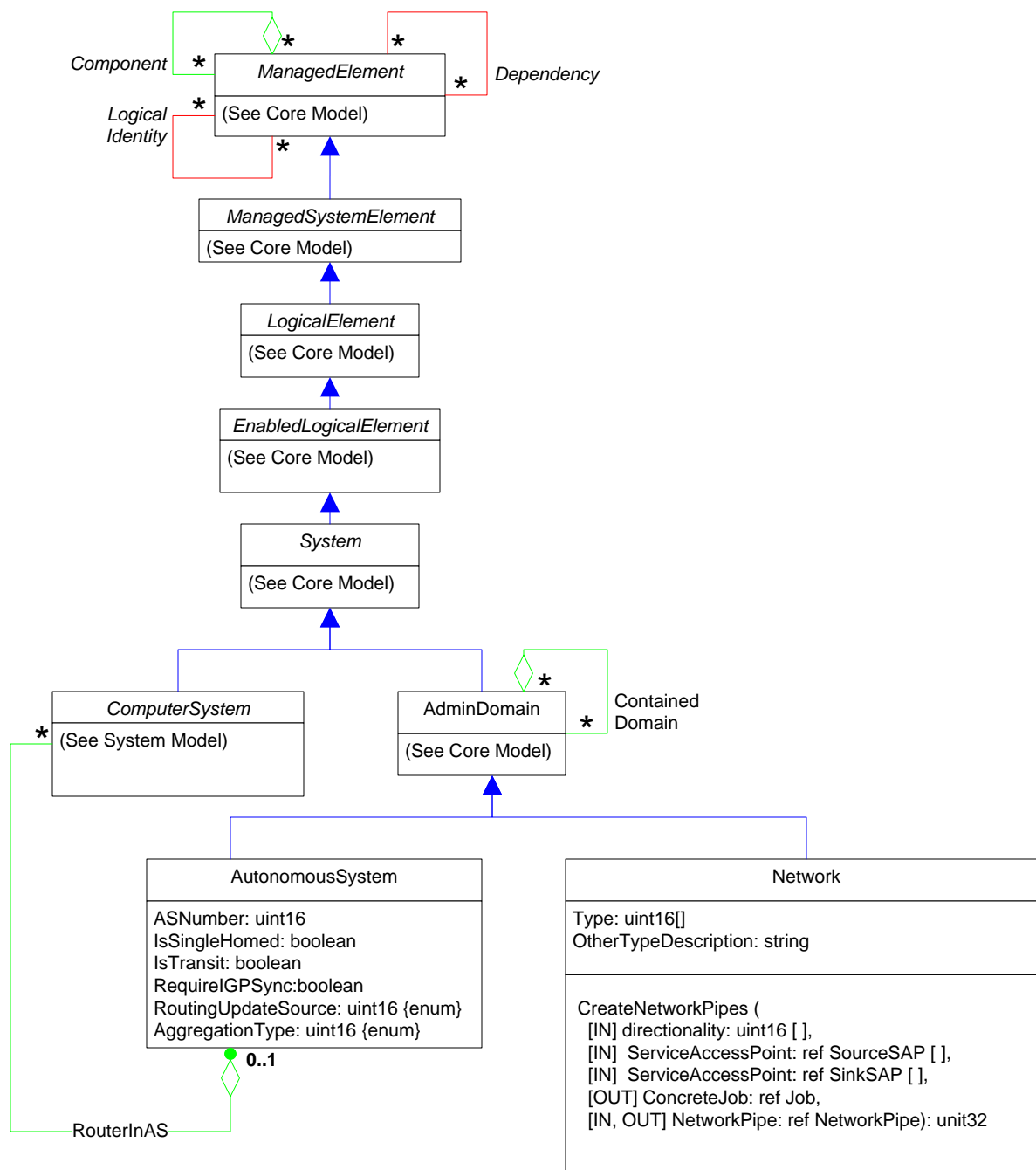









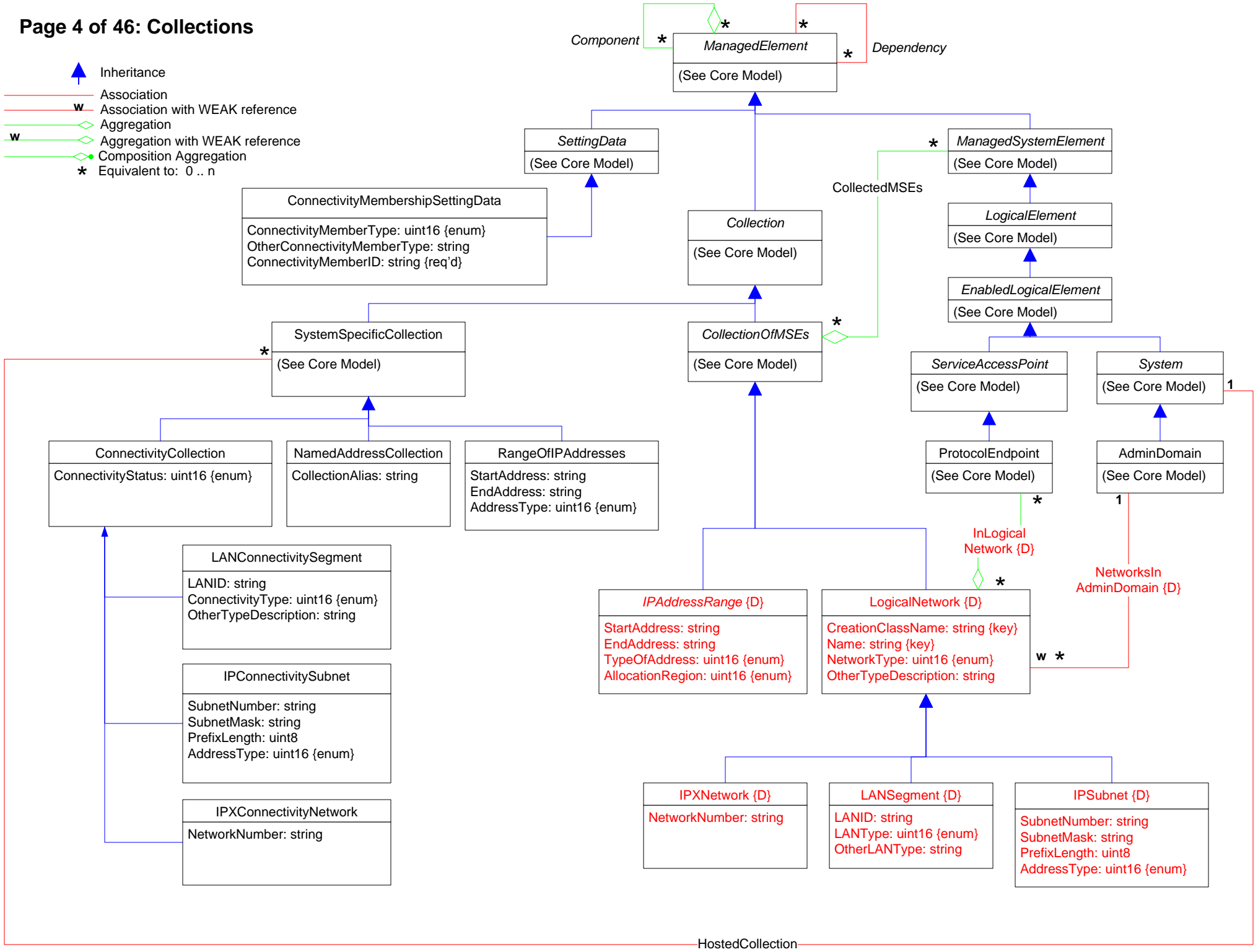
Page 2 of 46: Overview 2



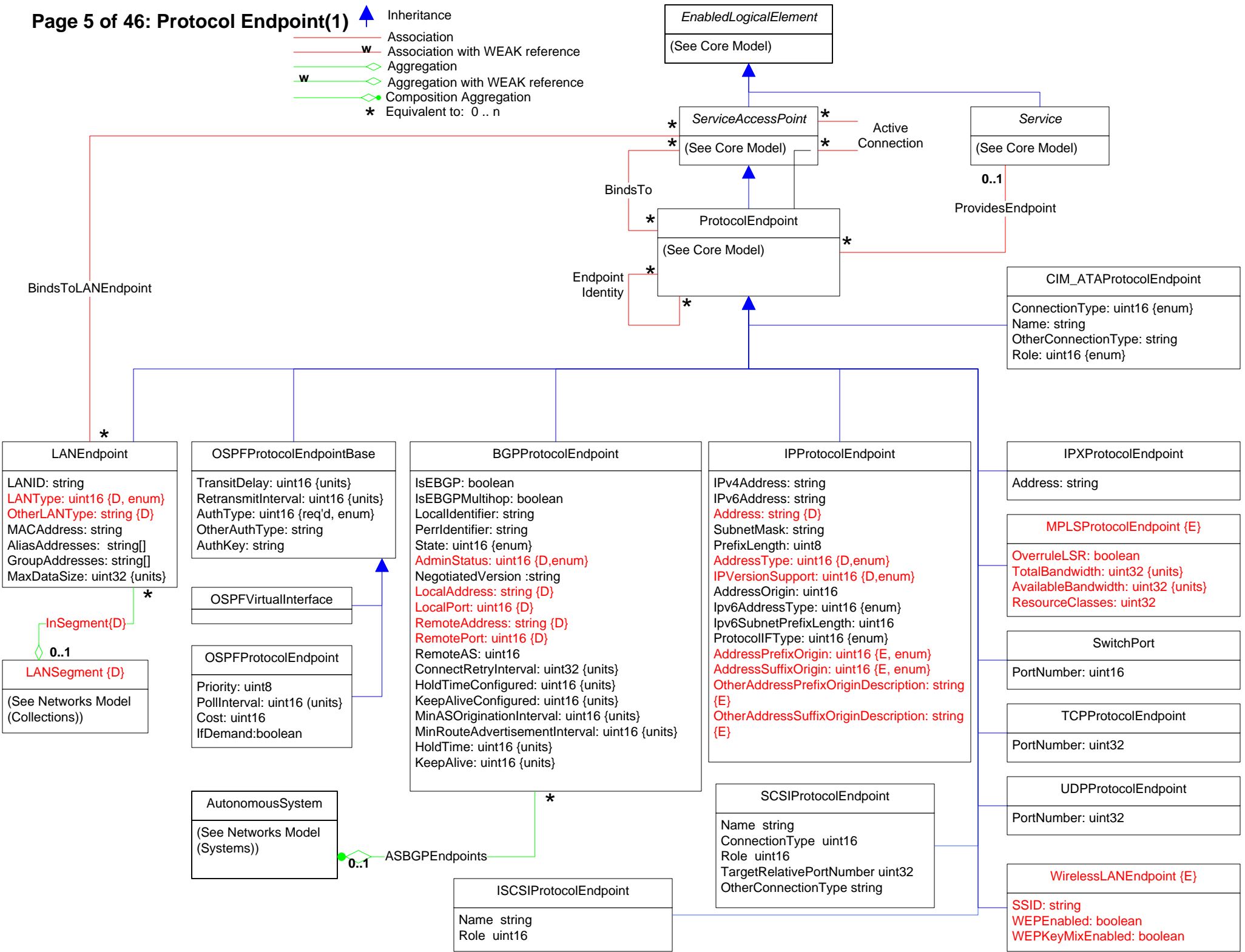
-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0 .. n



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



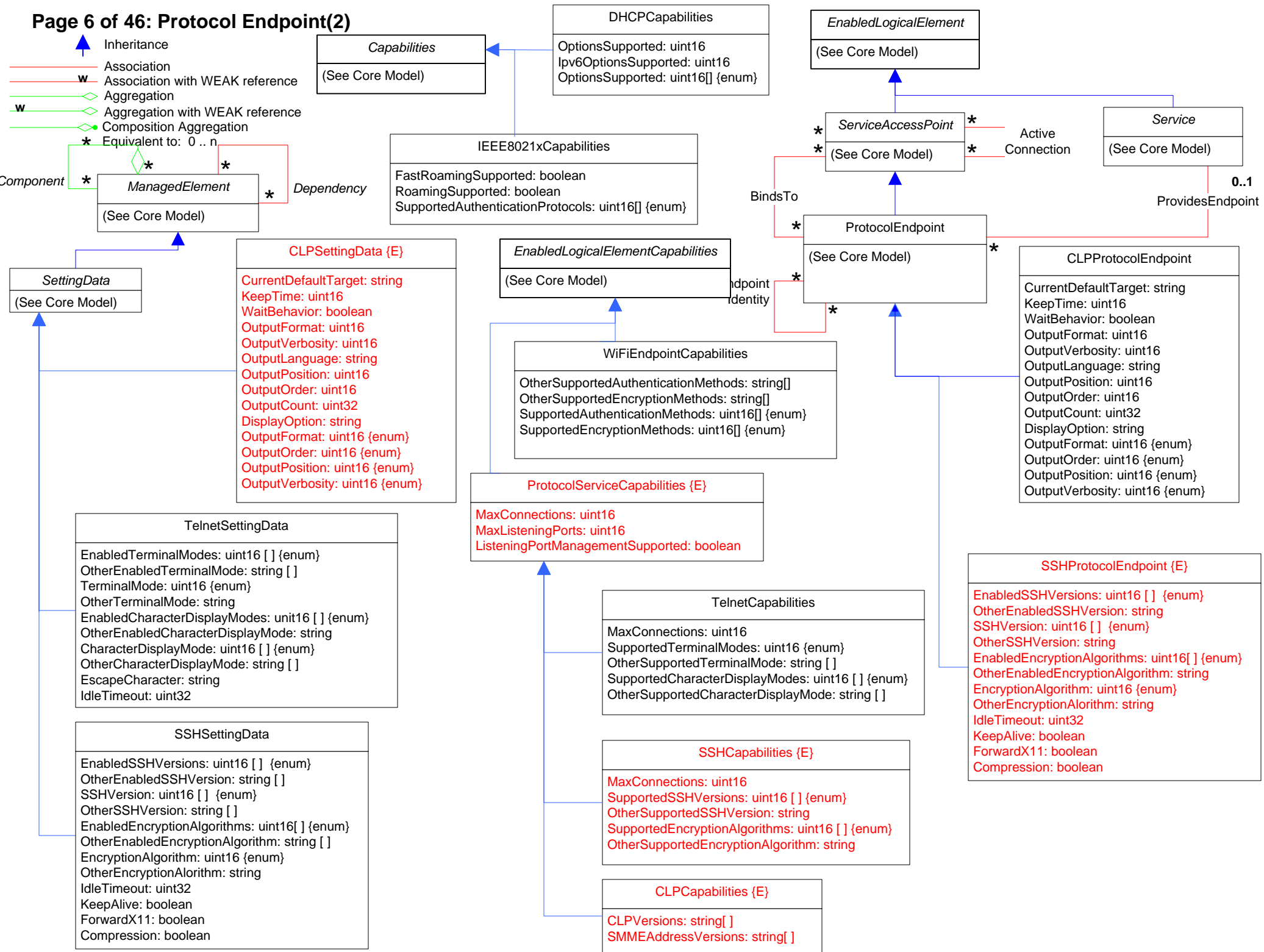
- Inheritance
- Association
- Association with WEAK reference
- Aggregation
- Aggregation with WEAK reference
- Composition Aggregation
- Equivalent to: 0 .. n

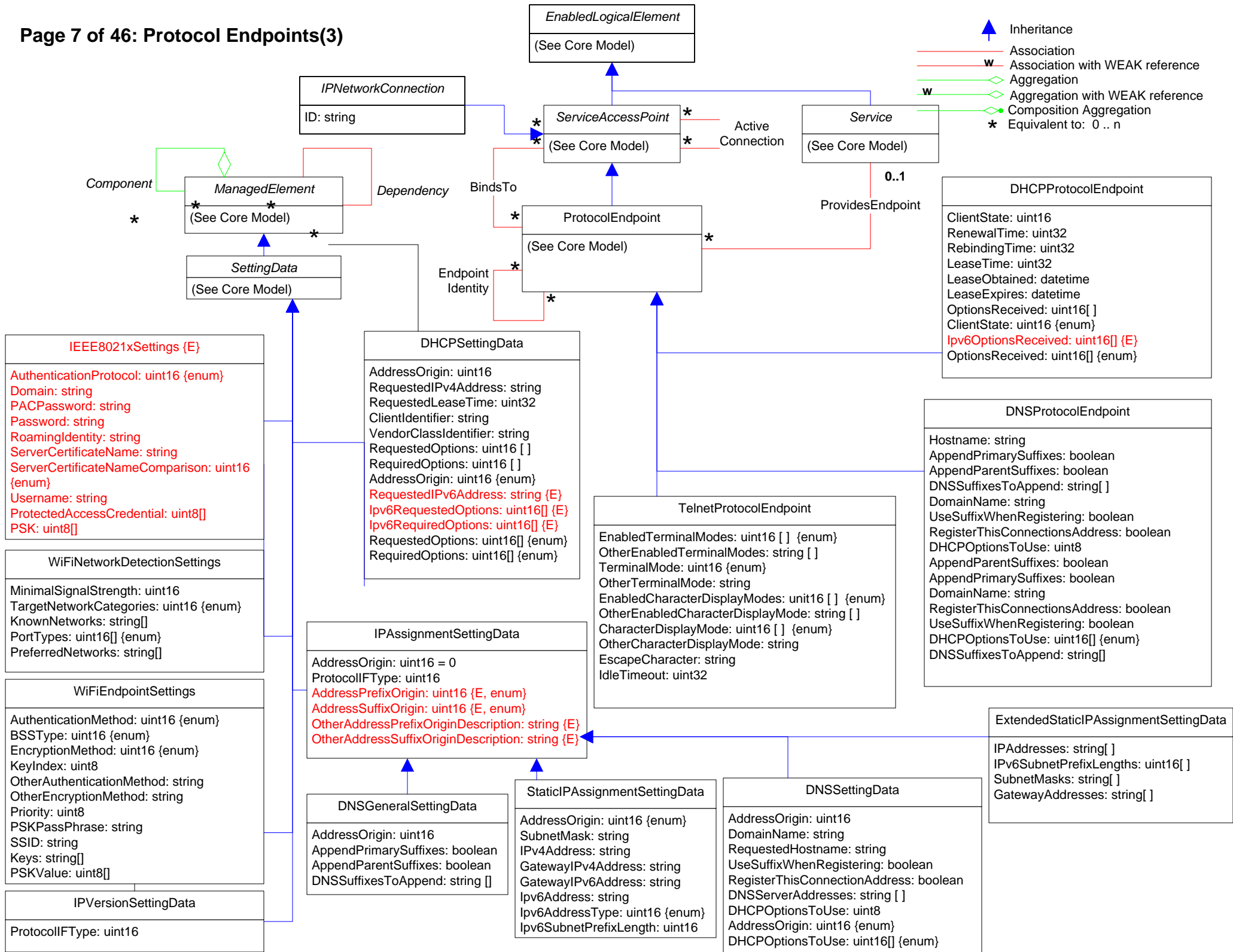


Page 6 of 46: Protocol Endpoint(2)

- ▲ Inheritance
- Association
- **w** Association with WEAK reference
- ◇ Aggregation
- ◇ **w** Aggregation with WEAK reference
- ◇ **•** Composition Aggregation
- * Equivalent to: 0 .. n

