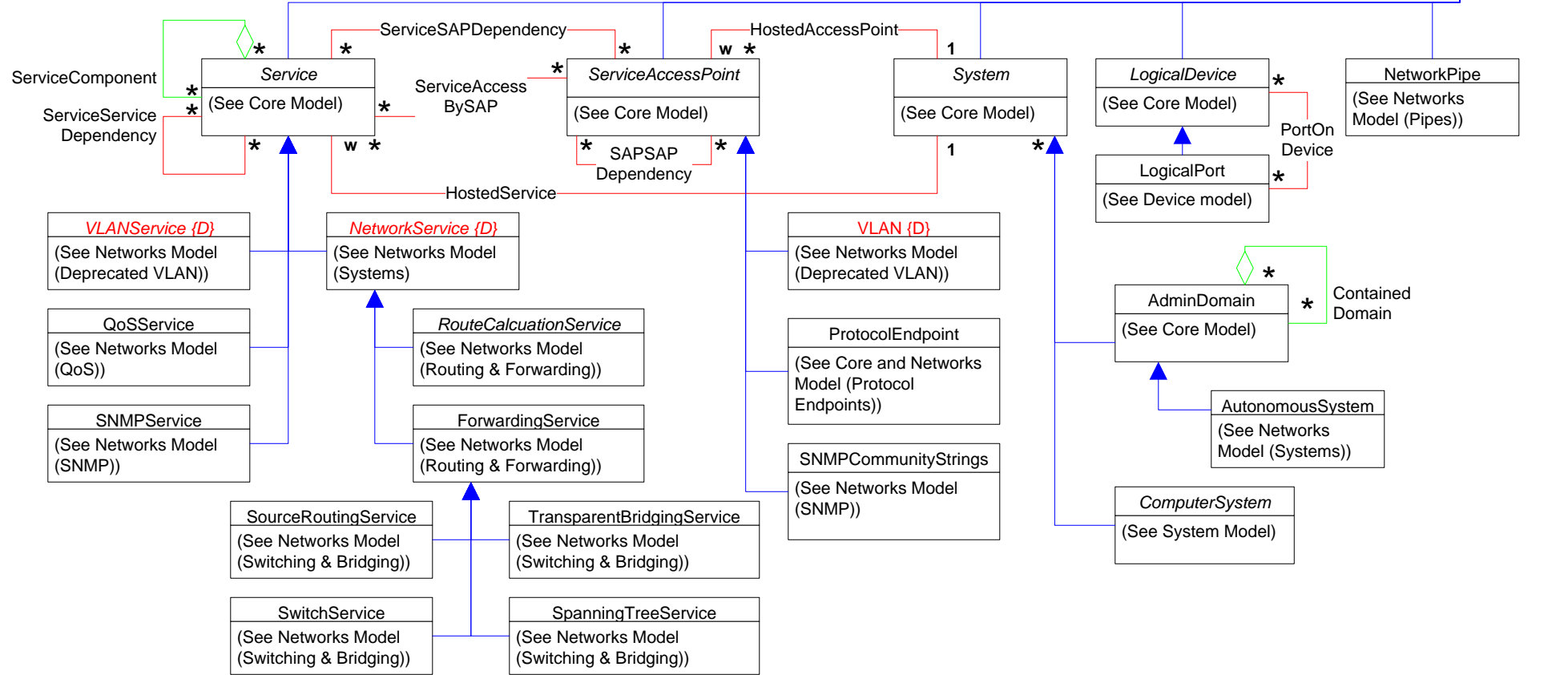
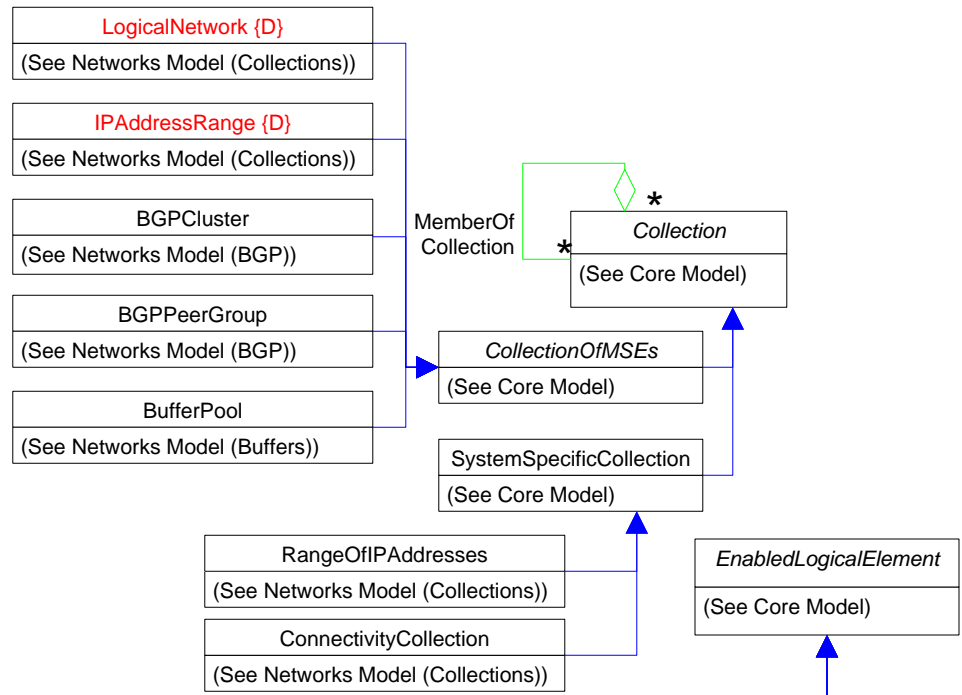


Title : Network Specification Version 2.44.1
 Author : DMTF Networks Working Group
 Updated : 18 May 2015

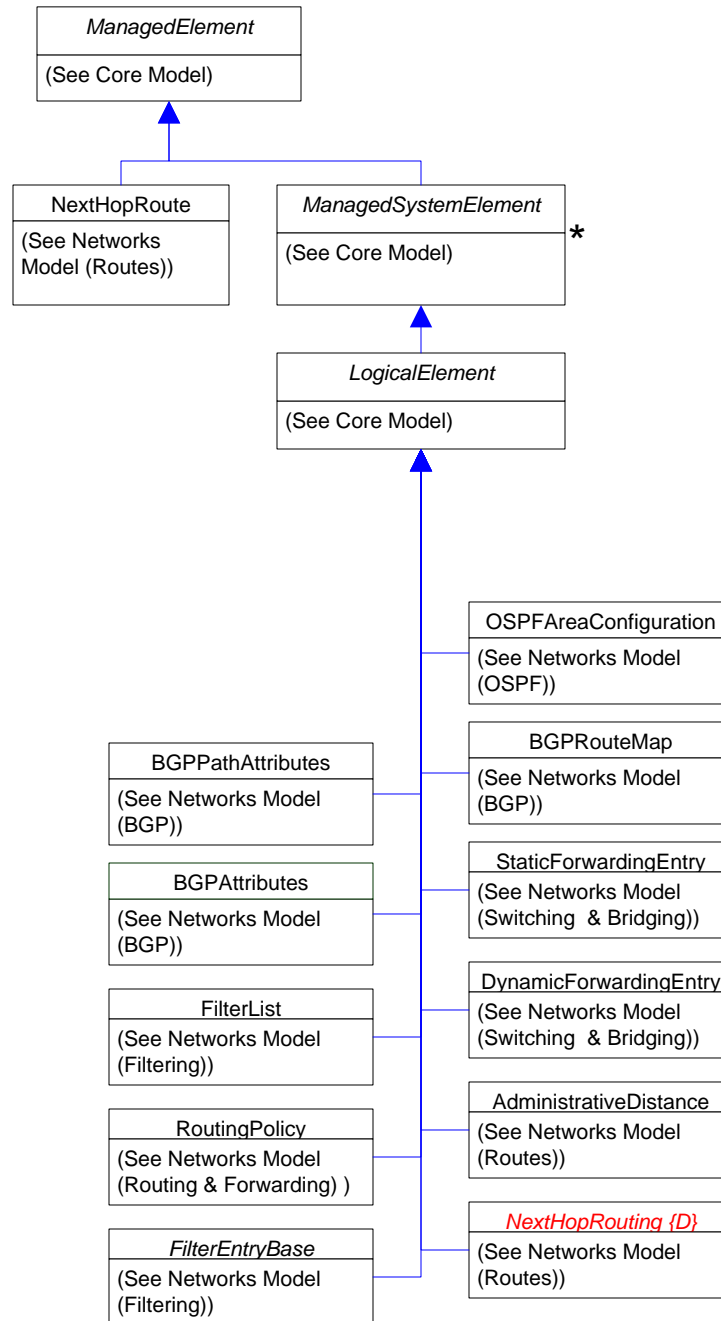
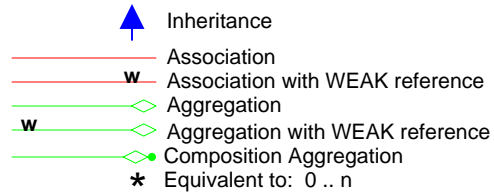
Page 1,2 : Overview
 Page 3 : Network Systems
 Page 4 : Network Collections
 Page 5,6,7,8 : Protocol Endpoints (1,2,3,4)
 Page 9 : Routing and Forwarding
 Page 10 : Routes
 Page 11 : Pipes
 Page 12 : Filtering and Filter Entries
 Page 13 : Buffer Pools (Network Resources)
 Page 14 : SNMP
 Page 15 : OSPF
 Page 16,17 : BGP (1,2)
 Page 18,19 : Switching and Bridging (1,2)
 Page 20 : QoS
 Page 21,22 : QoS Conditioning Services (1,2)
 Page 23 : IPSec
 Page 24 : VLAN
 Page 25,26 : MPLS(1,2)
 Page 27 : Network Policy

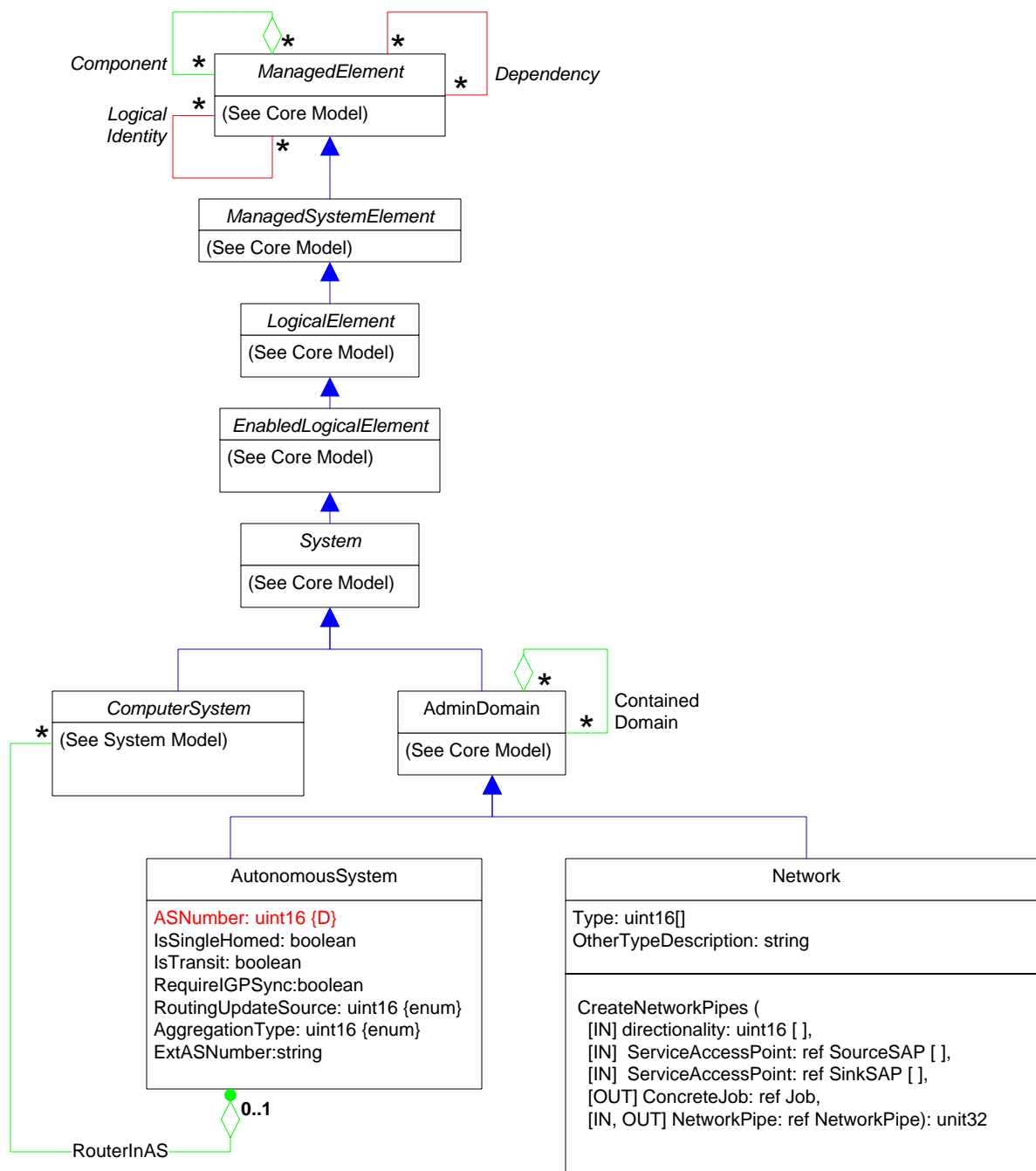
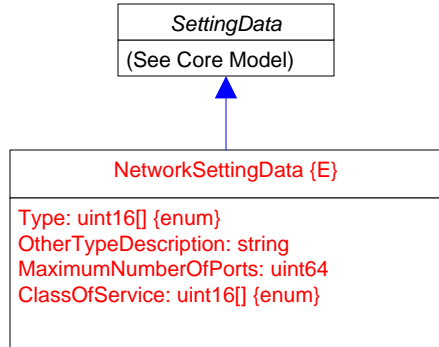
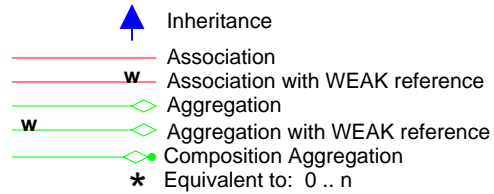
▲ Inheritance
 — Association
 —w Association with WEAK reference
 ◇ Aggregation
 —w◇ Aggregation with WEAK reference
 —◇ Composition Aggregation
 * Equivalent to: 0..n