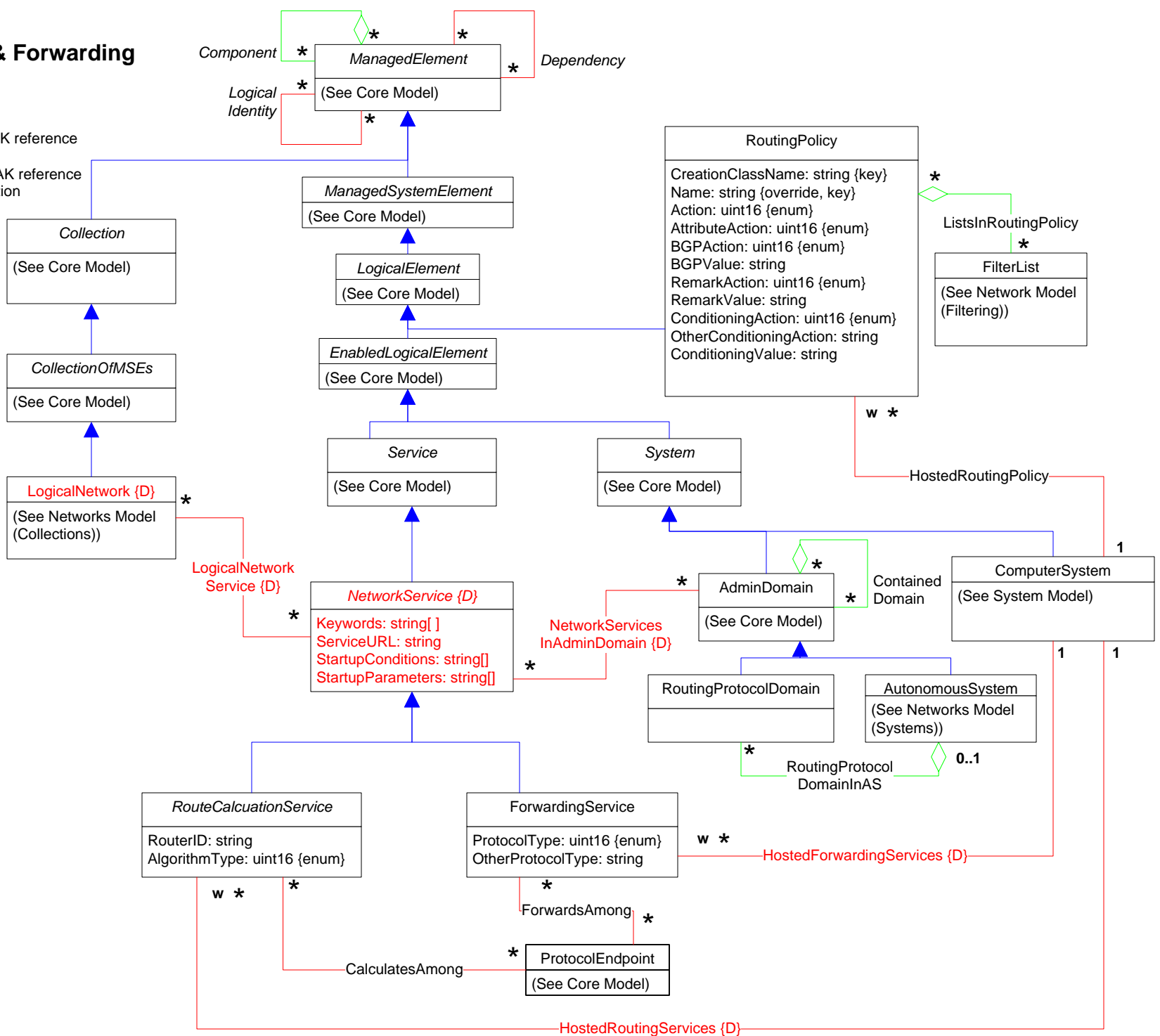
Component

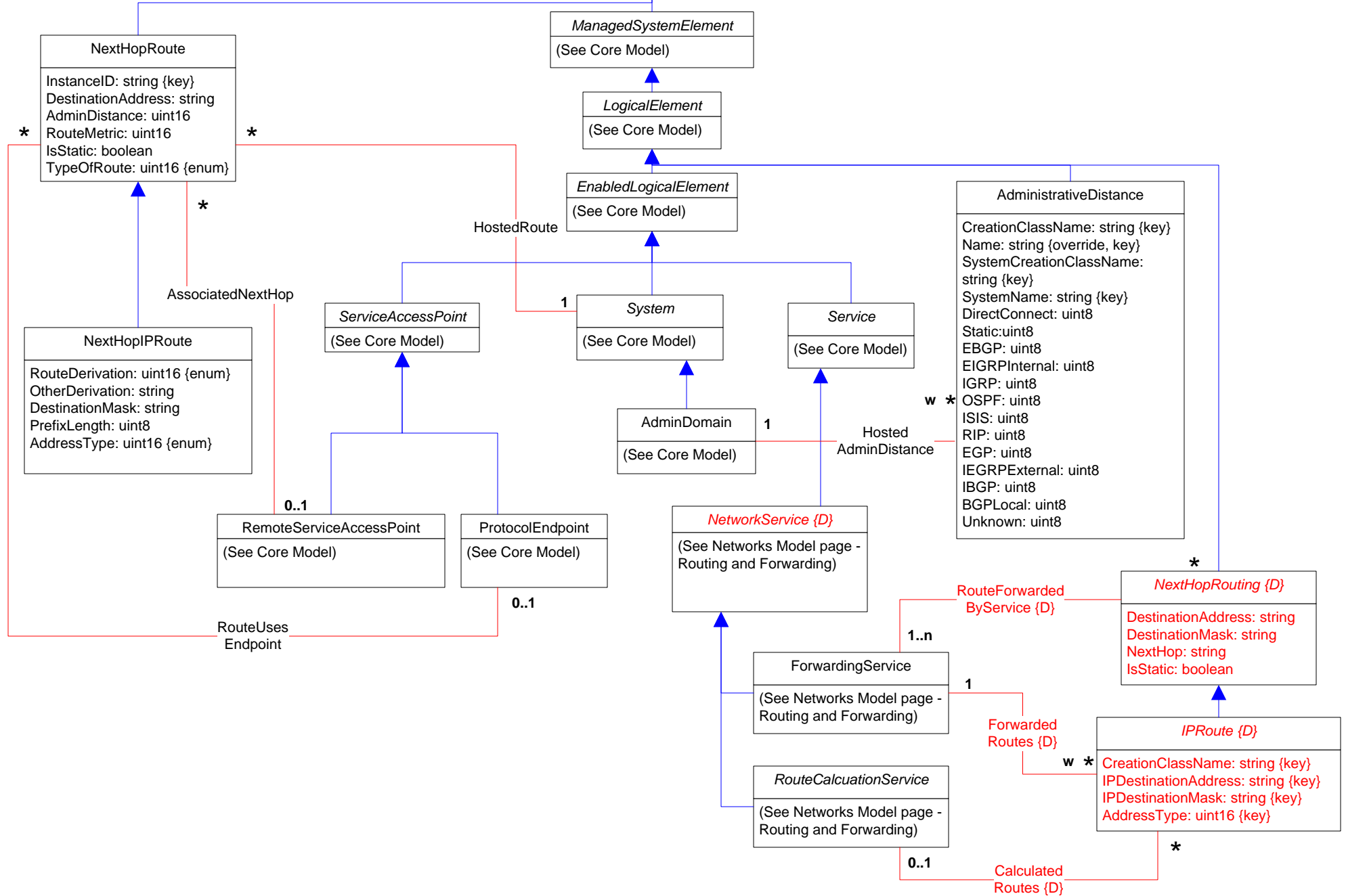
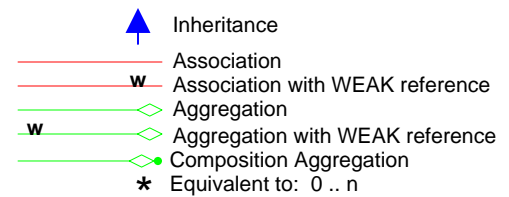
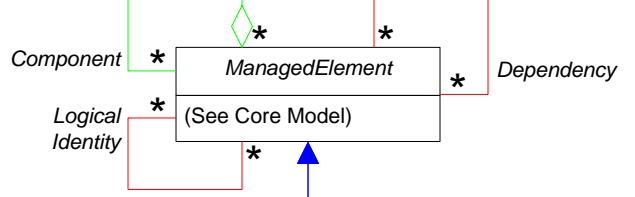





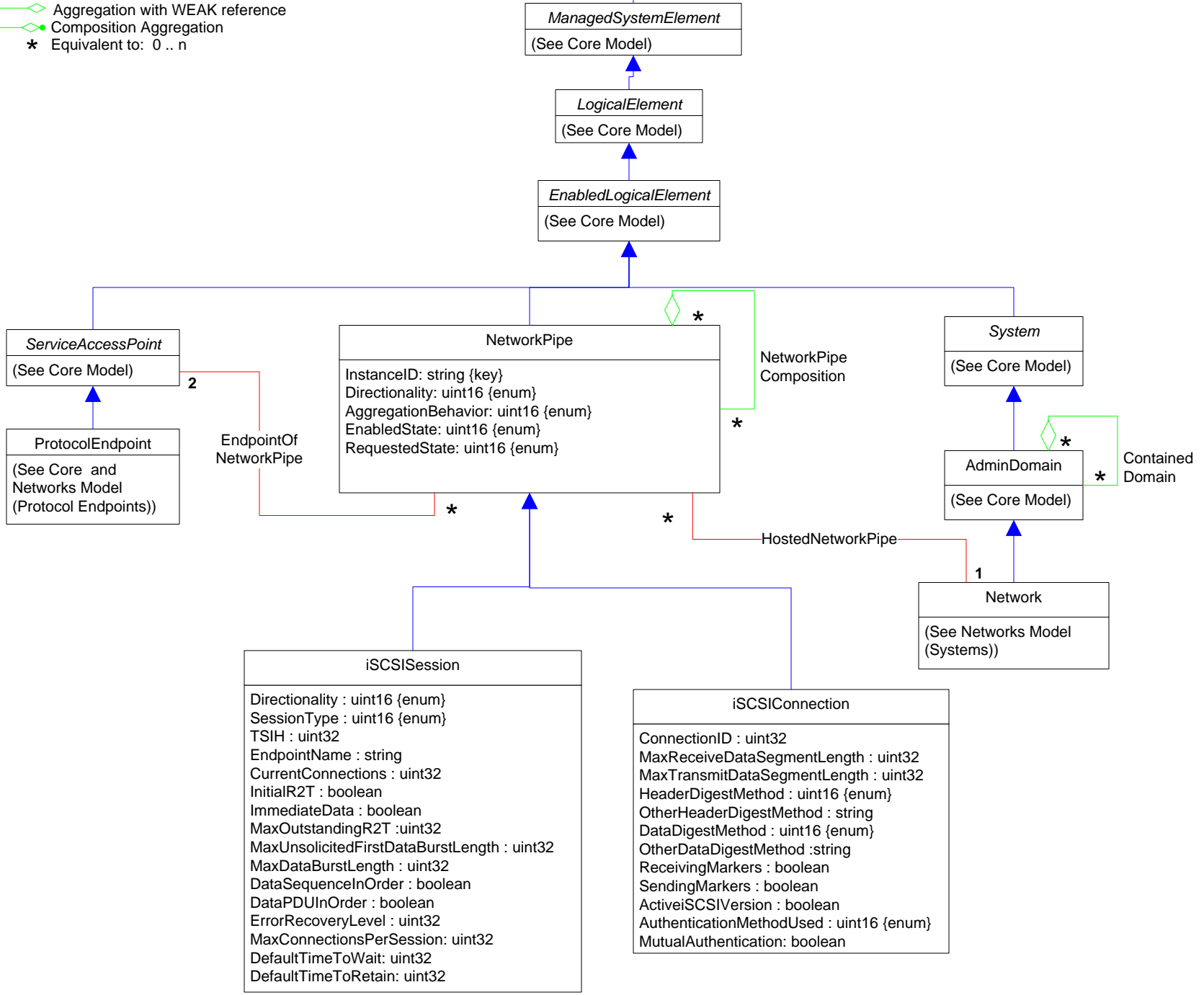
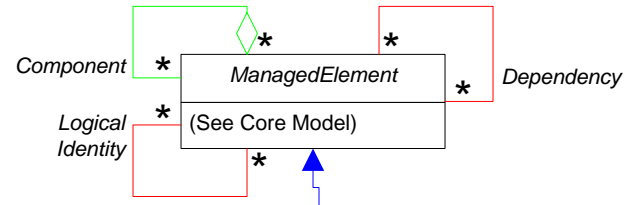
Page 8 of 46: Routing & Forwarding








- ▲ Inheritance
- Association
- w Association with WEAK reference
- ◇ Aggregation
- w◇ Aggregation with WEAK reference
- ◇ Composition Aggregation
- * Equivalent to: 0..n

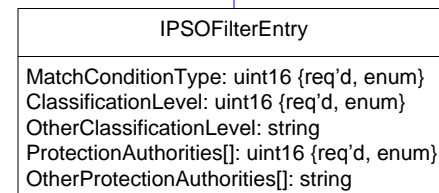
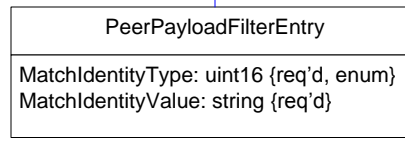
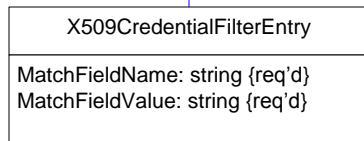
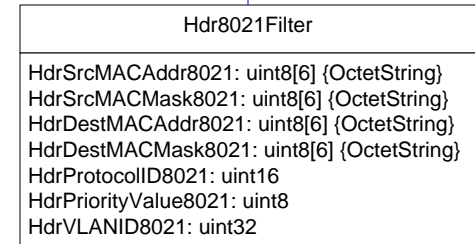
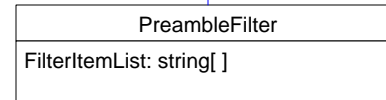
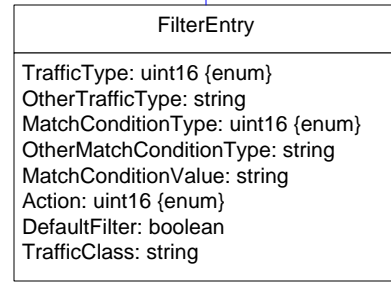
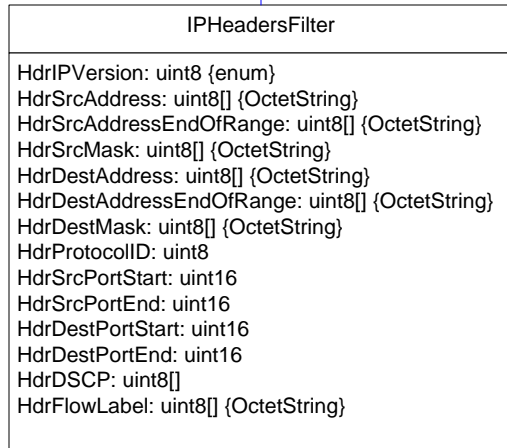
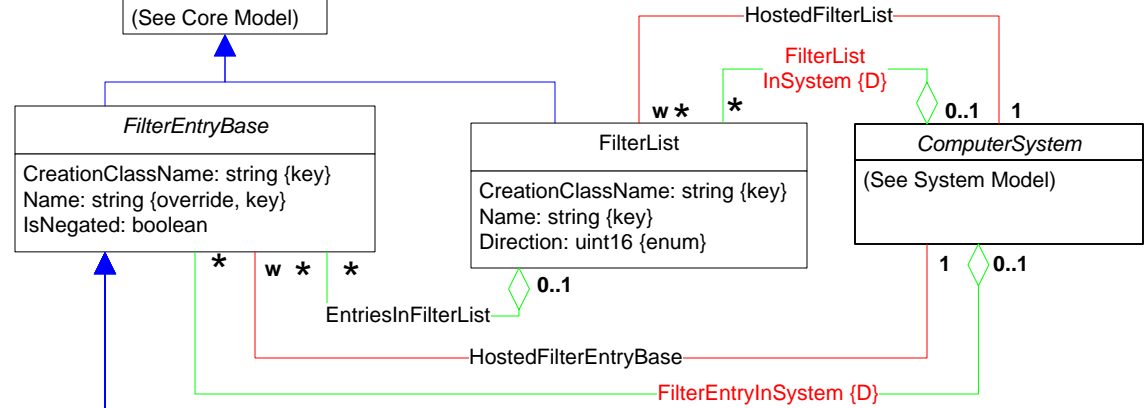
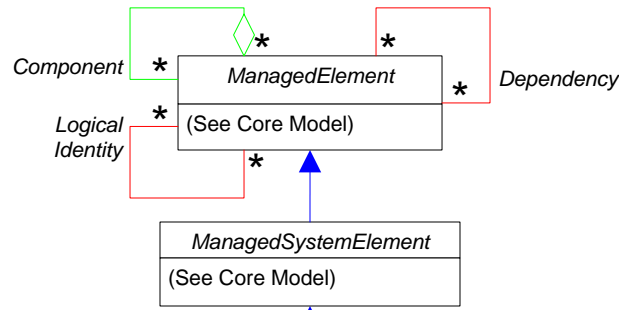











-  Inheritance
- Association
- Association with WEAK reference
- Aggregation
- Aggregation with WEAK reference
- Composition Aggregation
- Equivalent to: 0 .. n