Page 28 : Topology
 Page 29 : 802.3ad Link Aggregation
 Page 30 : NAT
 Page 31,32 : iSCSI (1,2)
 Page 33 : Channel Extender
 Page 34 : Redirection
 Page 35 : MediaRedirection
 Page 36 : ConfigurationServices
 Page 37,38,39 : Dependency (1,2,3)
 Page 40 : Hosted Dependency Hierarchy
 Page 41 : Association Hierarchy
 Page 42,43 : Aggregation Hierarchy (1,2)
 Page 44 : MemberOfCollection
 Page 45 : Deprecated VLAN
 Page 46,47 : Deprecated Associations (1,2)

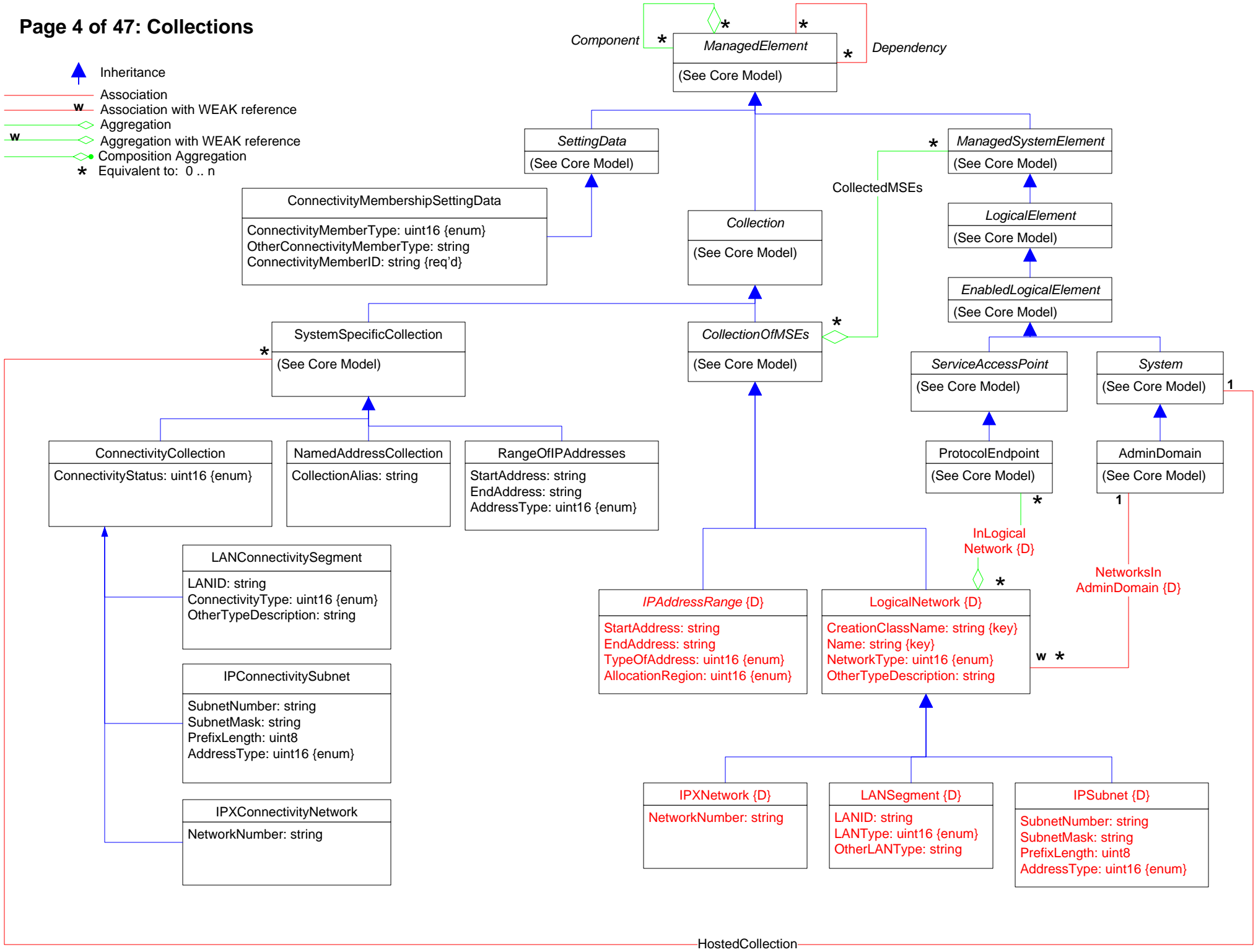


Page 2 of 47: Overview 2

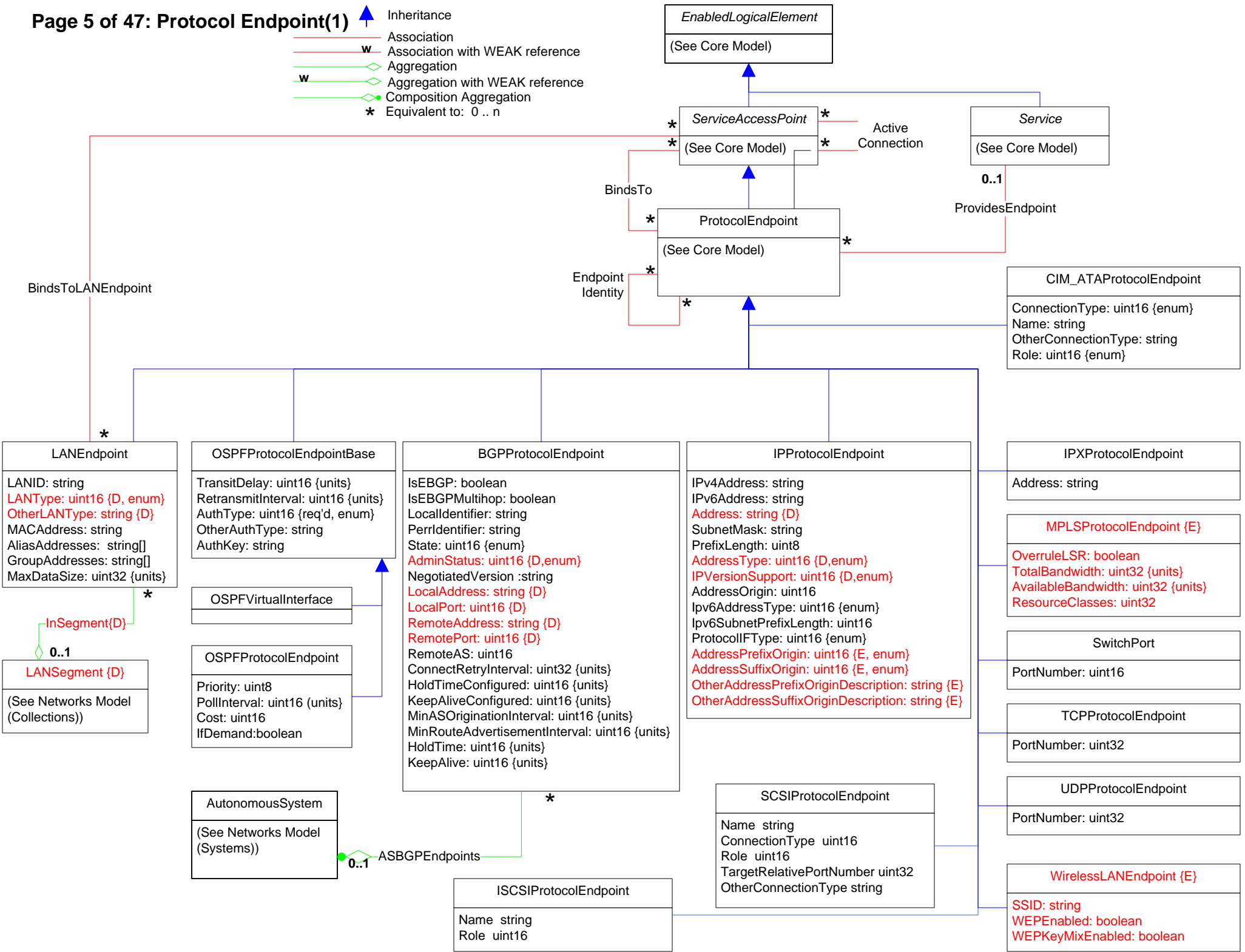




-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0..n

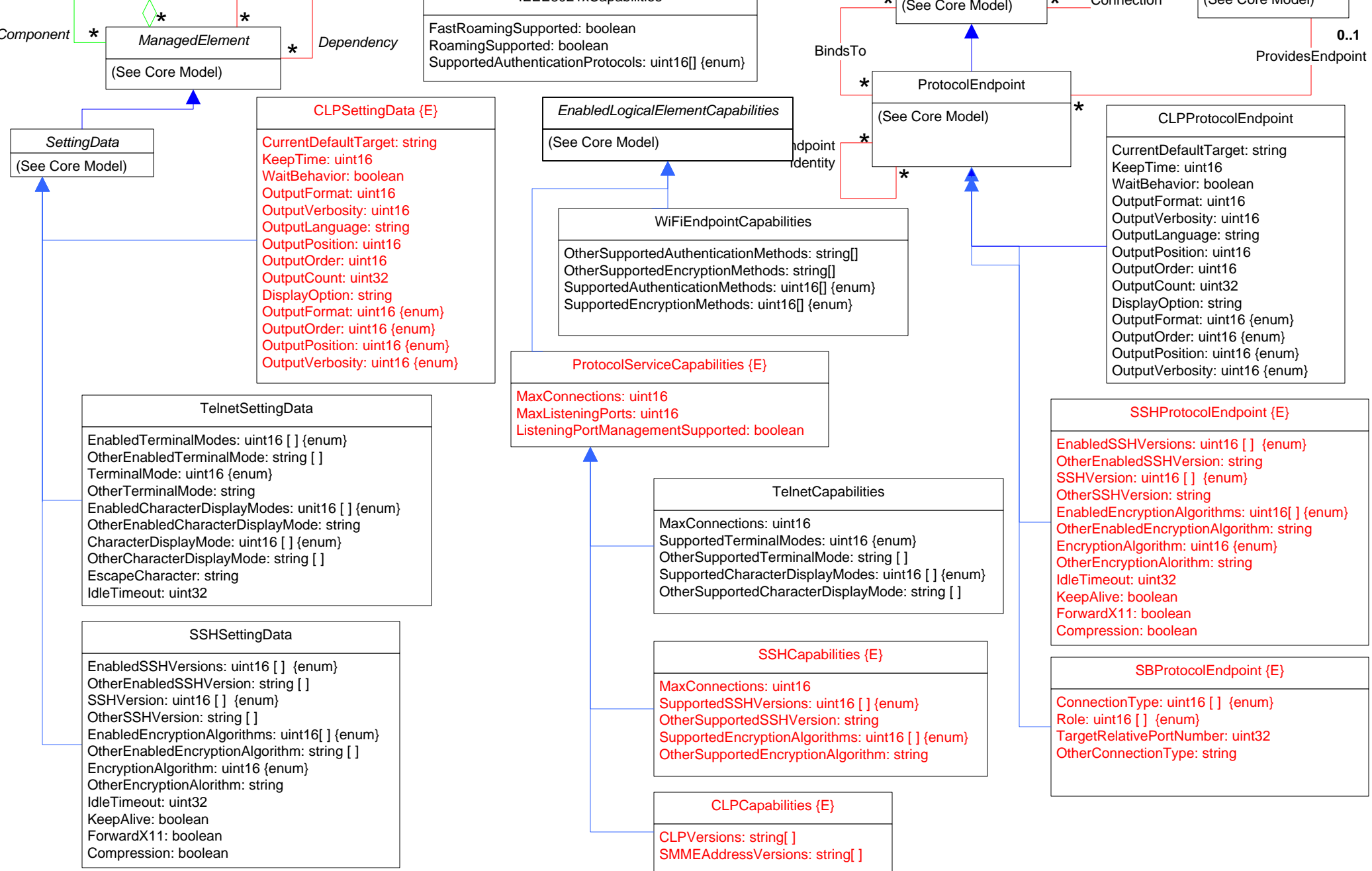


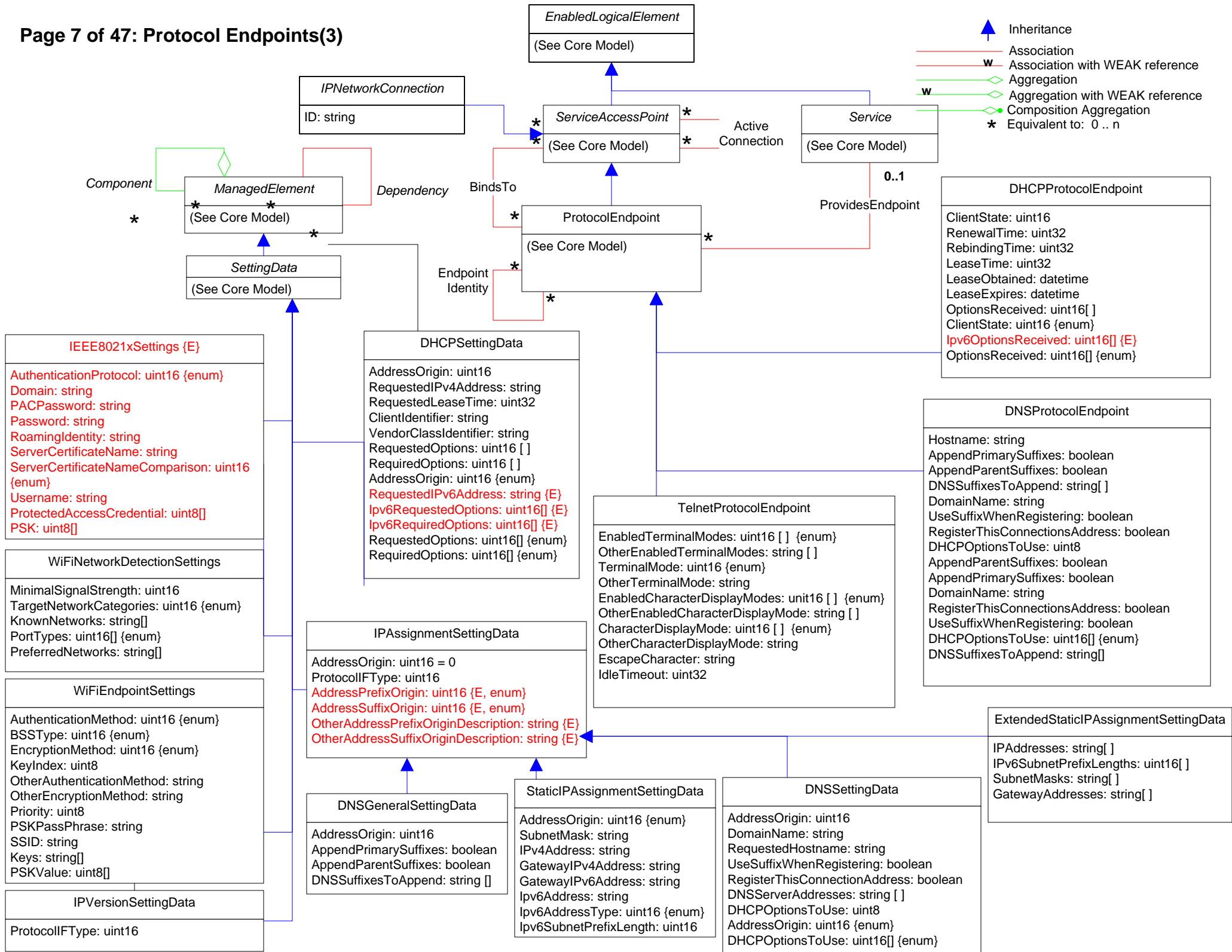
- Inheritance
- Association
- Association with WEAK reference
- Aggregation
- Aggregation with WEAK reference
- Composition Aggregation
- Equivalent to: 0..n

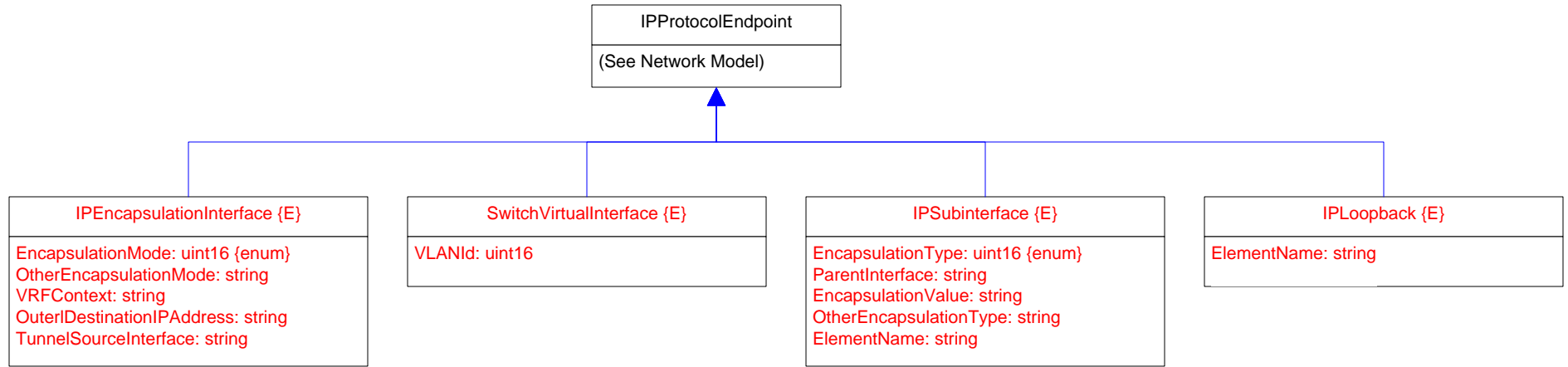


Page 6 of 47: Protocol Endpoint(2)