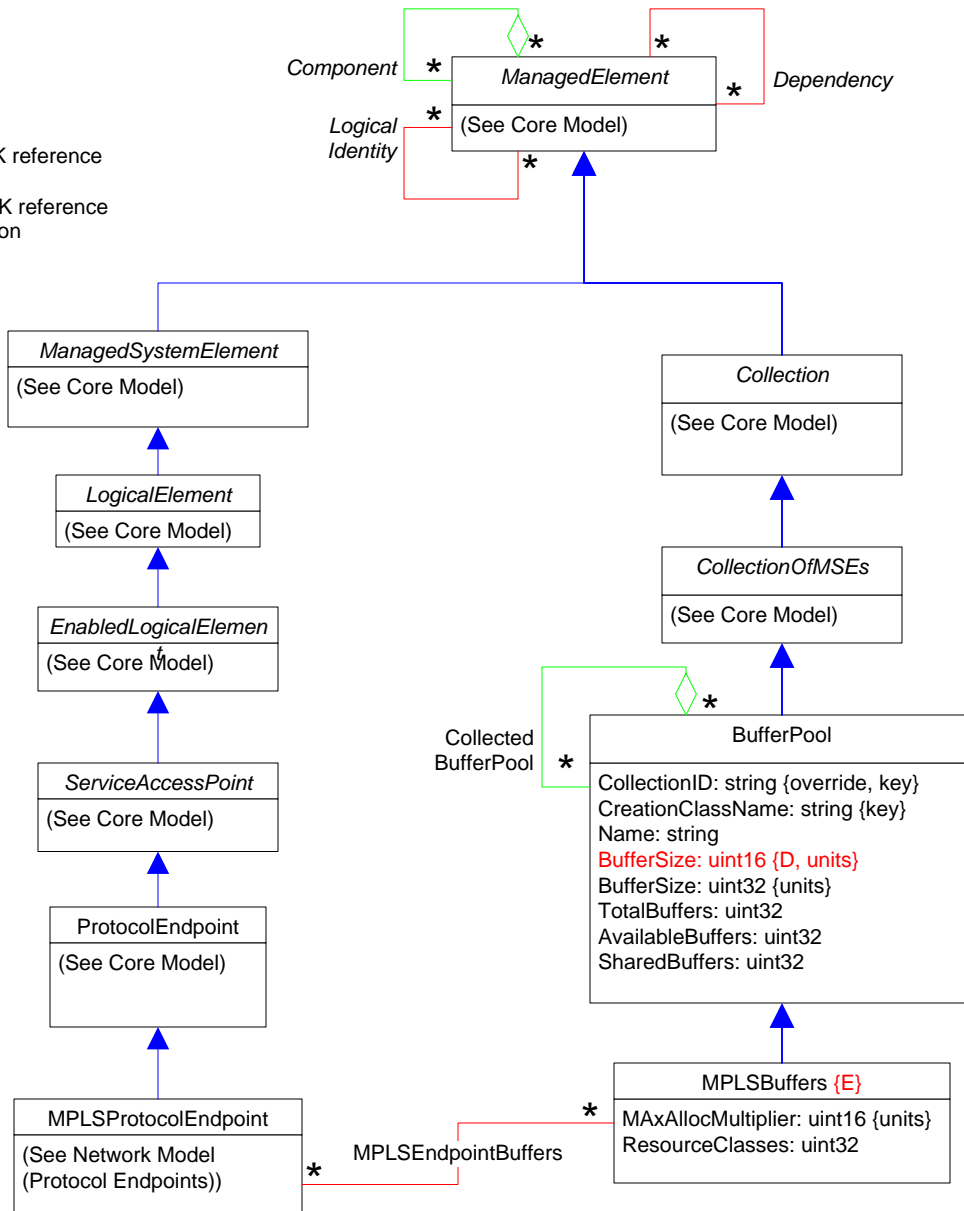


-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0..n










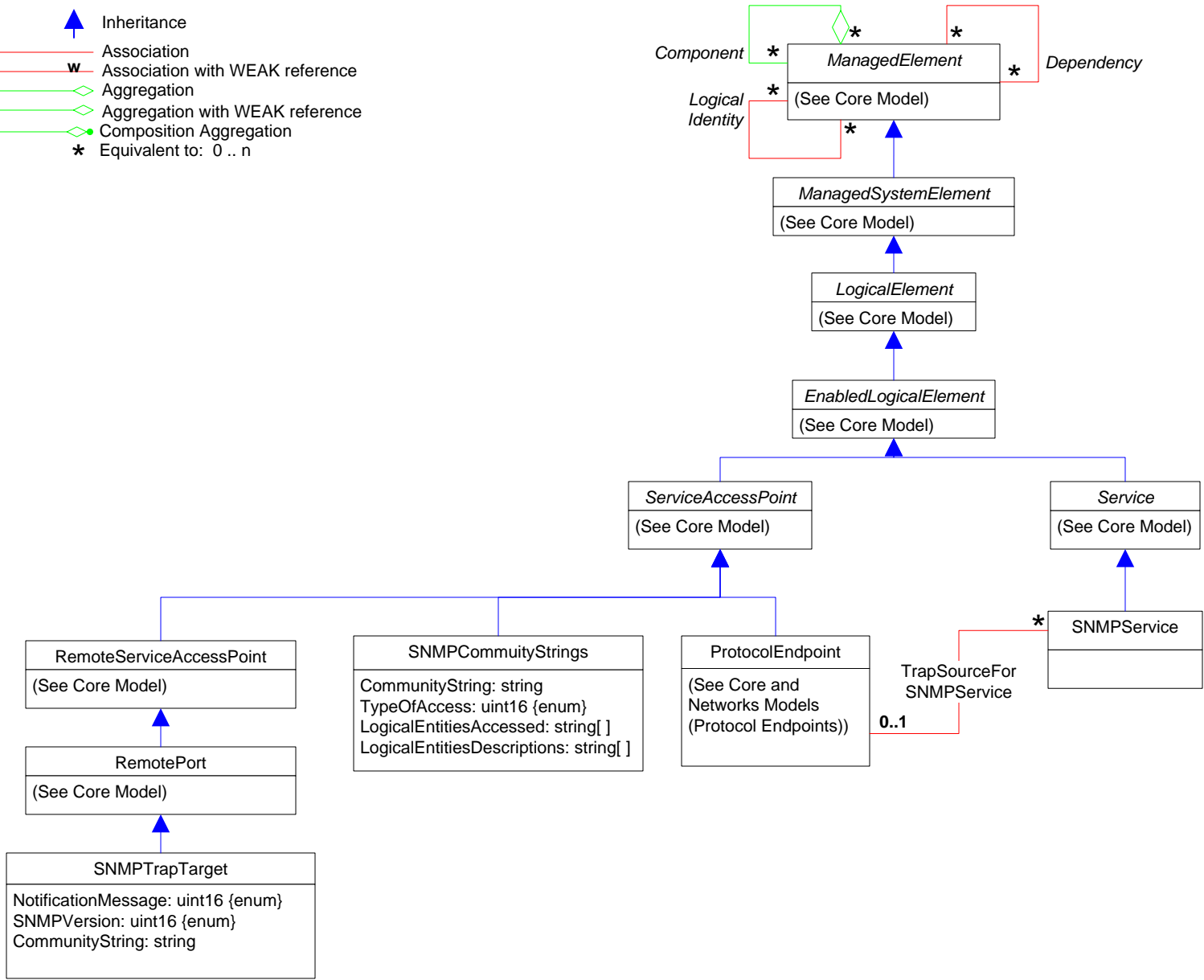
Page 12 of 46: Buffers

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

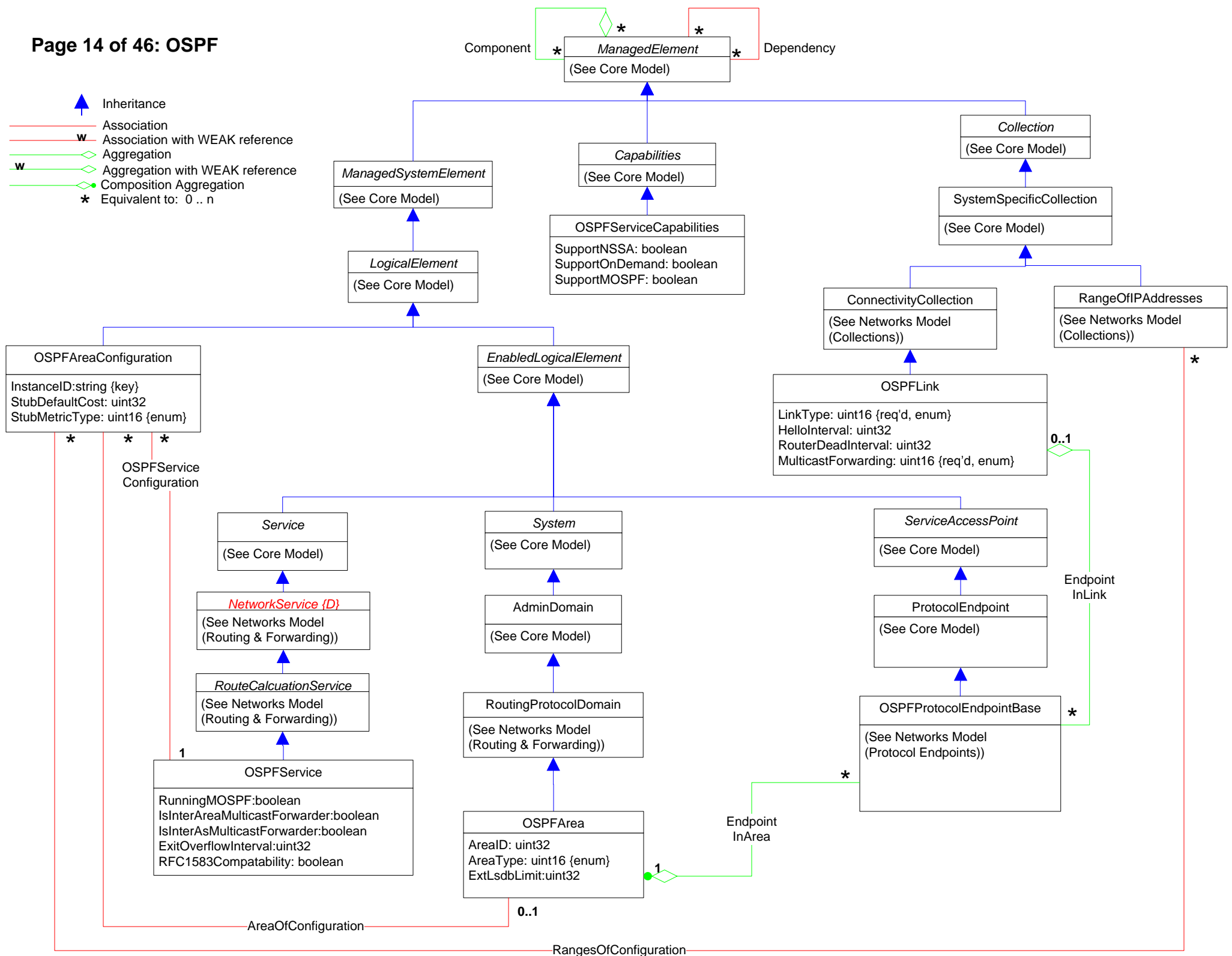









Page 13 of 46: SNMP

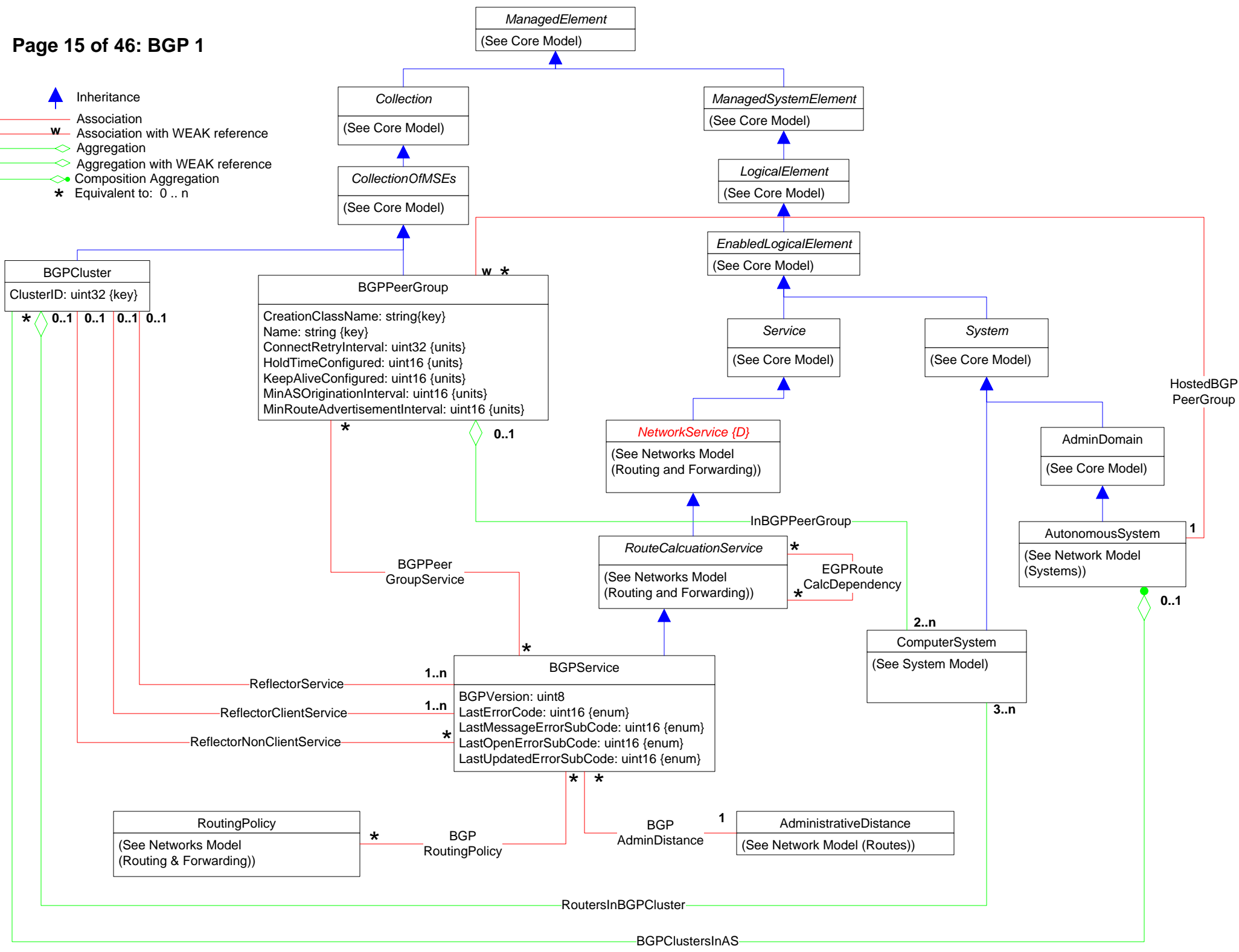
-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0..n

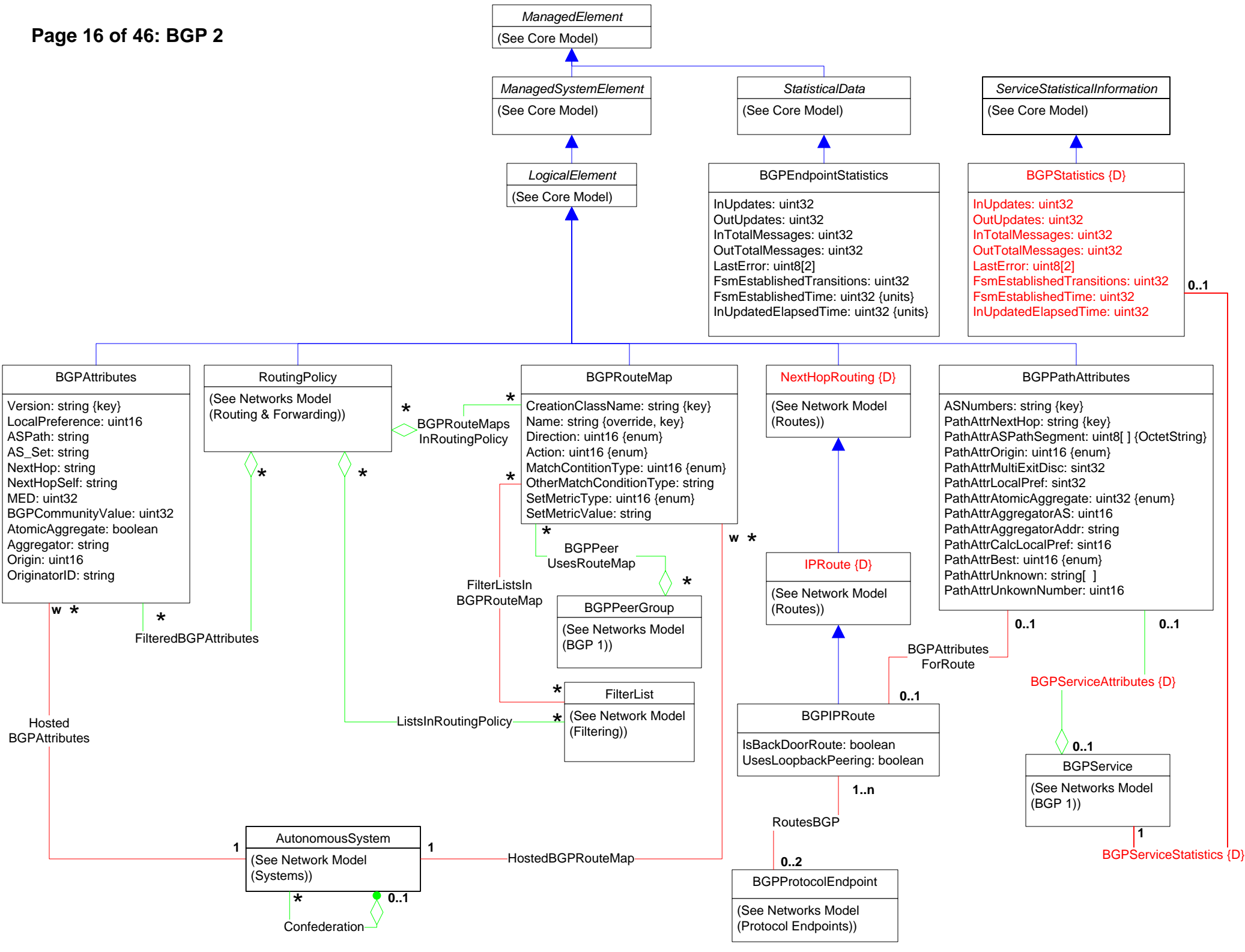
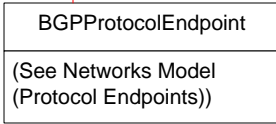
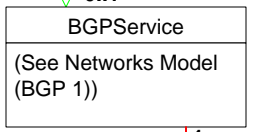
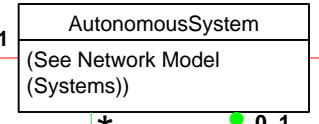
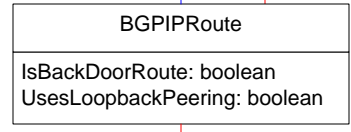
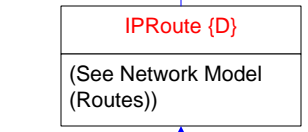
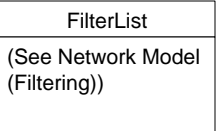
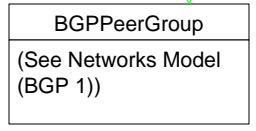
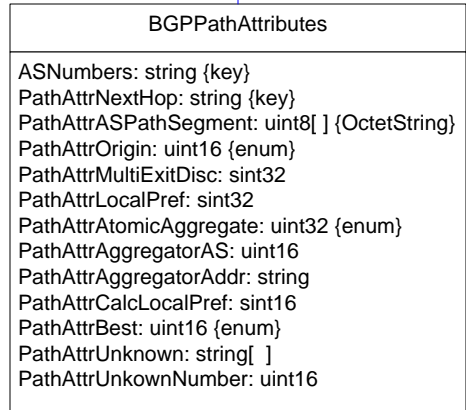
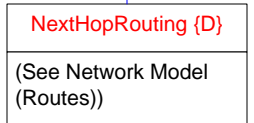
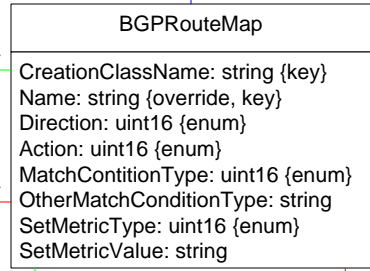
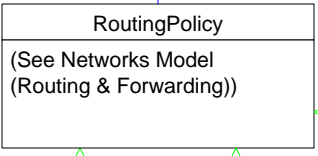
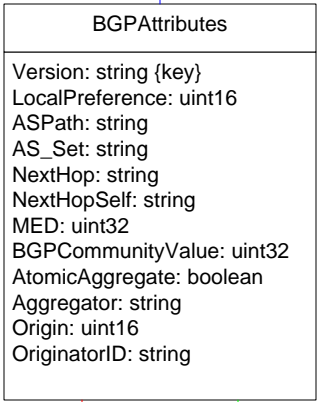
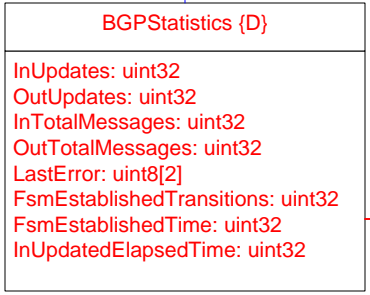
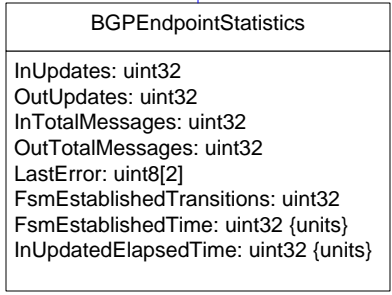
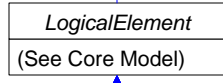
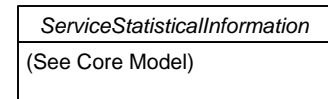
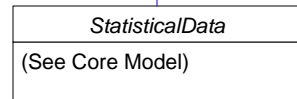
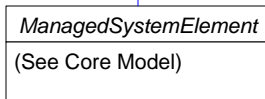
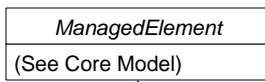


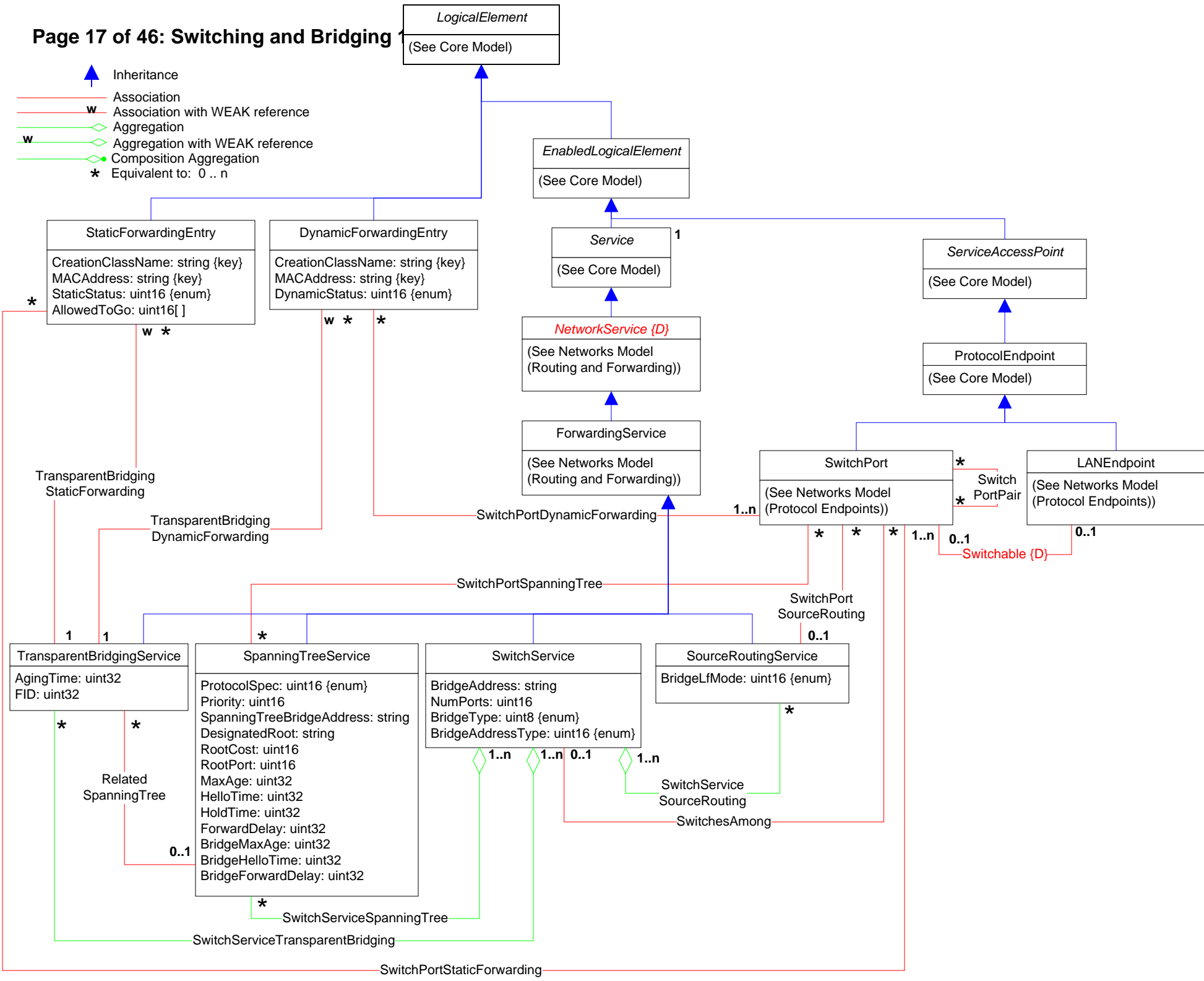
- Inheritance
- Association
- Association with WEAK reference
- Aggregation
- Aggregation with WEAK reference
- Composition Aggregation
- Equivalent to: 0 .. n



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







- ▲ Inheritance
- Association
- w Association with WEAK reference
- ◇ Aggregation
- w◇ Aggregation with WEAK reference
- ◆ Composition Aggregation
- * Equivalent to: 0..n

StaticForwardingEntry

CreationClassName: string {key}
 MACAddress: string {key}
 StaticStatus: uint16 {enum}
 AllowedToGo: uint16[]

DynamicForwardingEntry

CreationClassName: string {key}
 MACAddress: string {key}
 DynamicStatus: uint16 {enum}

EnabledLogicalElement

(See Core Model)

Service

(See Core Model)

NetworkService {D}

(See Networks Model (Routing and Forwarding))

ForwardingService

(See Networks Model (Routing and Forwarding))

ServiceAccessPoint

(See Core Model)

ProtocolEndpoint

(See Core Model)

SwitchPort

(See Networks Model (Protocol Endpoints))

LANEndpoint

(See Networks Model (Protocol Endpoints))

TransparentBridgingService

AgingTime: uint32
 FID: uint32

SpanningTreeService

ProtocolSpec: uint16 {enum}
 Priority: uint16
 SpanningTreeBridgeAddress: string
 DesignatedRoot: string
 RootCost: uint16
 RootPort: uint16
 MaxAge: uint32
 HelloTime: uint32
 HoldTime: uint32
 ForwardDelay: uint32
 BridgeMaxAge: uint32
 BridgeHelloTime: uint32
 BridgeForwardDelay: uint32