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

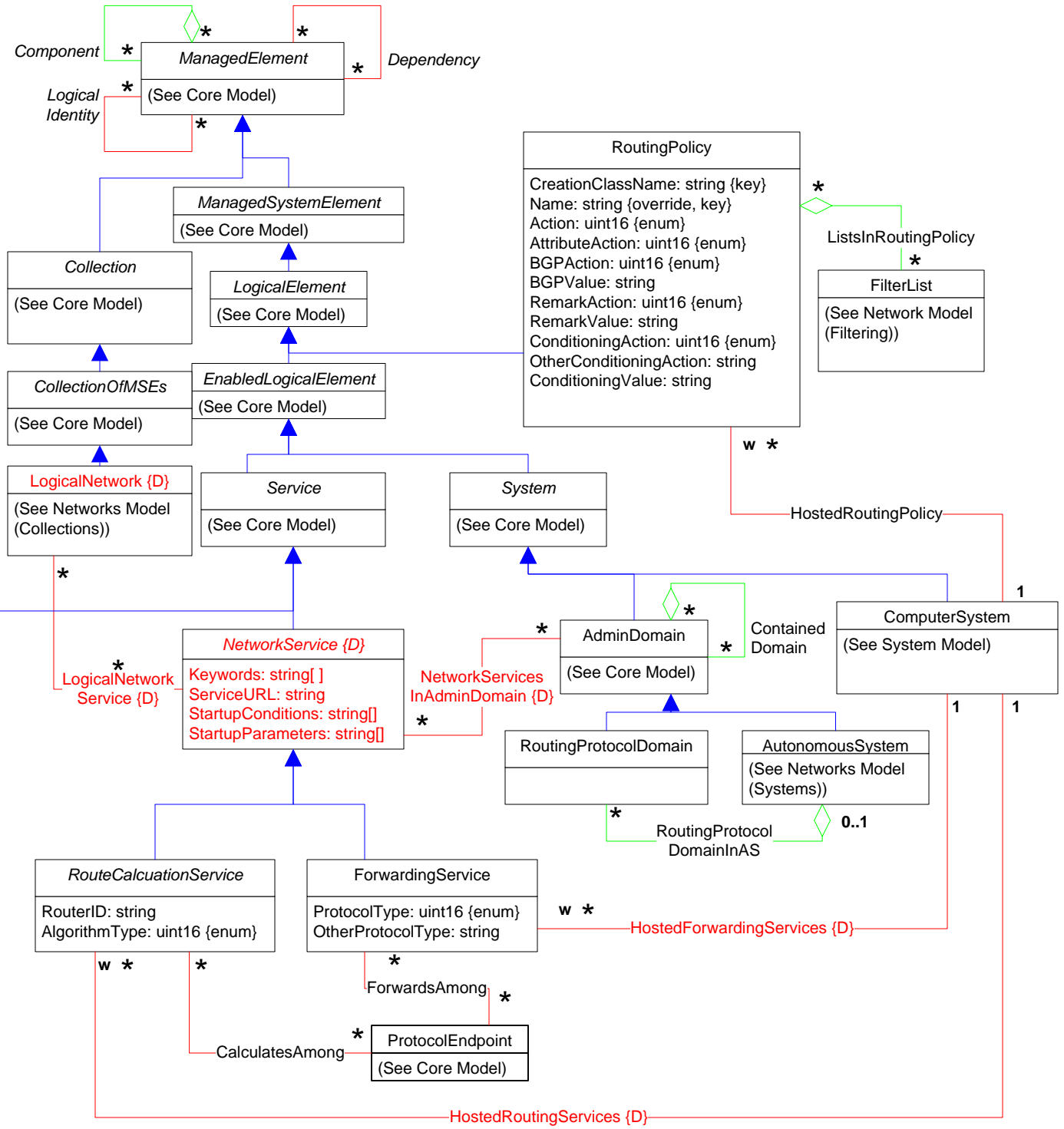






Page 9 of 47: Routing & Forwarding

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



VRFConfigurationService {E}

CreateVRF ([IN] System: ref TargetRouter, [IN] VRF: string, [IN] VirtualRoutingandForwardingTable: ref ResultingVRF, [OUT] ConcreteJob: ref Job): unit32 {enum}

RemoveVRF ([IN] VirtualRoutingandForwardingTable: ref VRF, [OUT] ConcreteJob: ref Job): unit32 {enum}

AddRoute([IN] VirtualRoutingandForwardingTable: ref VRF, [IN] Route: string, [IN] NextHopIPRoute: ref ResultingRoute, [OUT] ConcreteJob: ref Job): unit32 {enum}

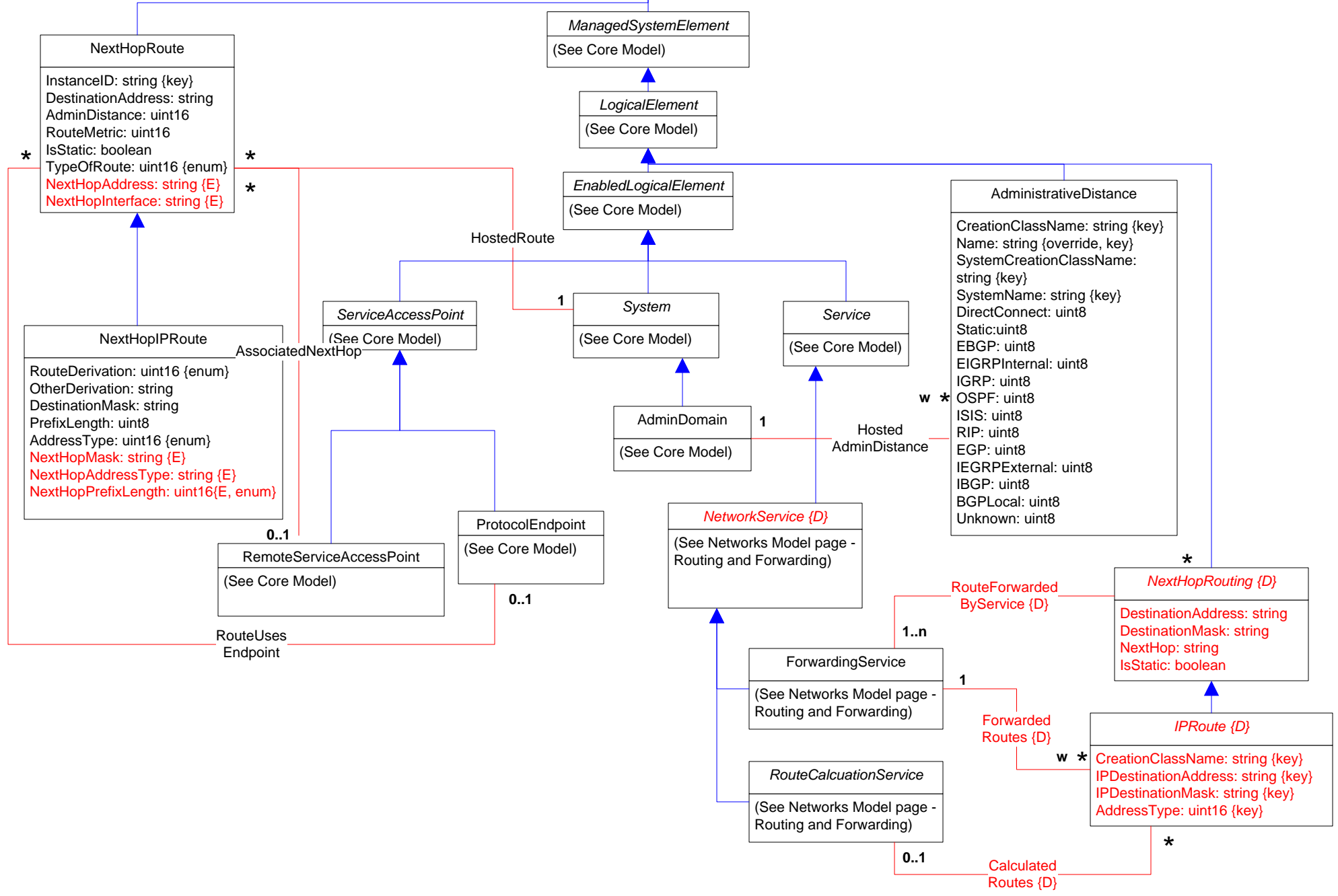
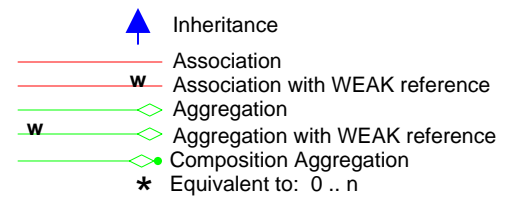
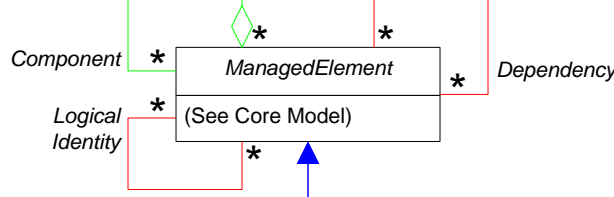
RemoveRoute([IN] VirtualRoutingandForwardingTable: ref VRF, [IN] NextHopIPRoute: ref Route, [OUT] ConcreteJob: ref Job): unit32 {enum}


AddPortMember([IN] VirtualRoutingandForwardingTable: ref VRF, [IN] MSFT_EthernetPort: ref Port, [OUT] ConcreteJob: ref Job): unit32 {enum}

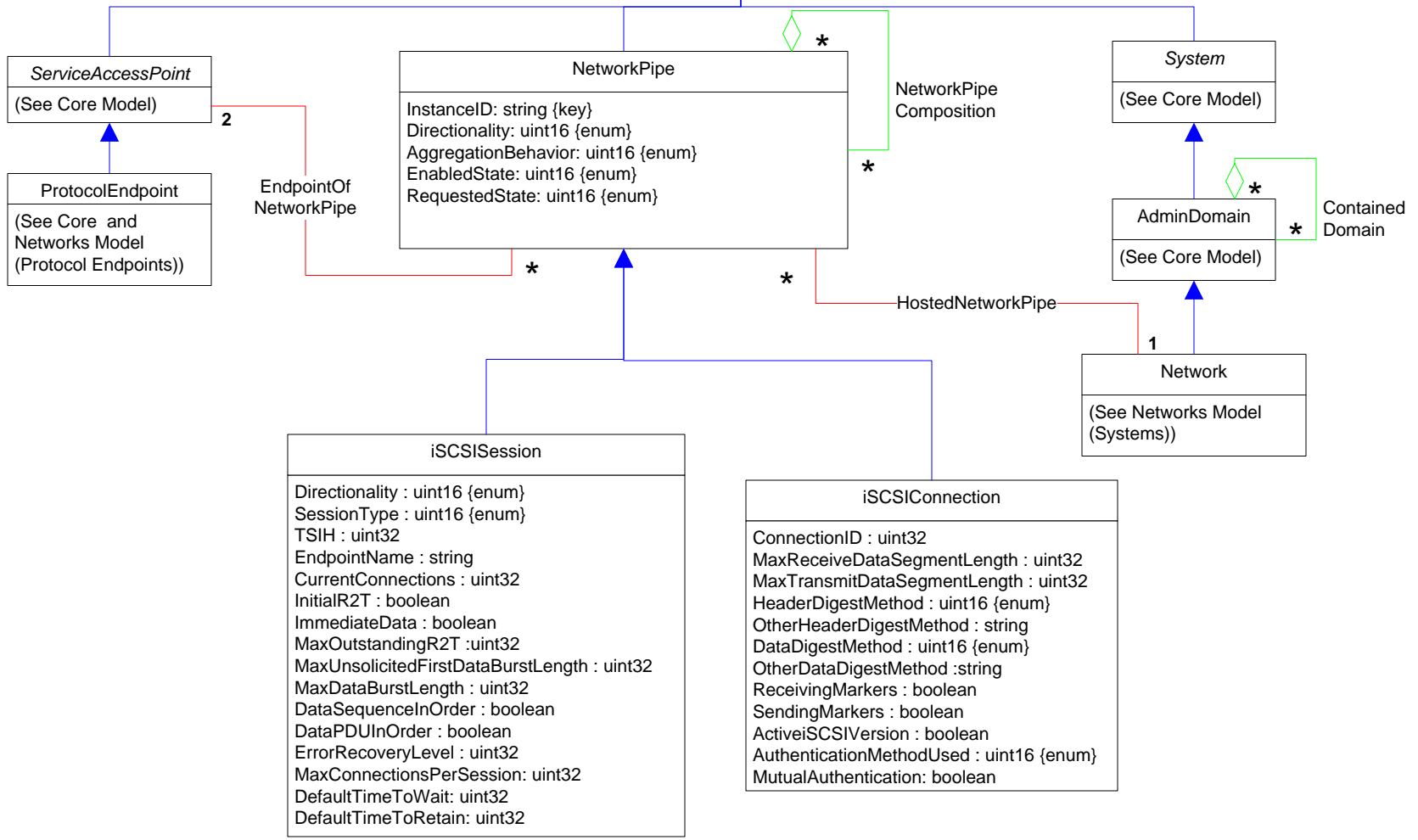
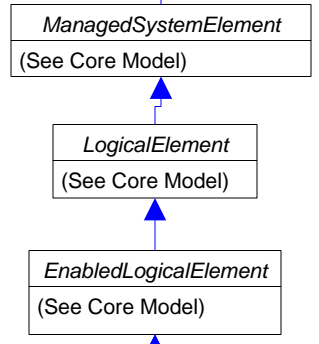
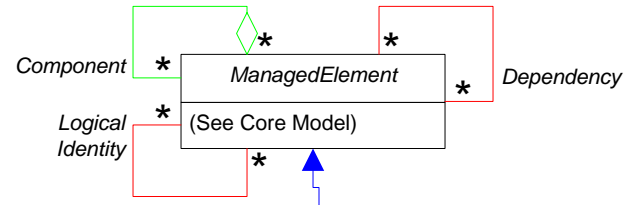
RemovePortMember([IN] VirtualRoutingandForwardingTable: ref VRF, [IN] MSFT_EthernetPort: ref Port, [OUT] ConcreteJob: ref Job): unit32 {enum}