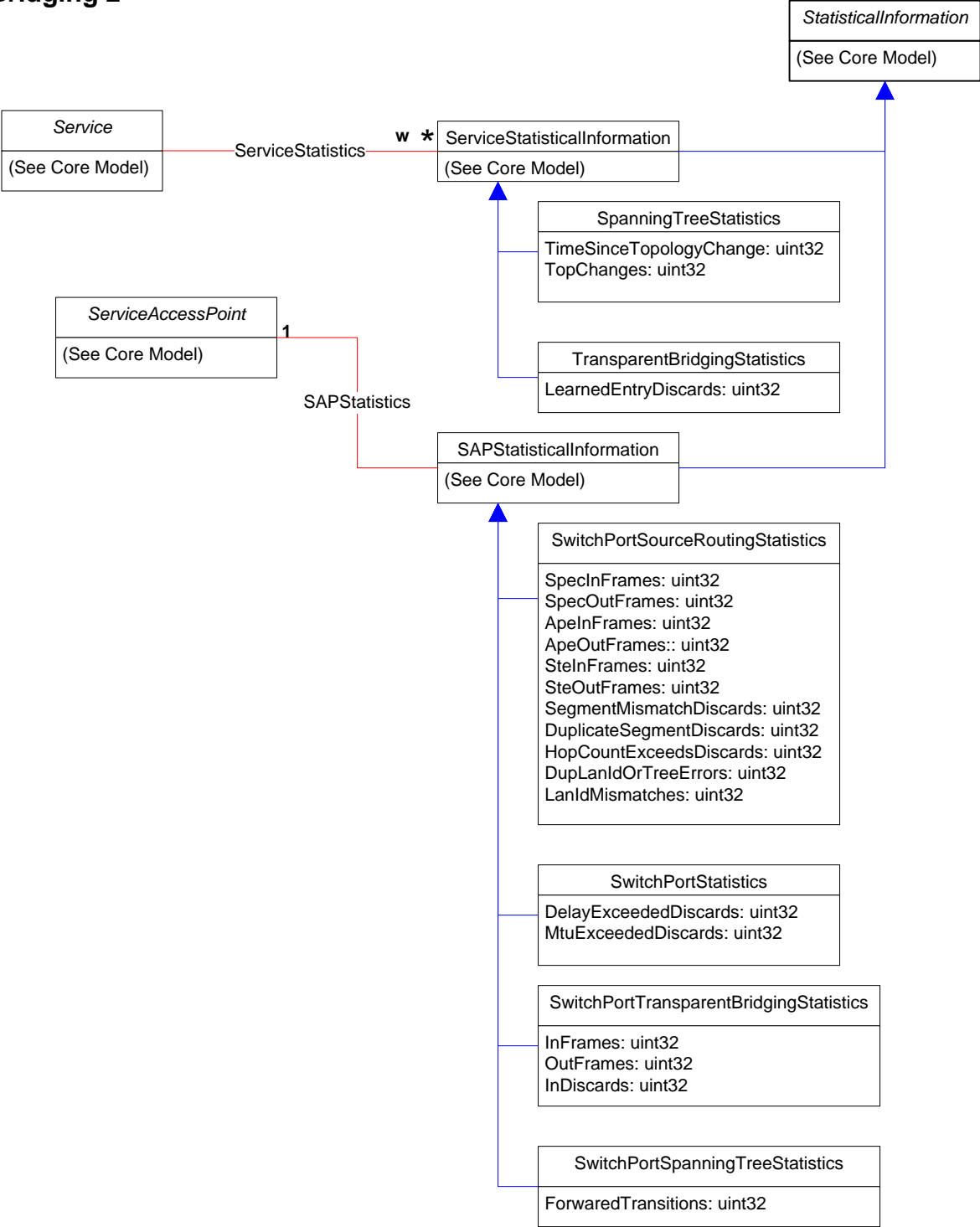
SwitchService

BridgeAddress: string
 NumPorts: uint16
 BridgeType: uint8 {enum}
 BridgeAddressType: uint16 {enum}








SourceRoutingService

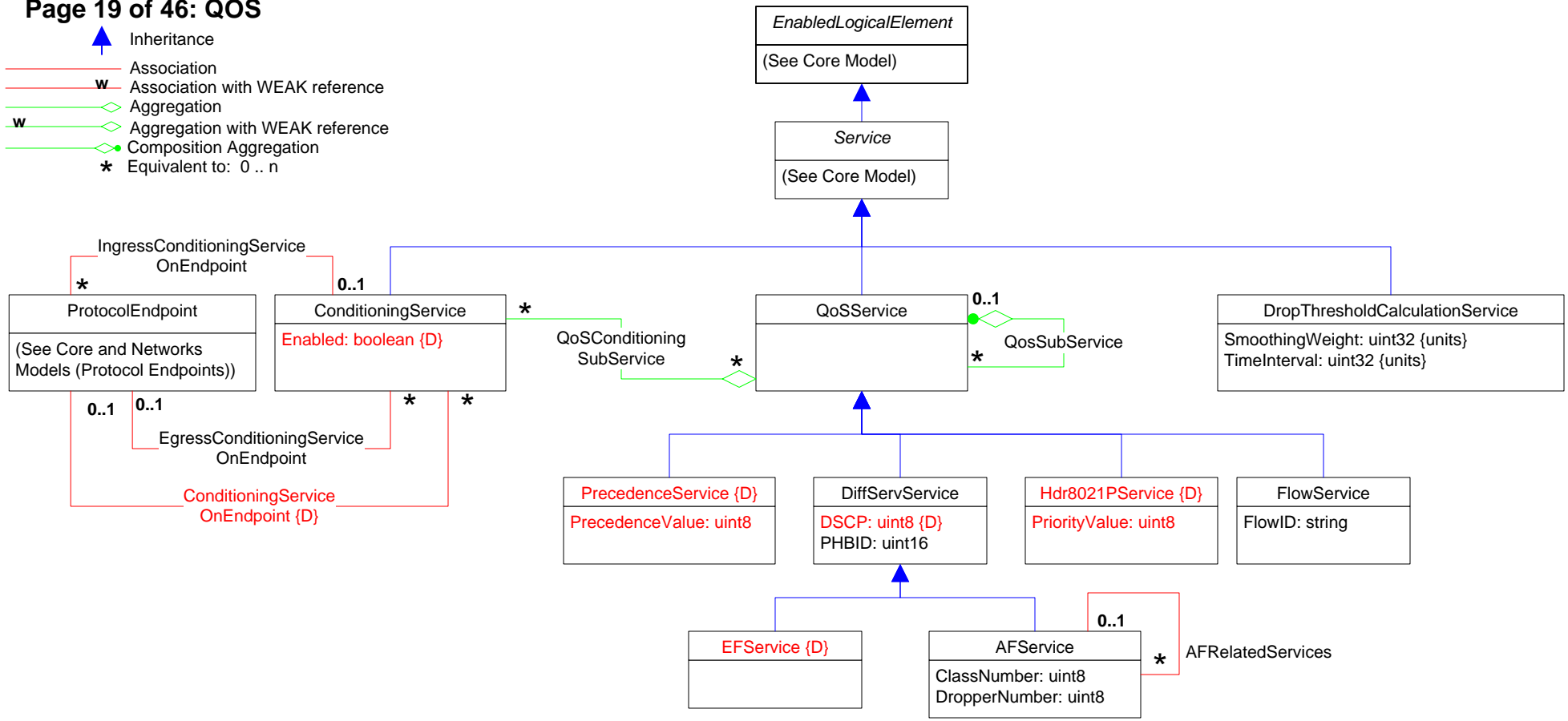
BridgeLfMode: uint16 {enum}

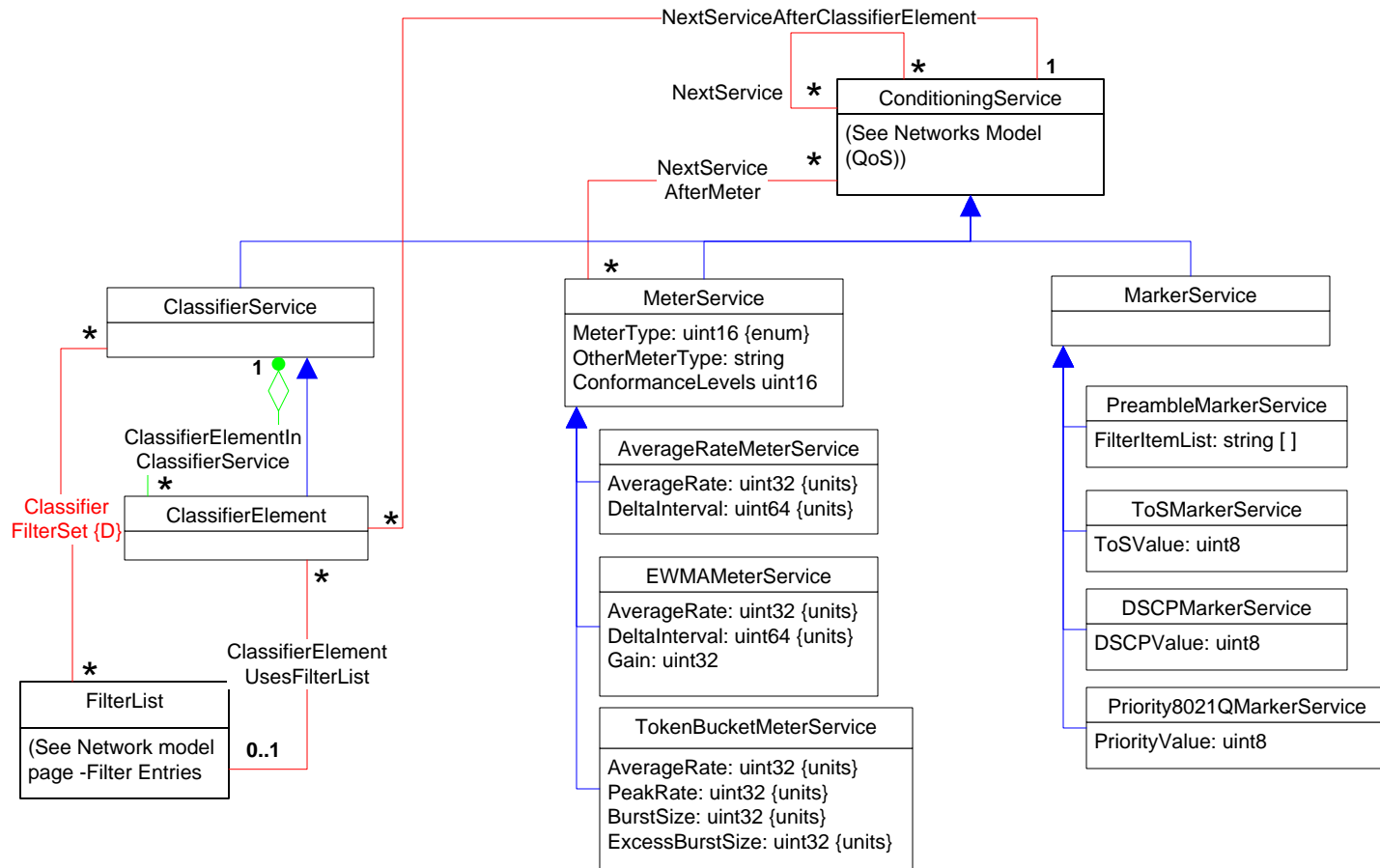
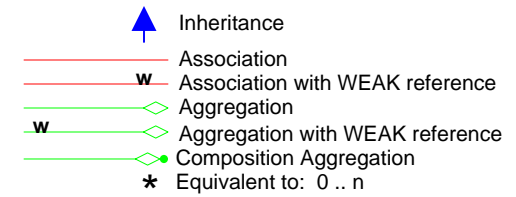
SwitchPortStaticForwarding

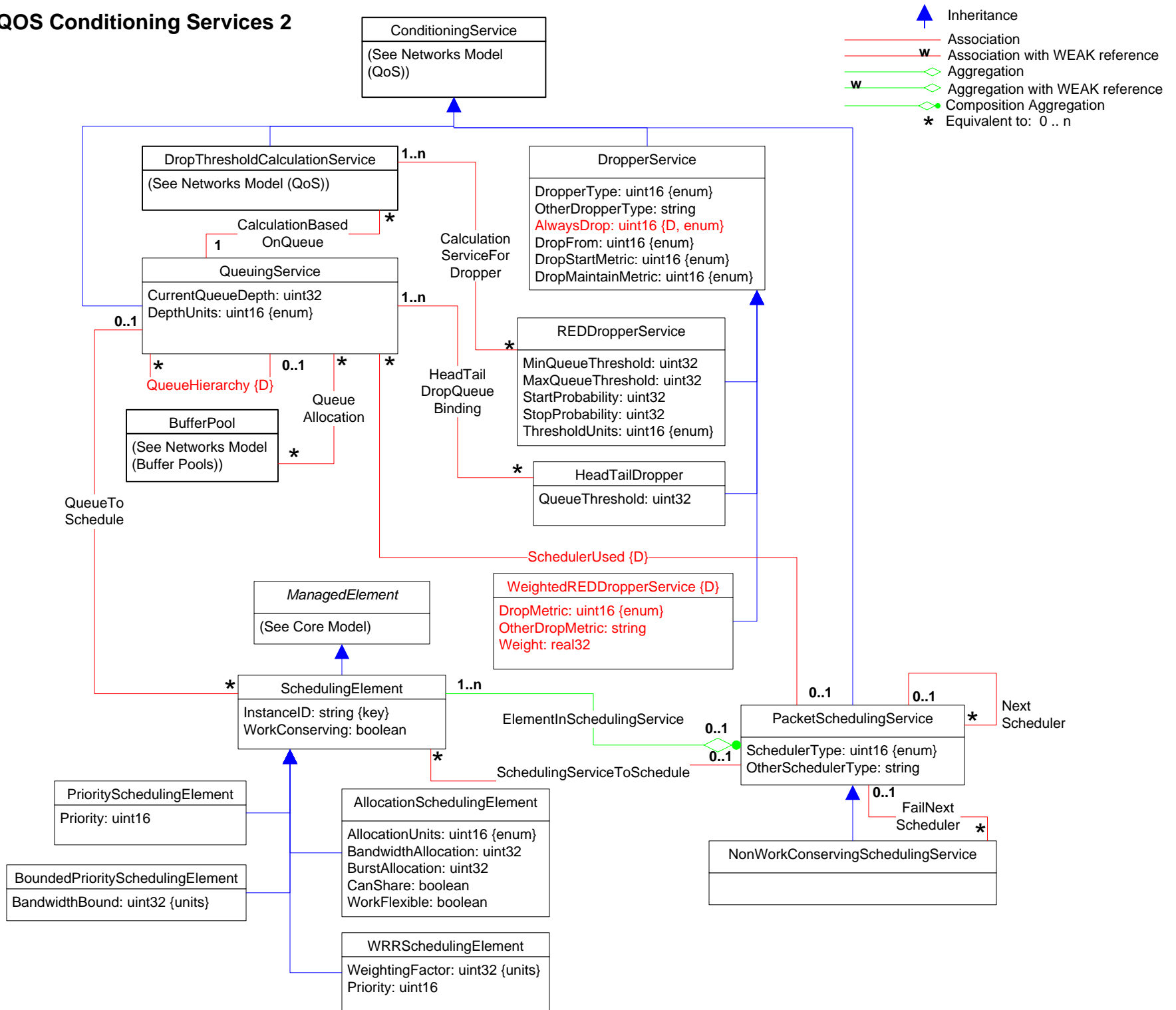


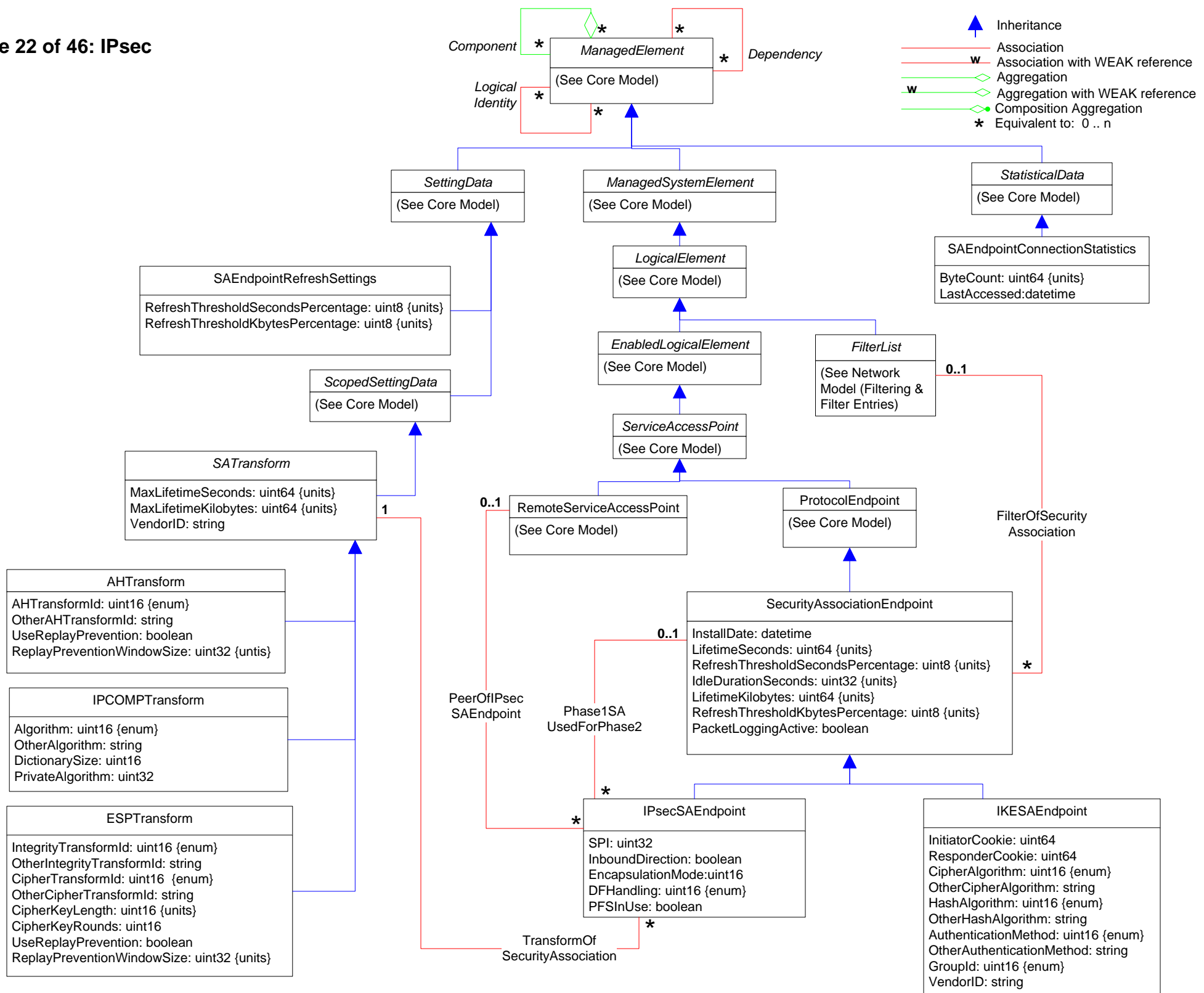
Page 19 of 46: QOS

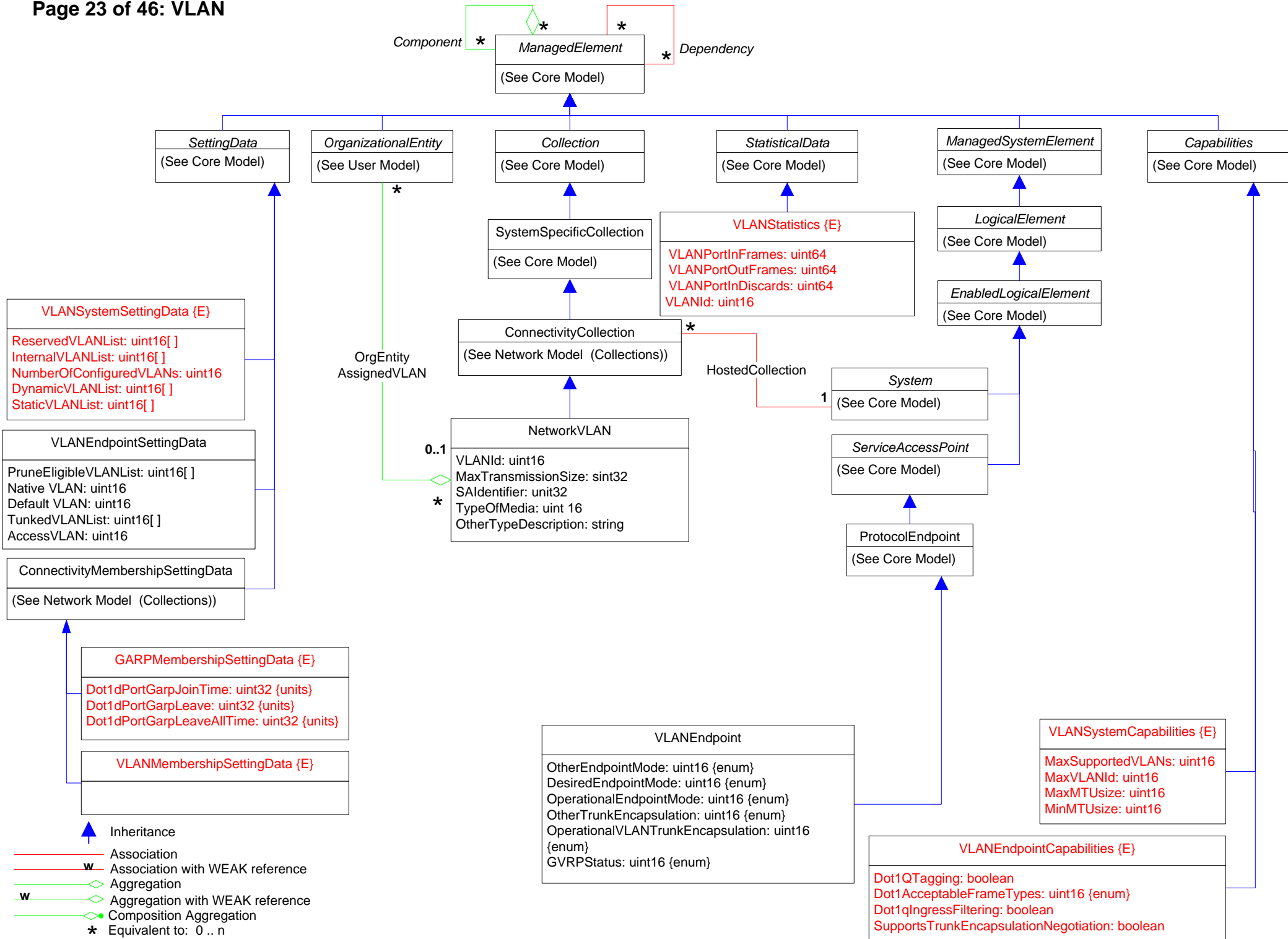
-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0..n



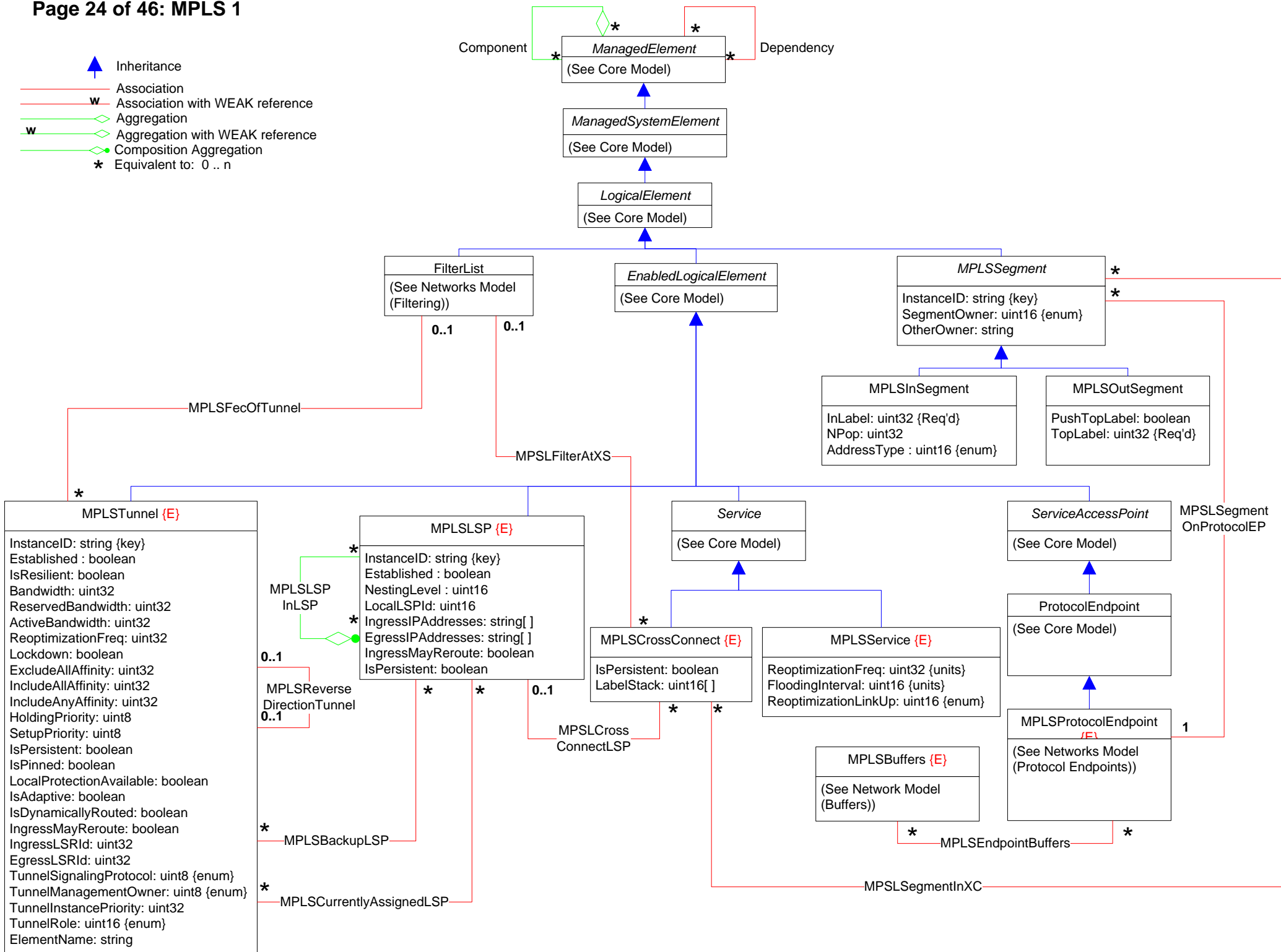
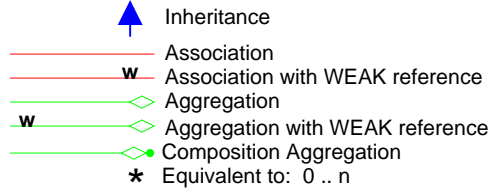


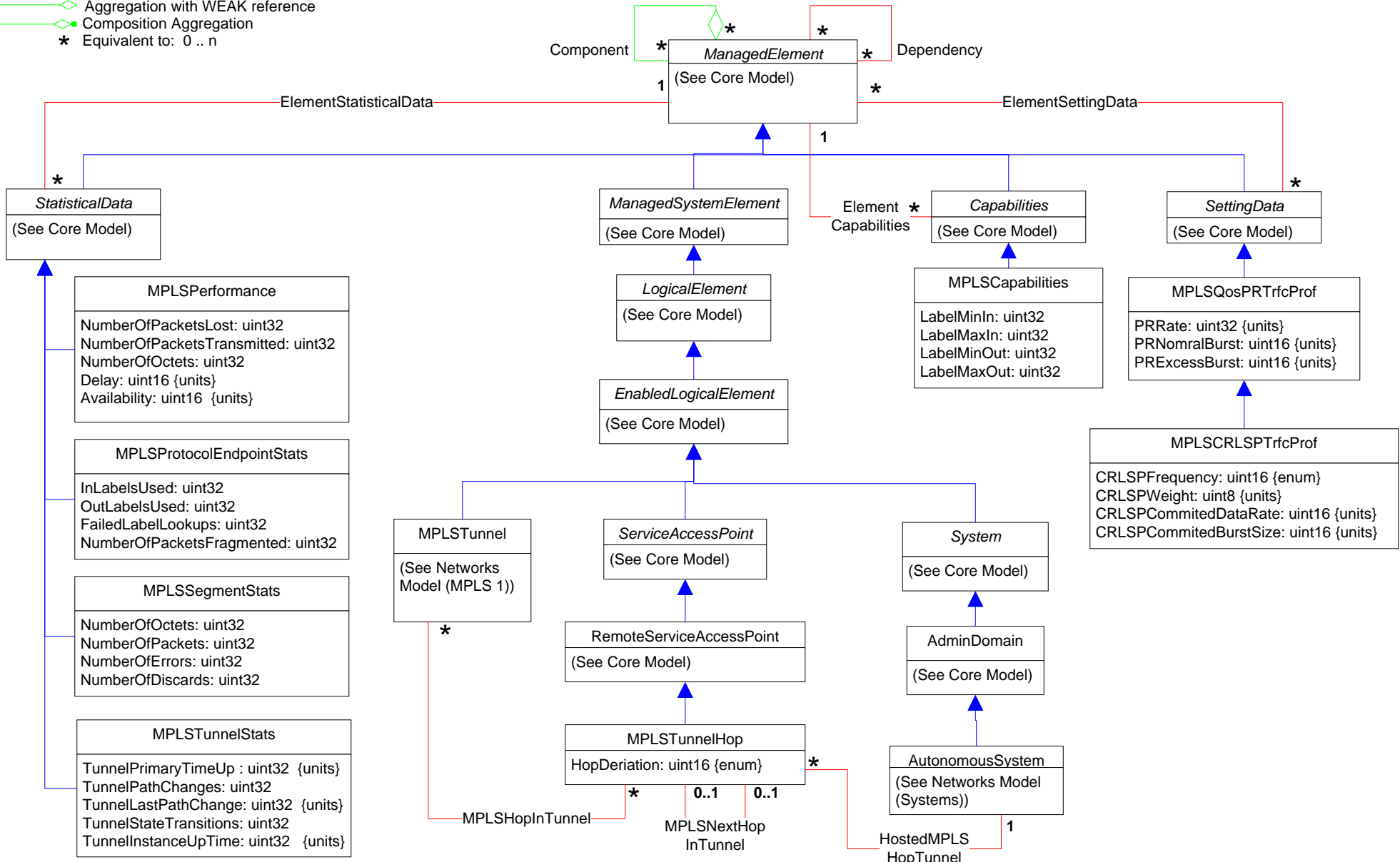
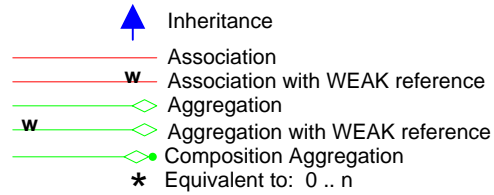


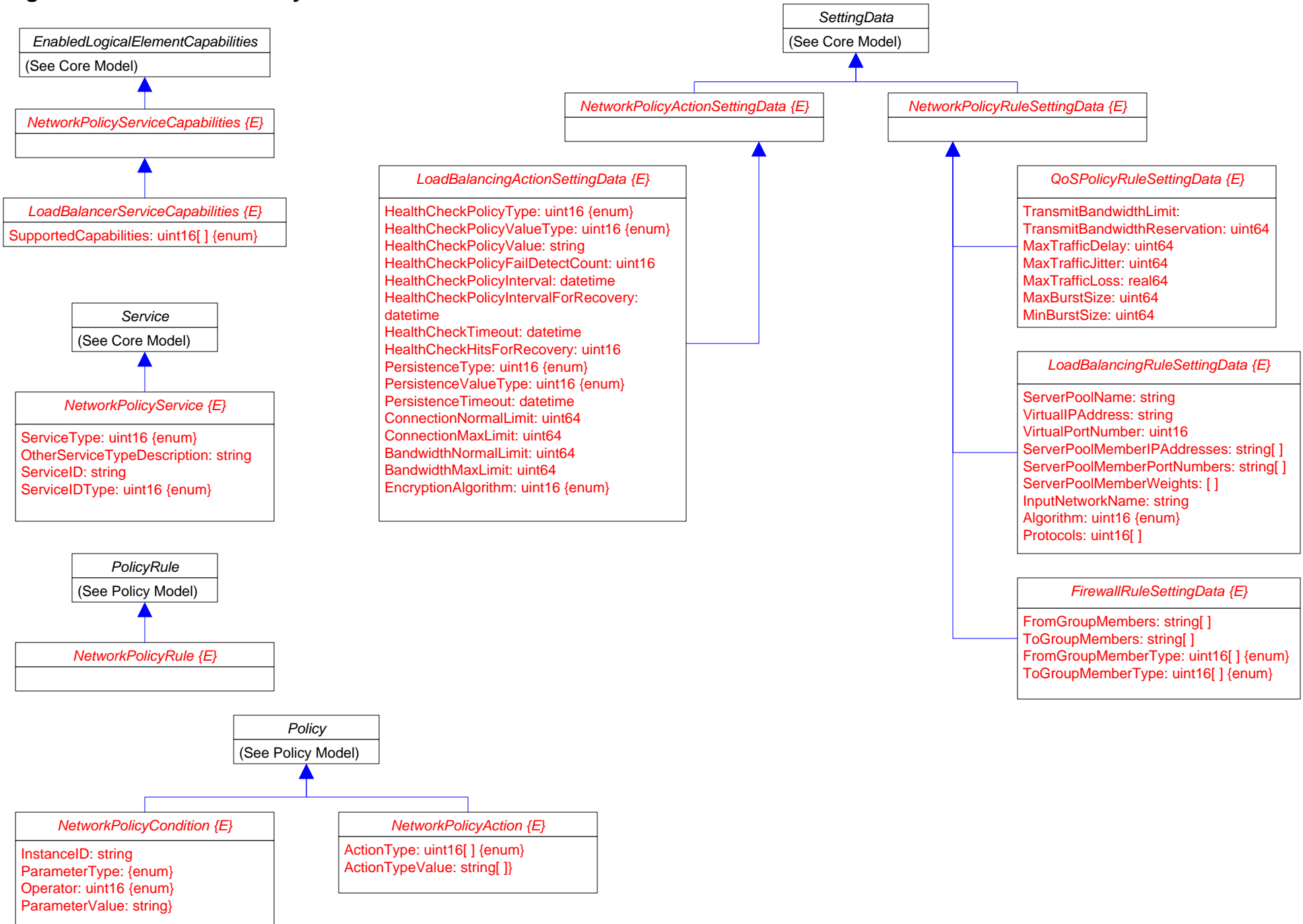











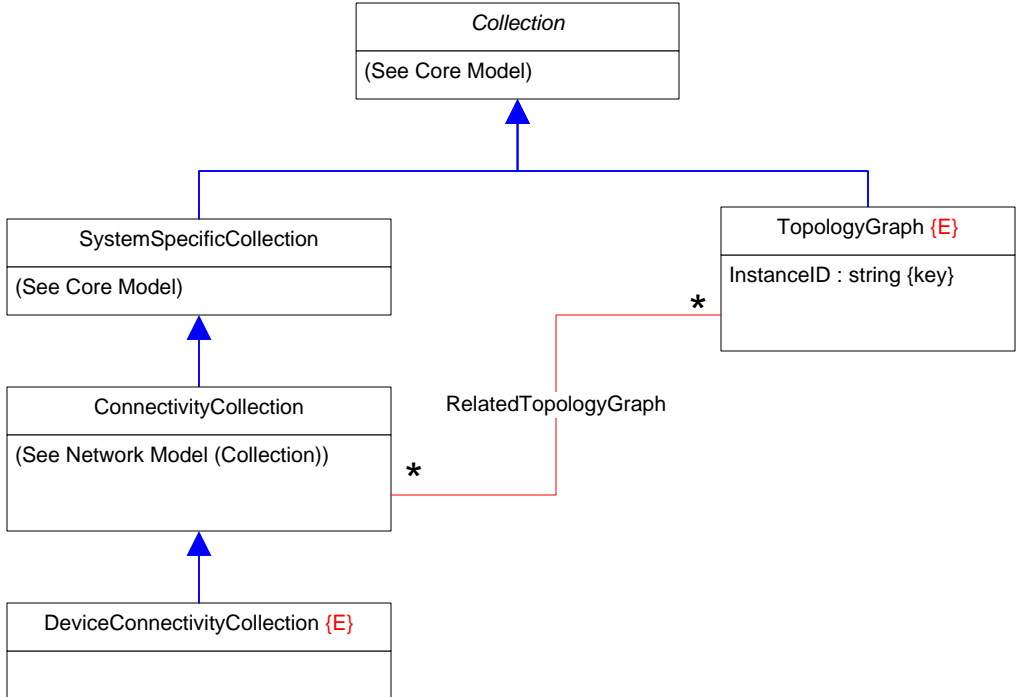
- Inheritance
- Association
- Association with WEAK reference
- Aggregation
- Aggregation with WEAK reference
- Composition Aggregation
- Equivalent to: 0..n

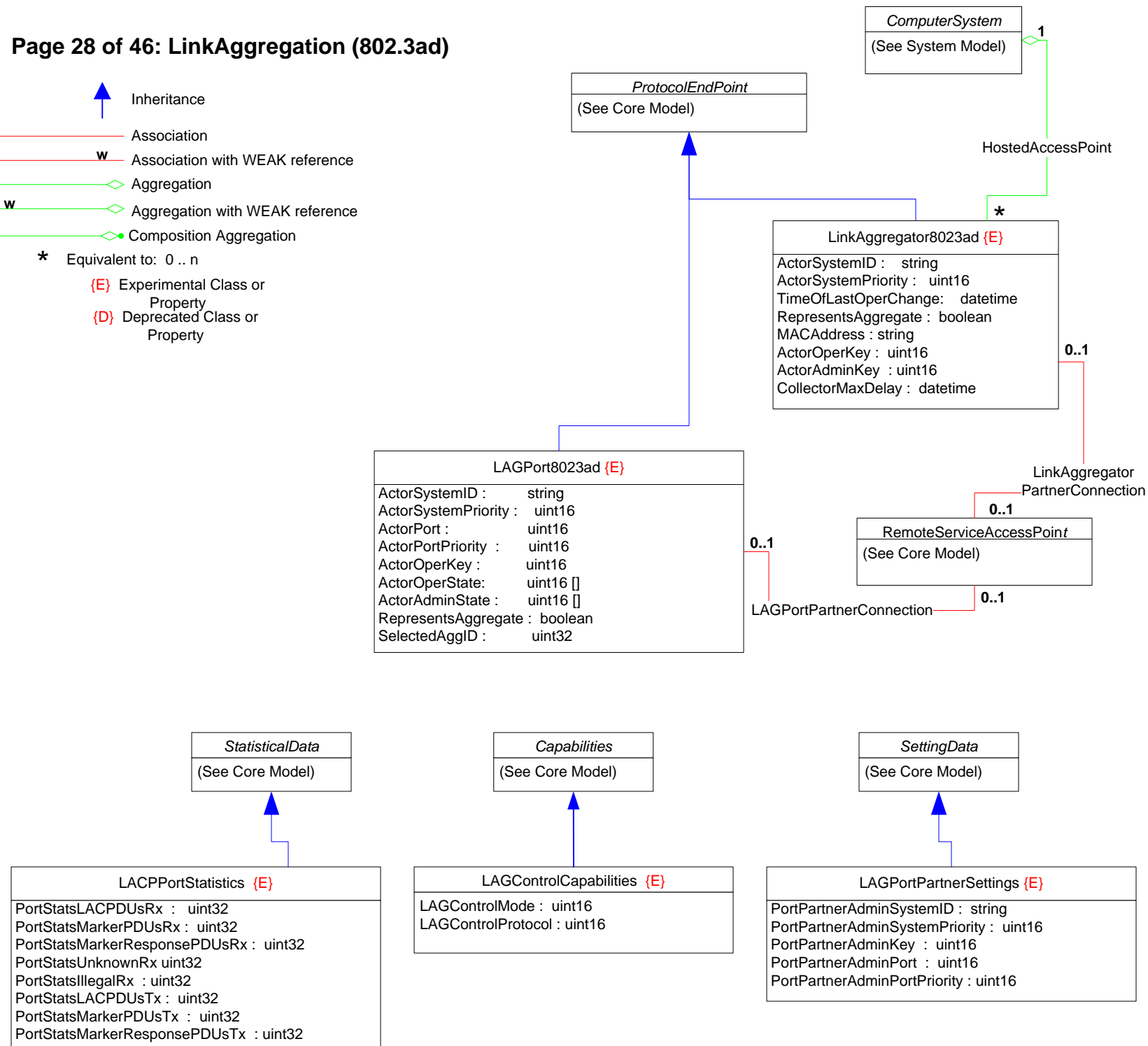
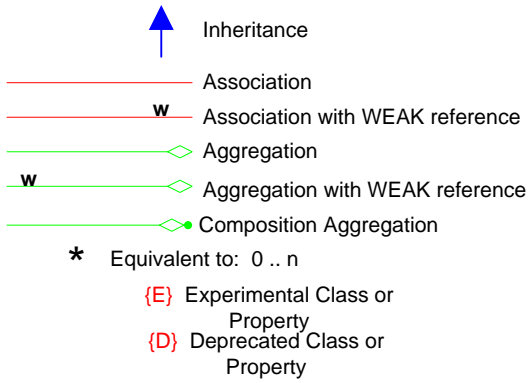




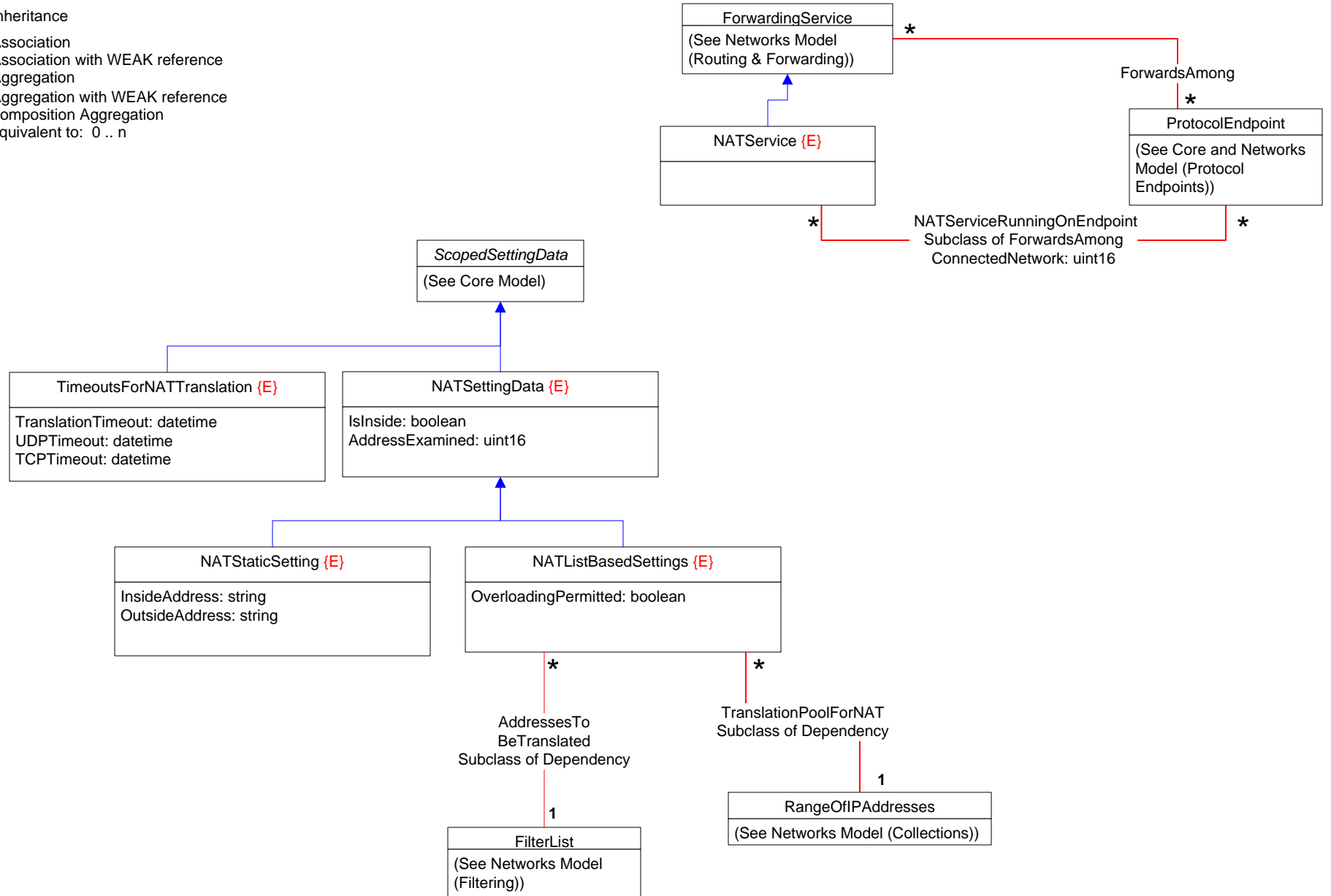
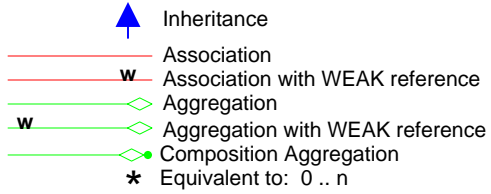


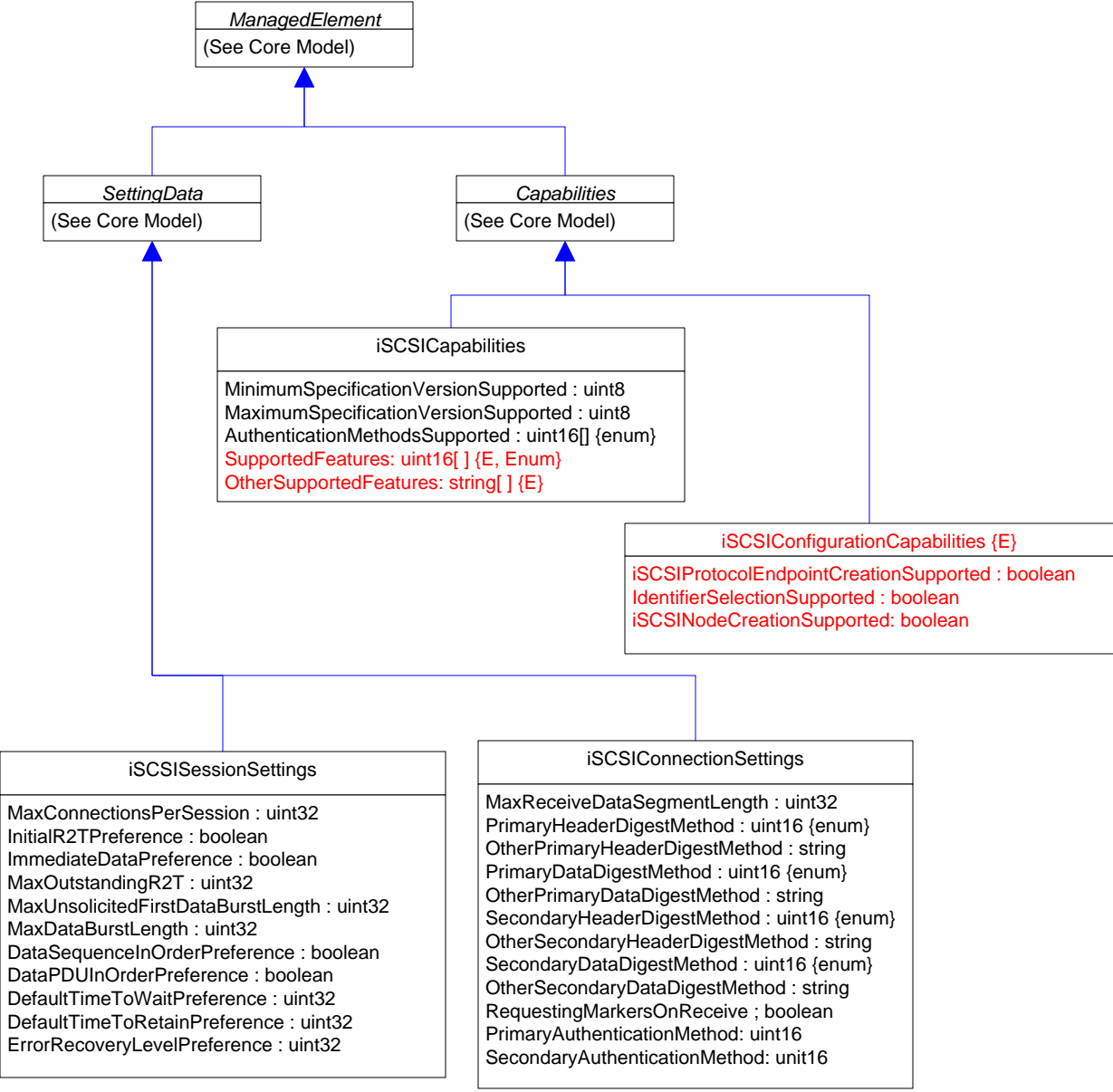
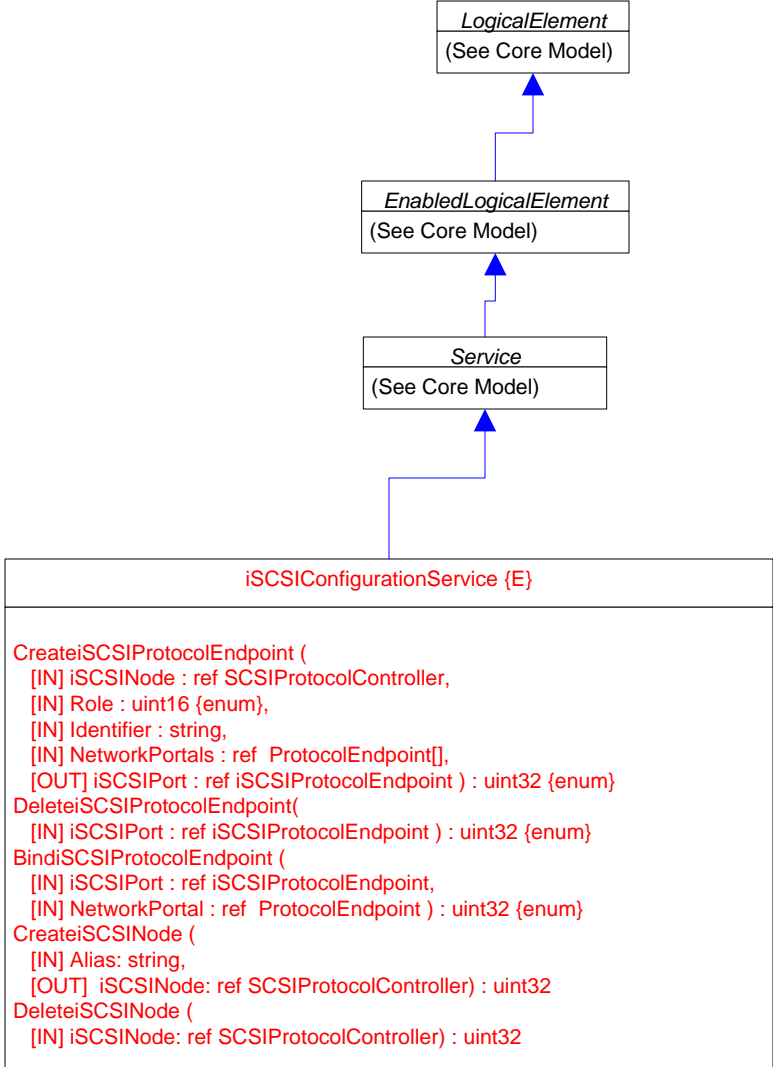
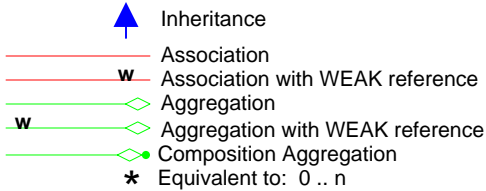
-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0 .. n










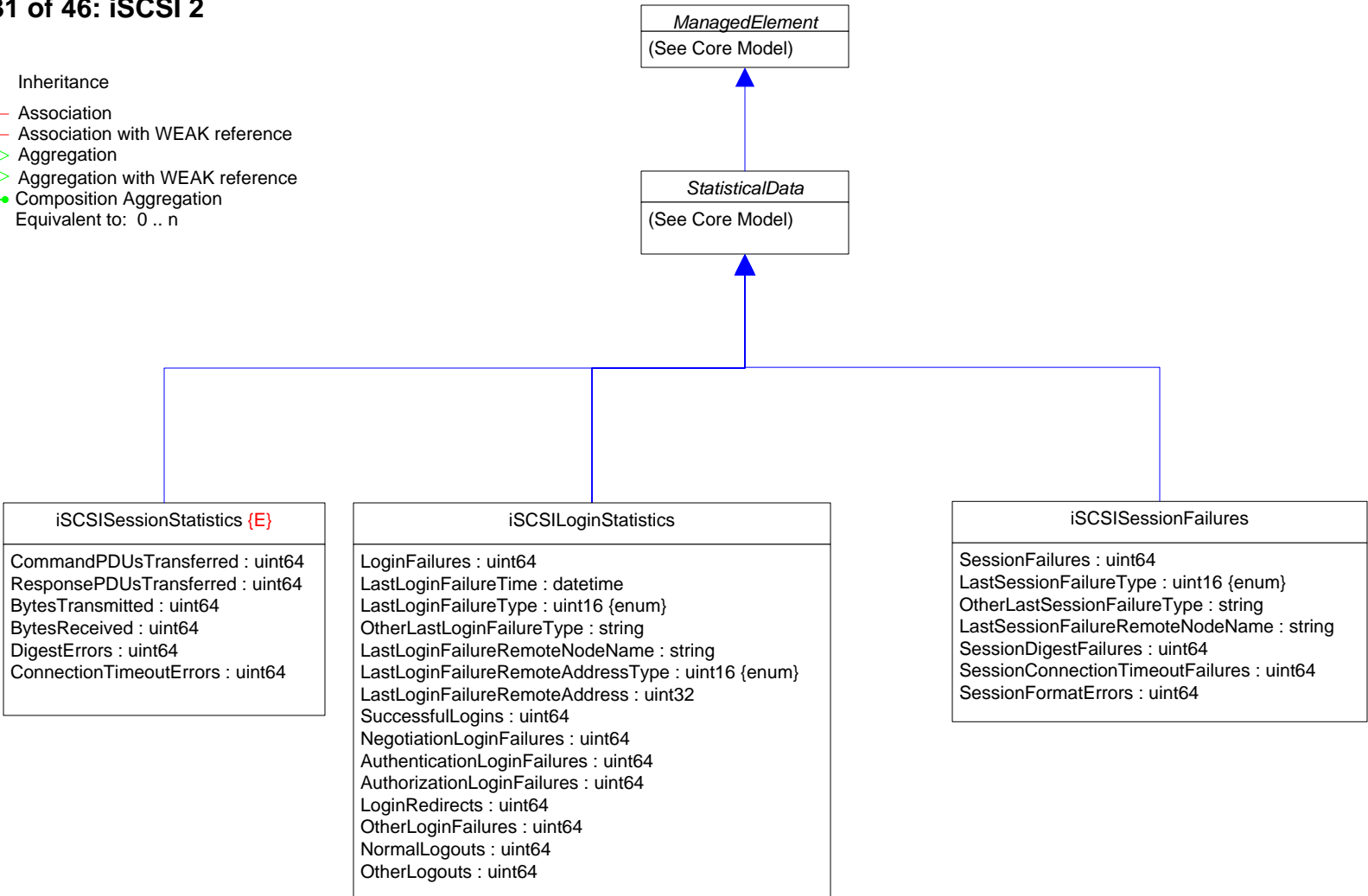









Page 25 : Network Address Translation (NAT)

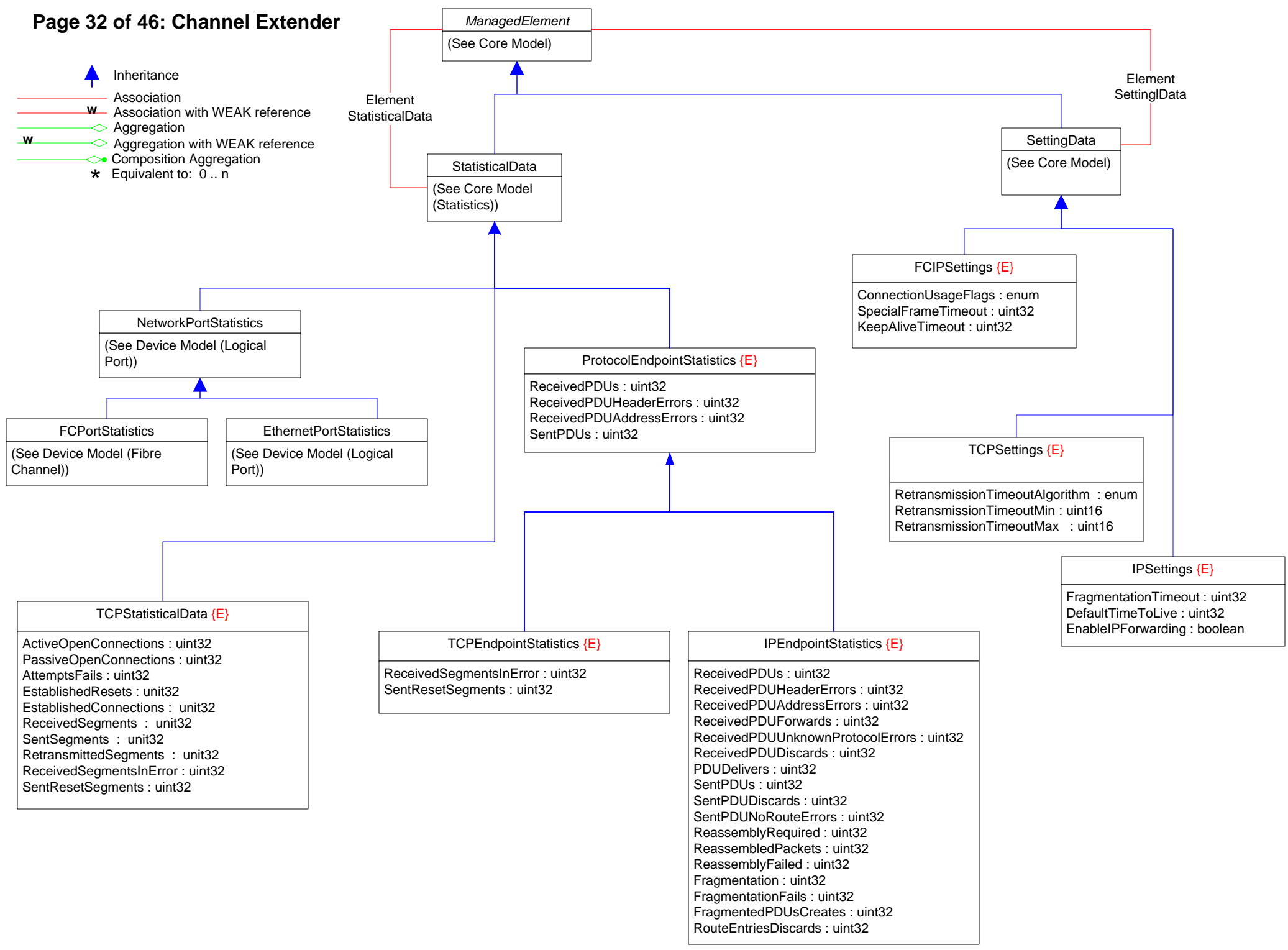


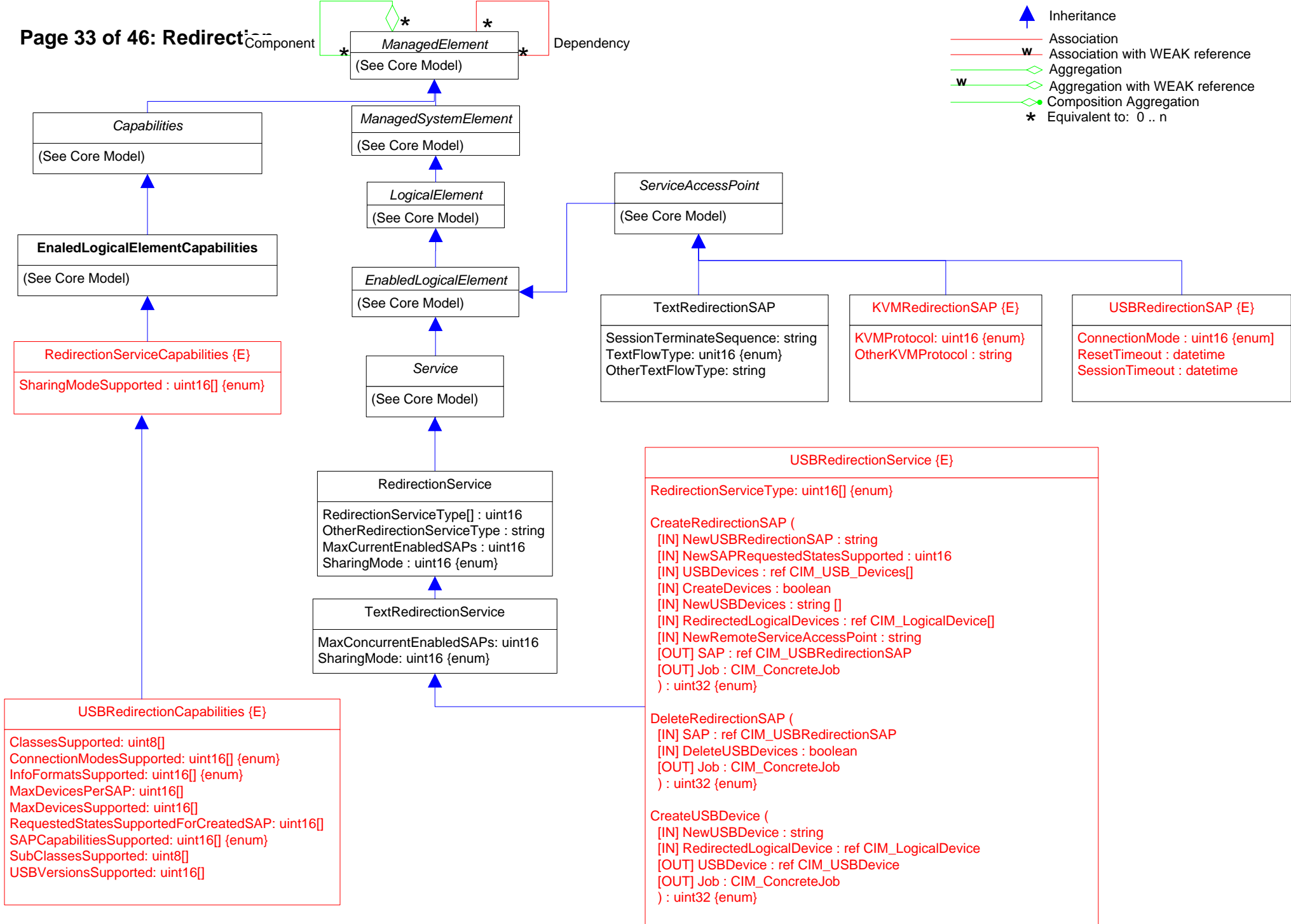


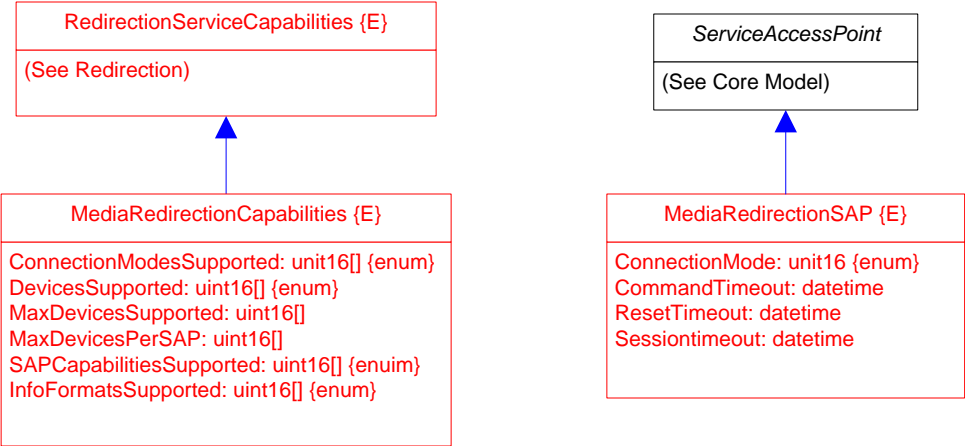
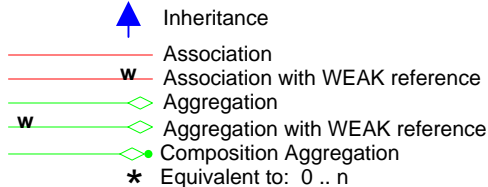
-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0 .. n










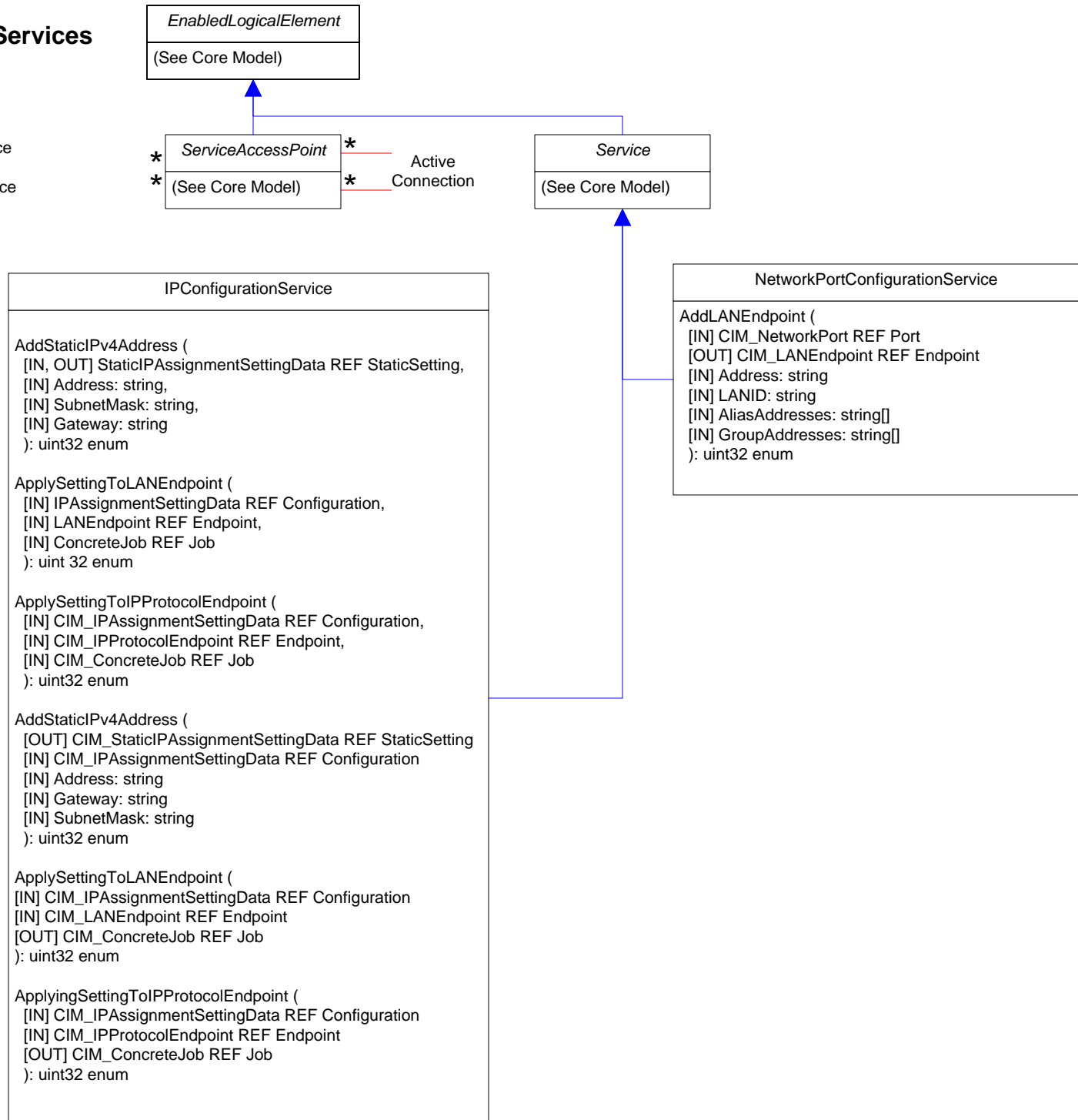
-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0 .. n

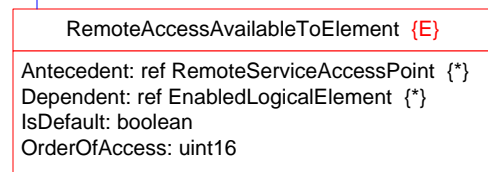
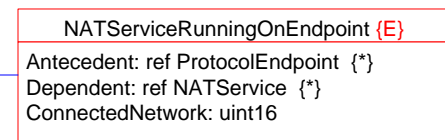
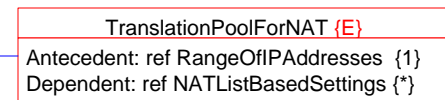
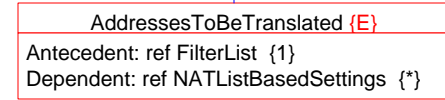
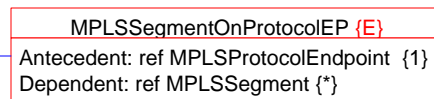
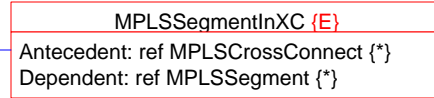
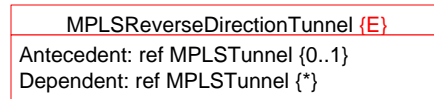
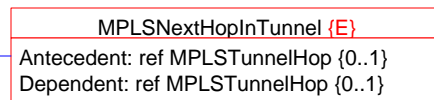
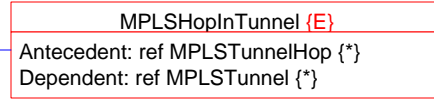
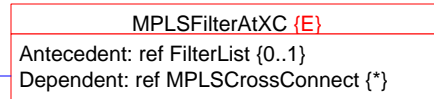
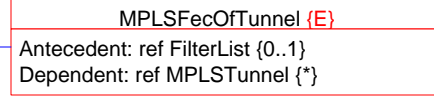
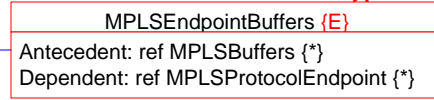
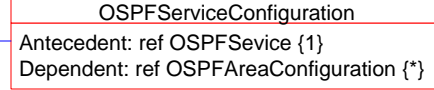
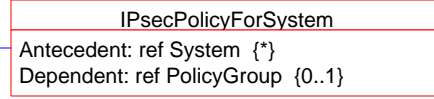
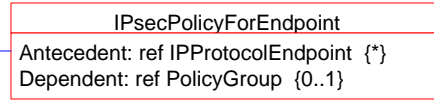
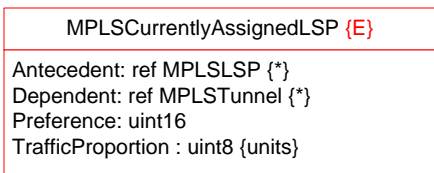
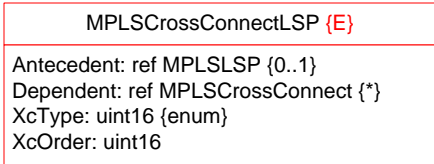
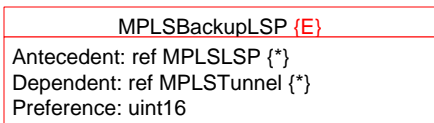
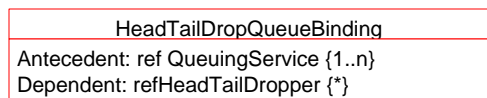
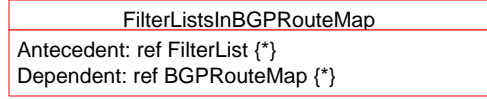
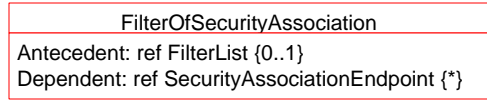
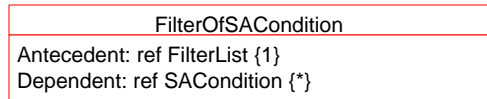
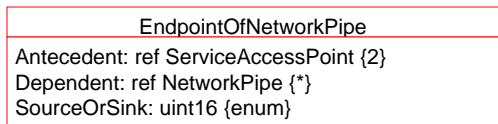
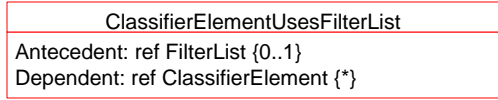
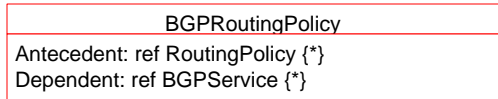
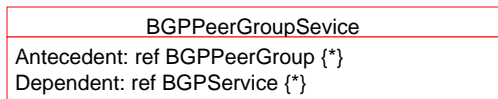
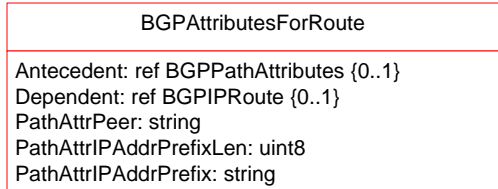
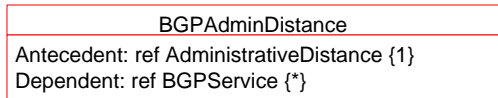
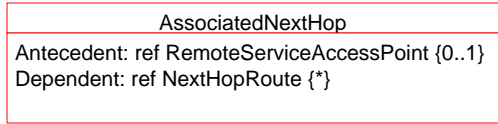
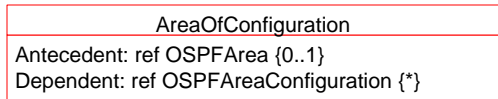
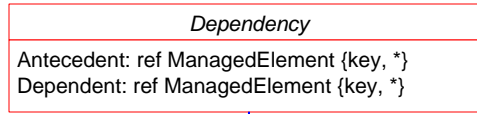


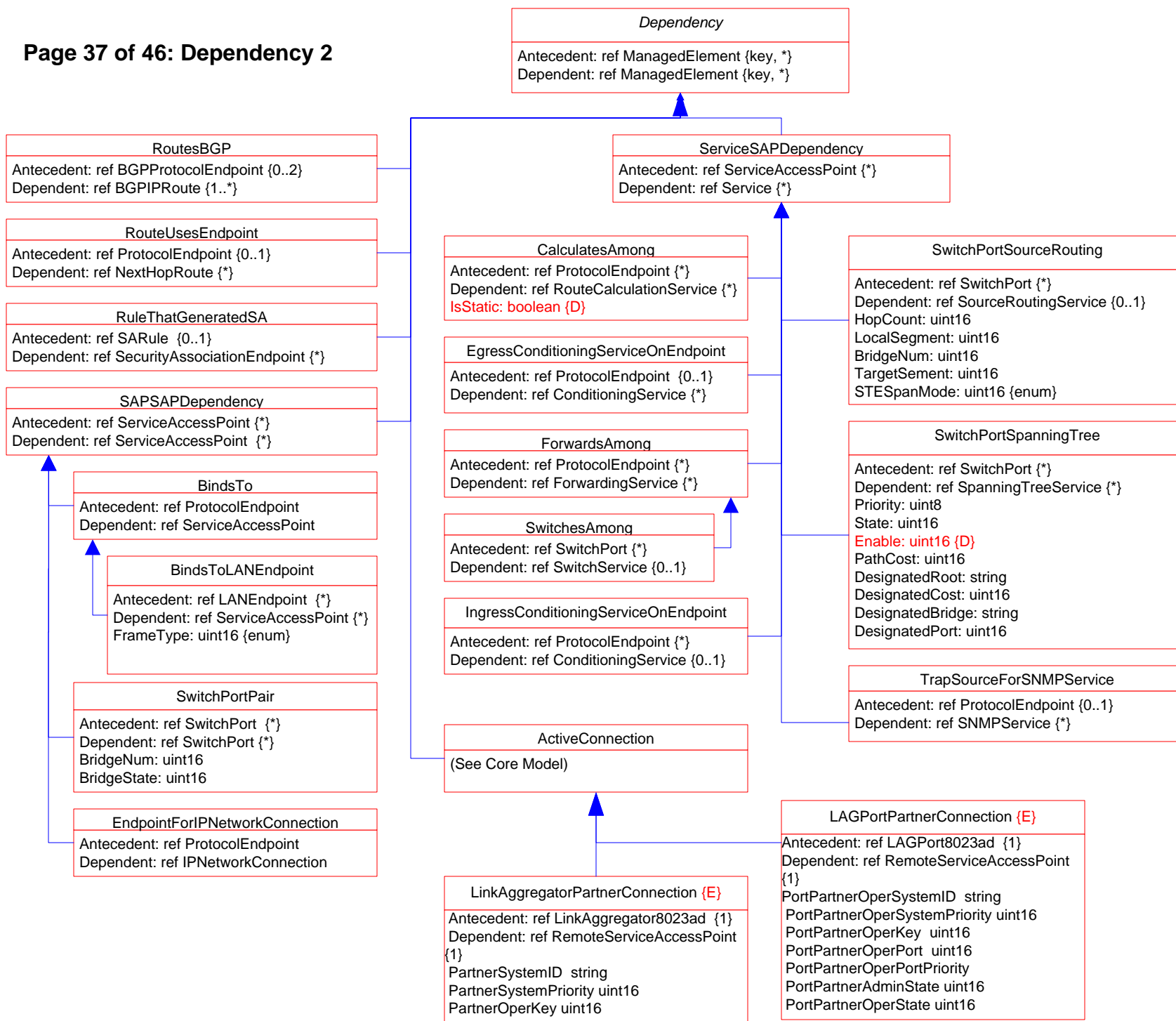


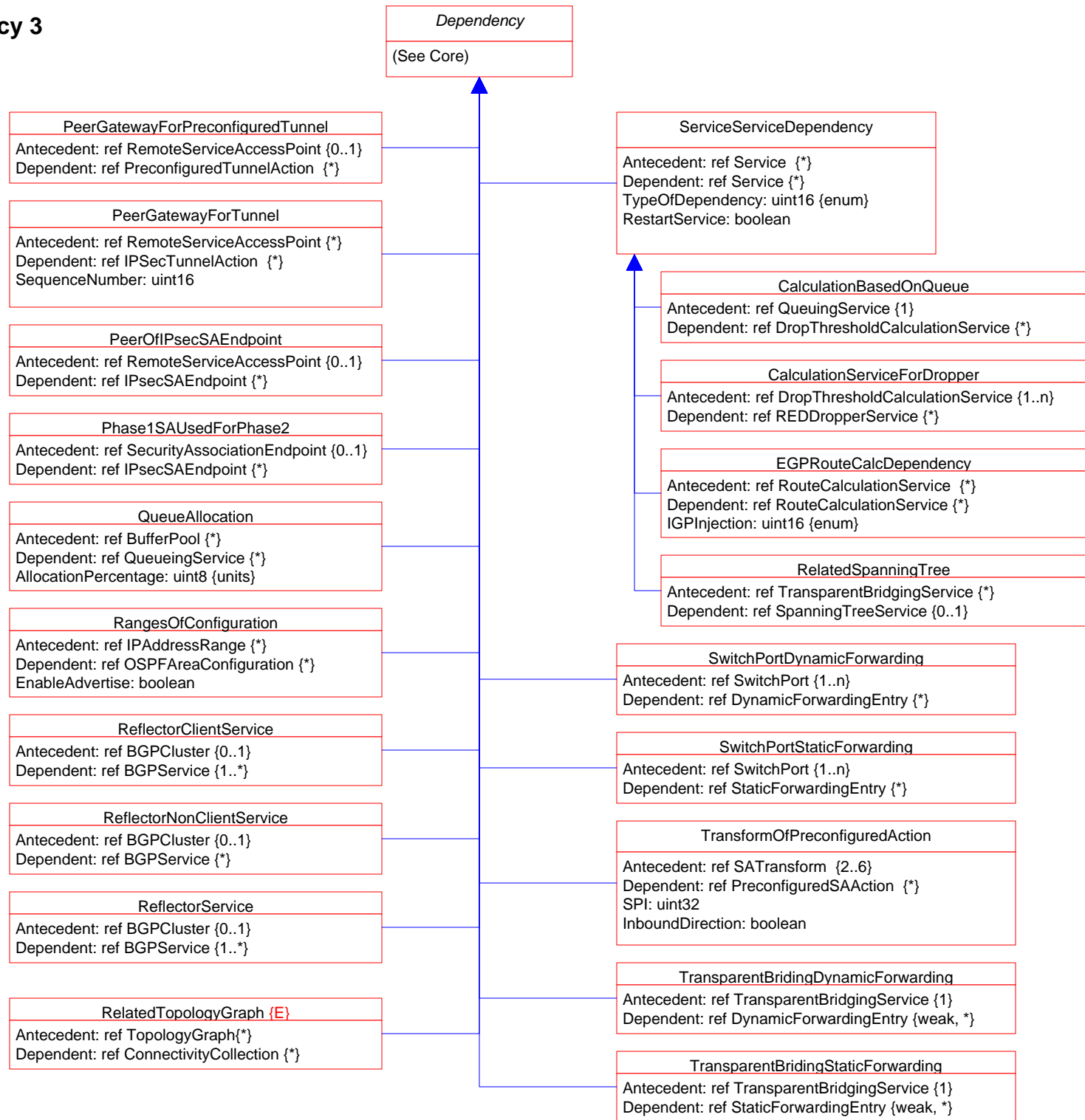


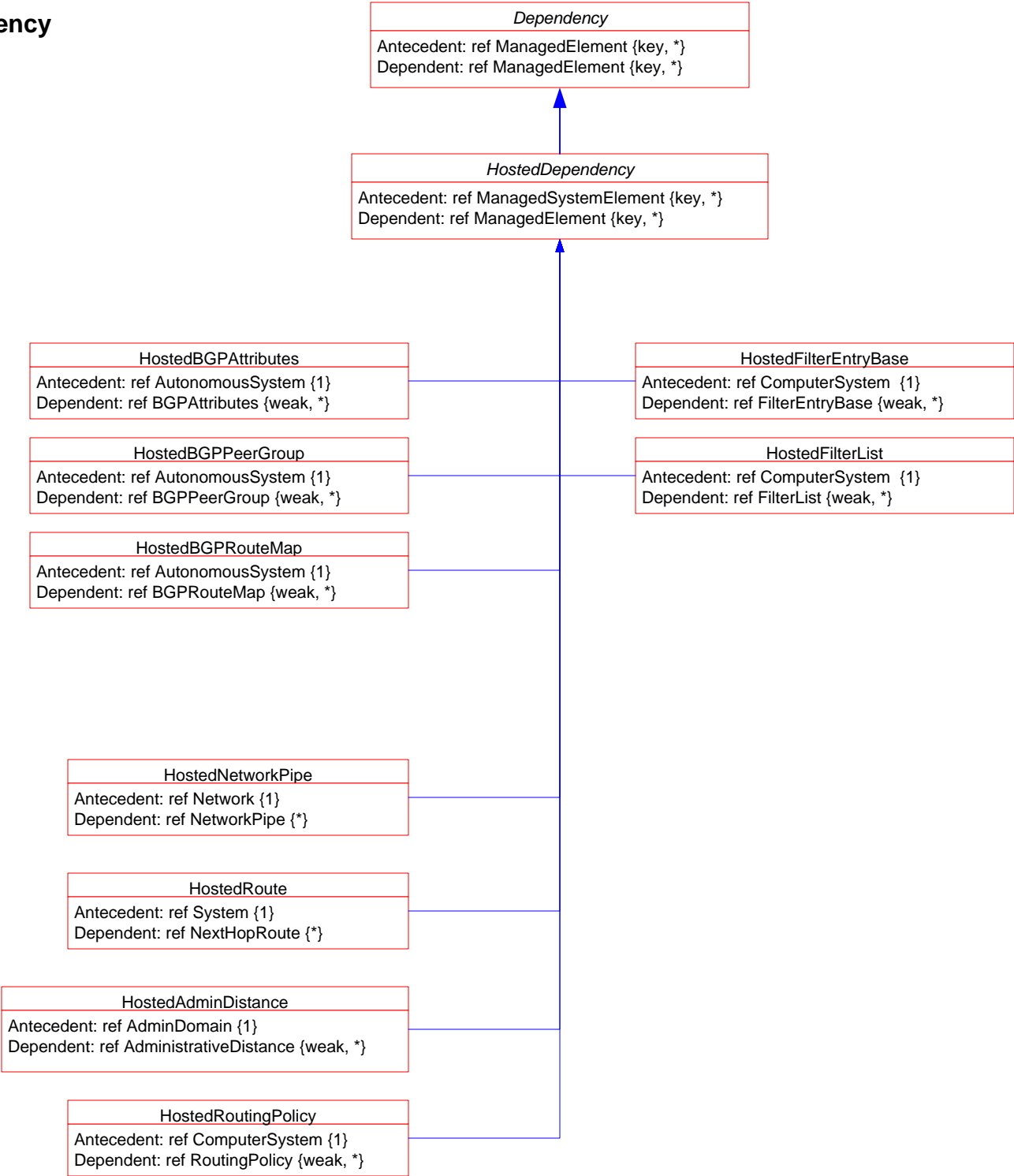
-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0 .. n



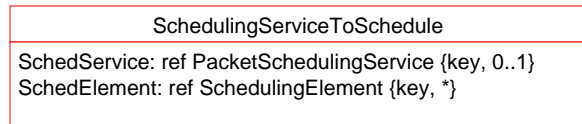
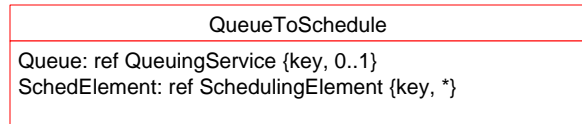
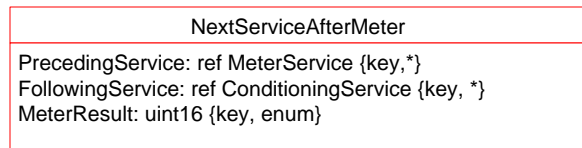
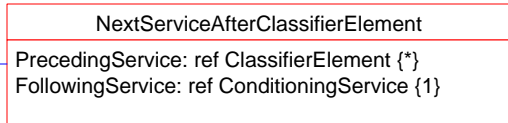
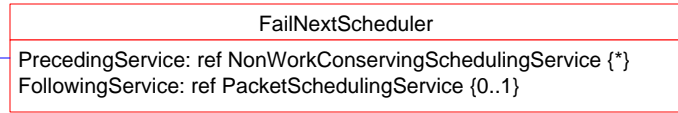
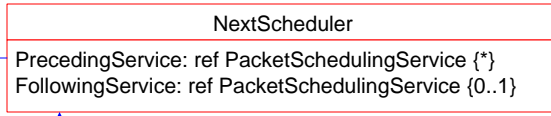
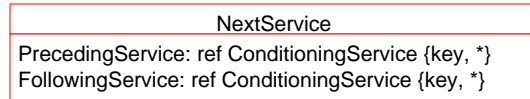
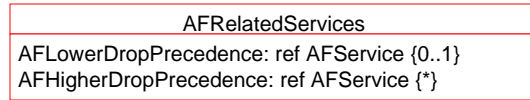
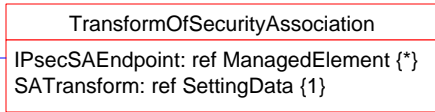
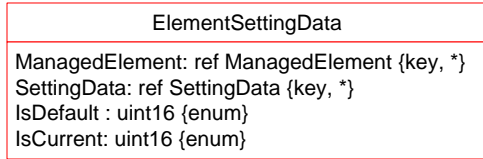
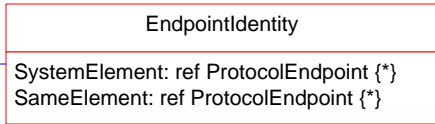
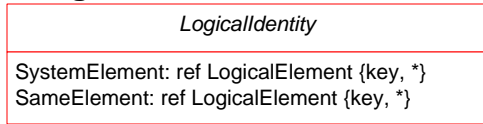




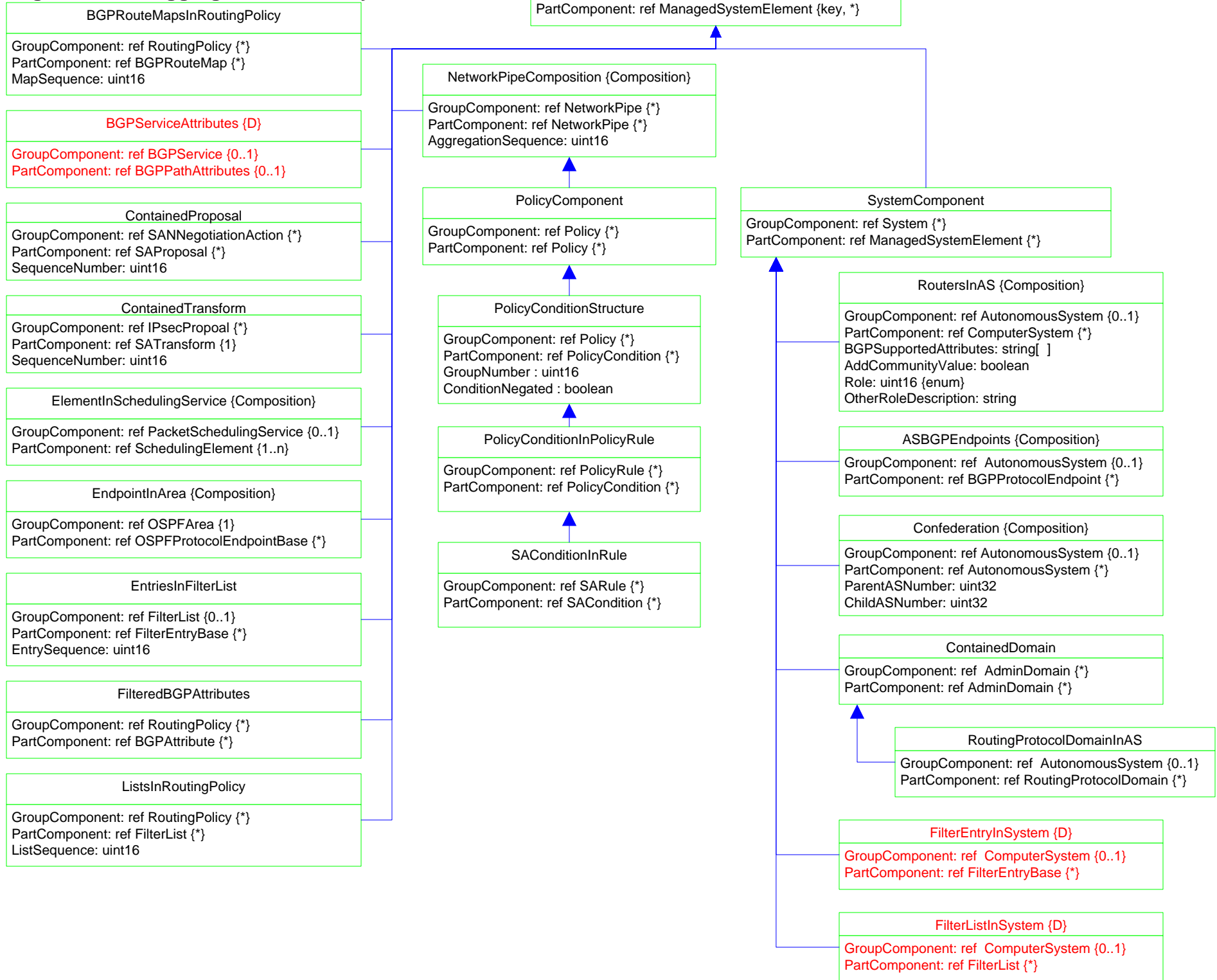


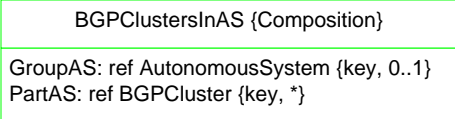
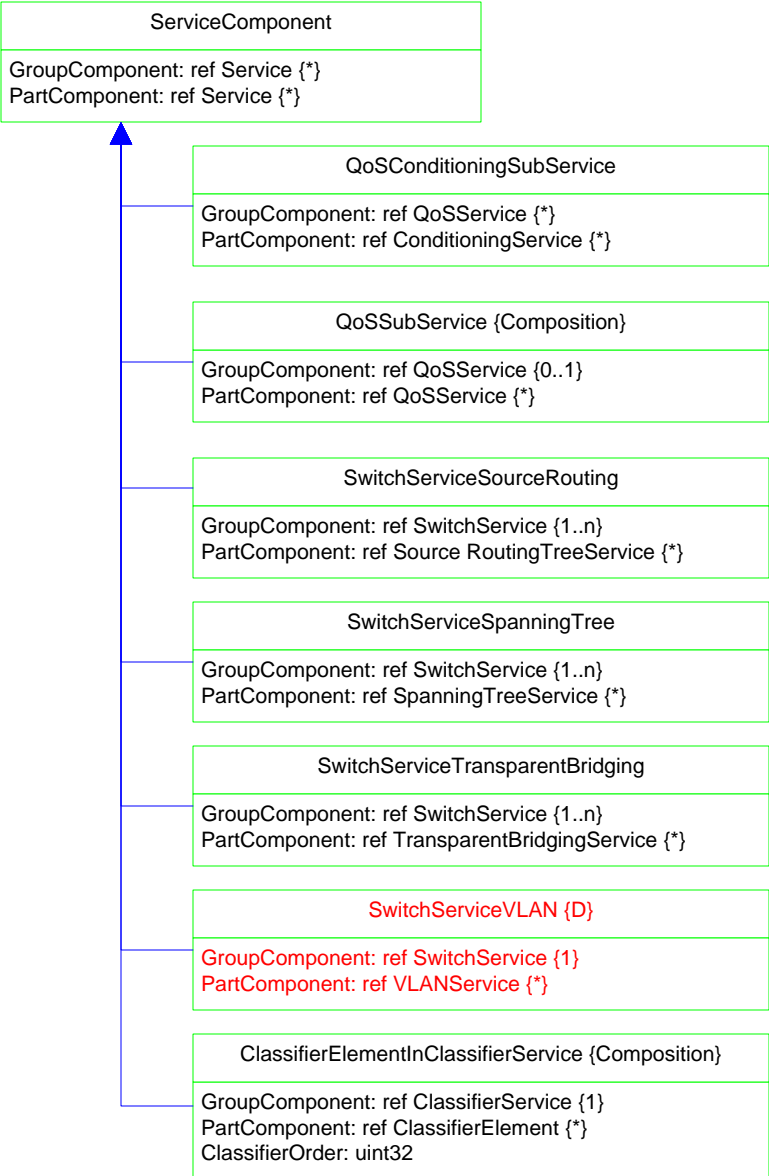


Page 40 of 46: Association Hierarchy

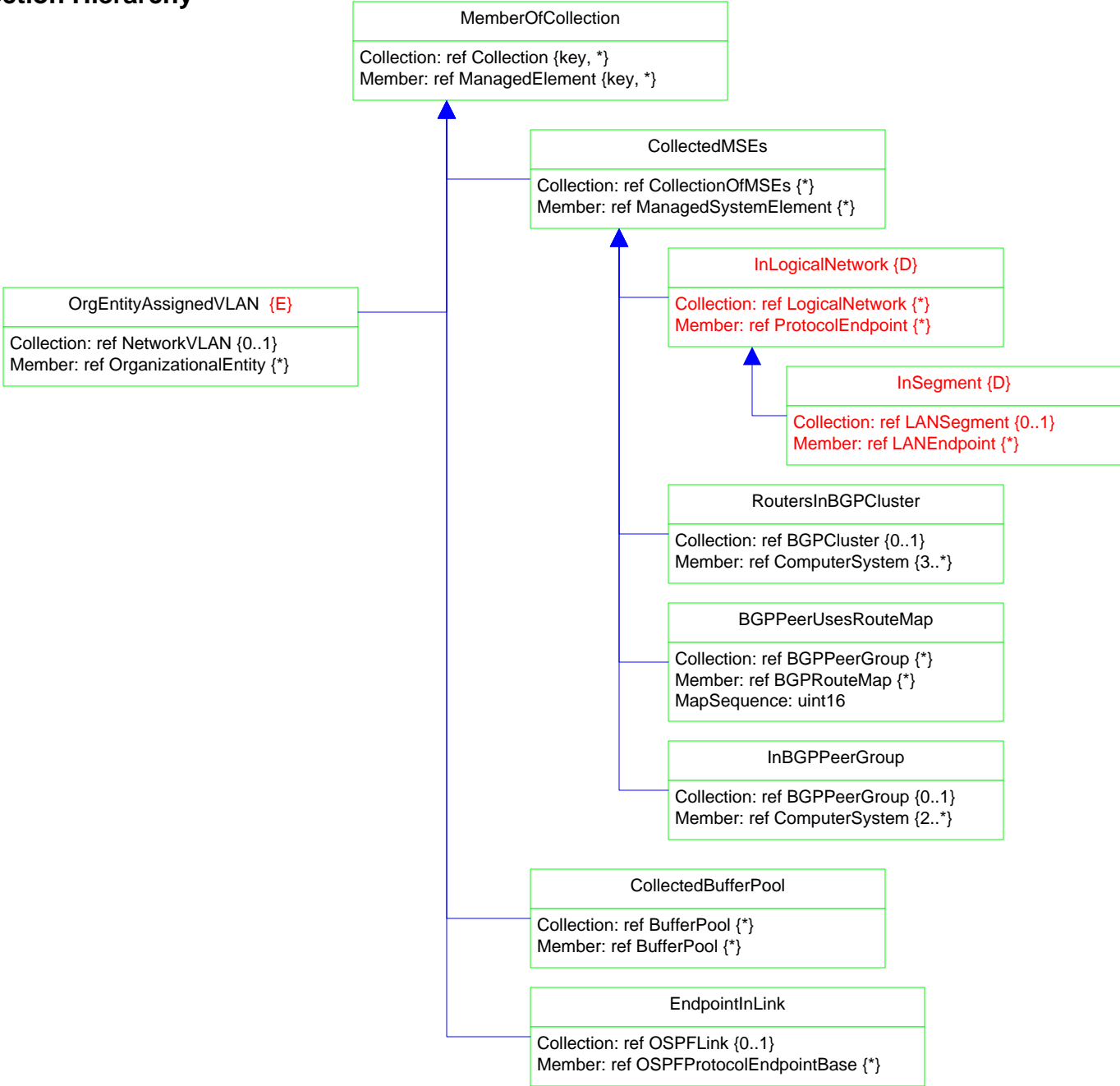


Page 41 of 46: Aggregation Hierarchy 1





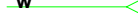
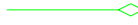



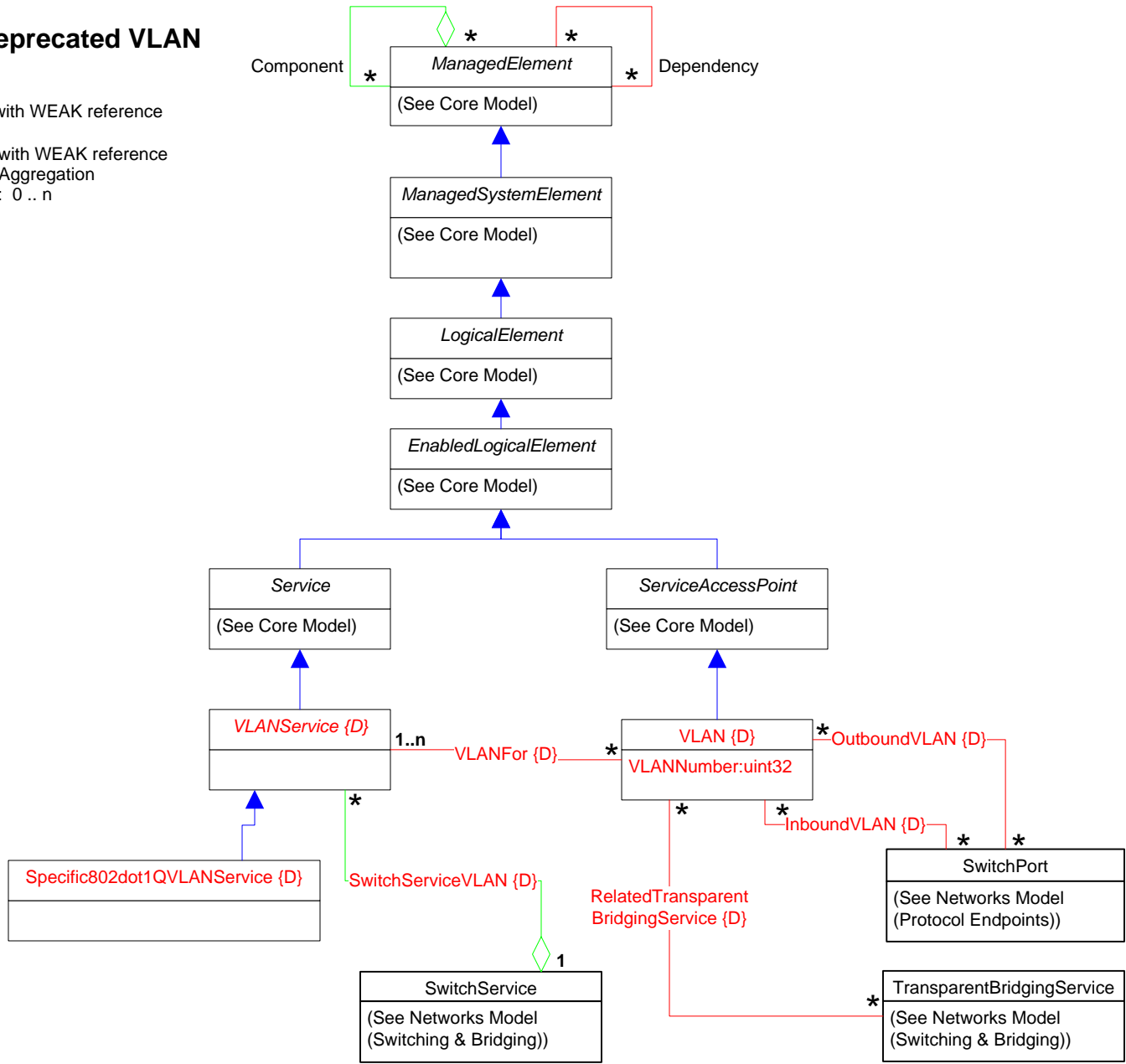


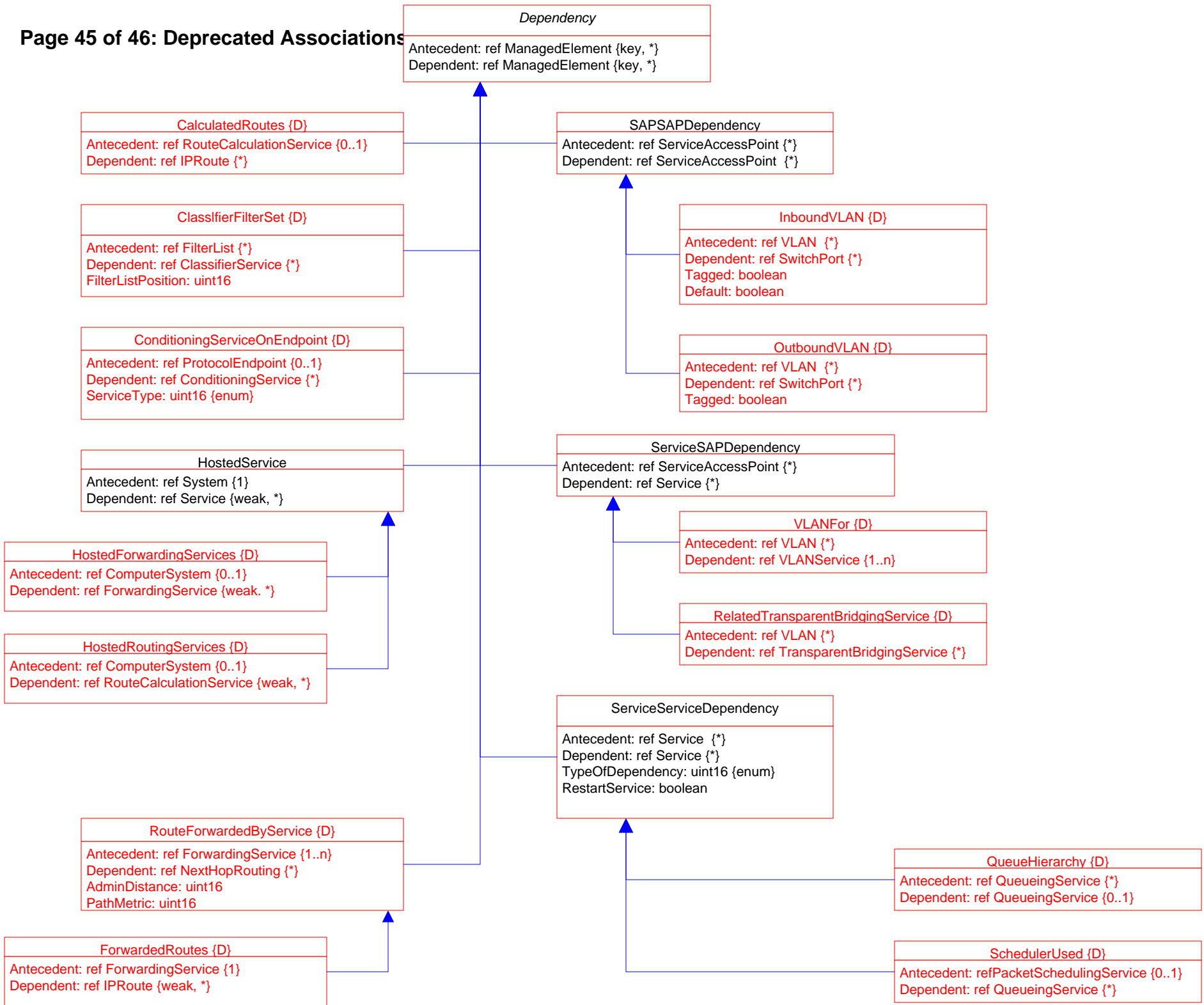
Page 43 of 46: MemberOfCollection Hierarchy



Page 44 of 46: Deprecated VLAN

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





Page 46 of 46: Deprecated Associations 2