AddSAPMember([IN] VirtualRoutingandForwardingTable: ref VRF, [IN] ServiceAccessPoint: ref SAP, [OUT] ConcreteJob: ref Job): unit32 {enum}

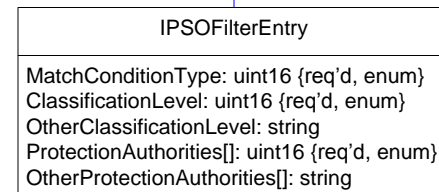
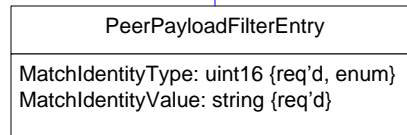
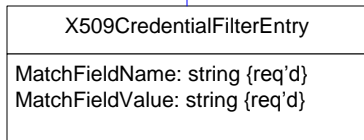
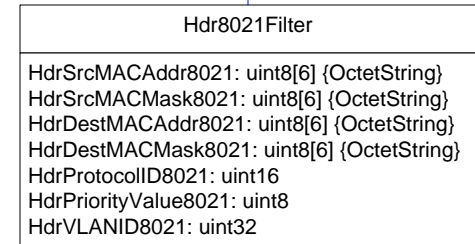
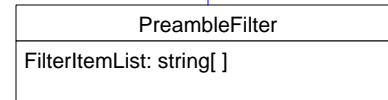
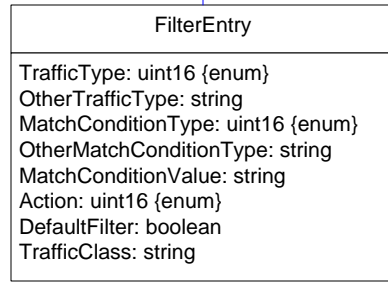
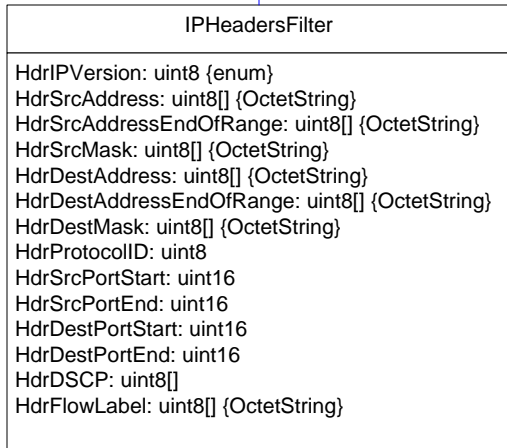
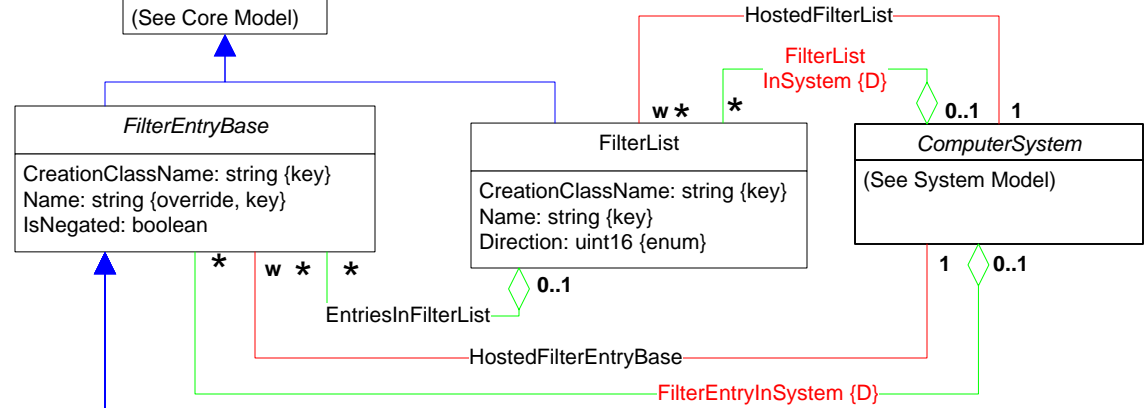
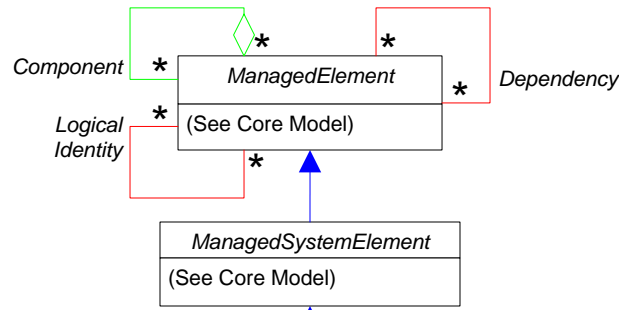
RemoveSAPMember([IN] VirtualRoutingandForwardingTable: ref VRF, [IN] ServiceAccessPoint: ref SAPMember, [OUT] ConcreteJob: ref Job): unit32 {enum}










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

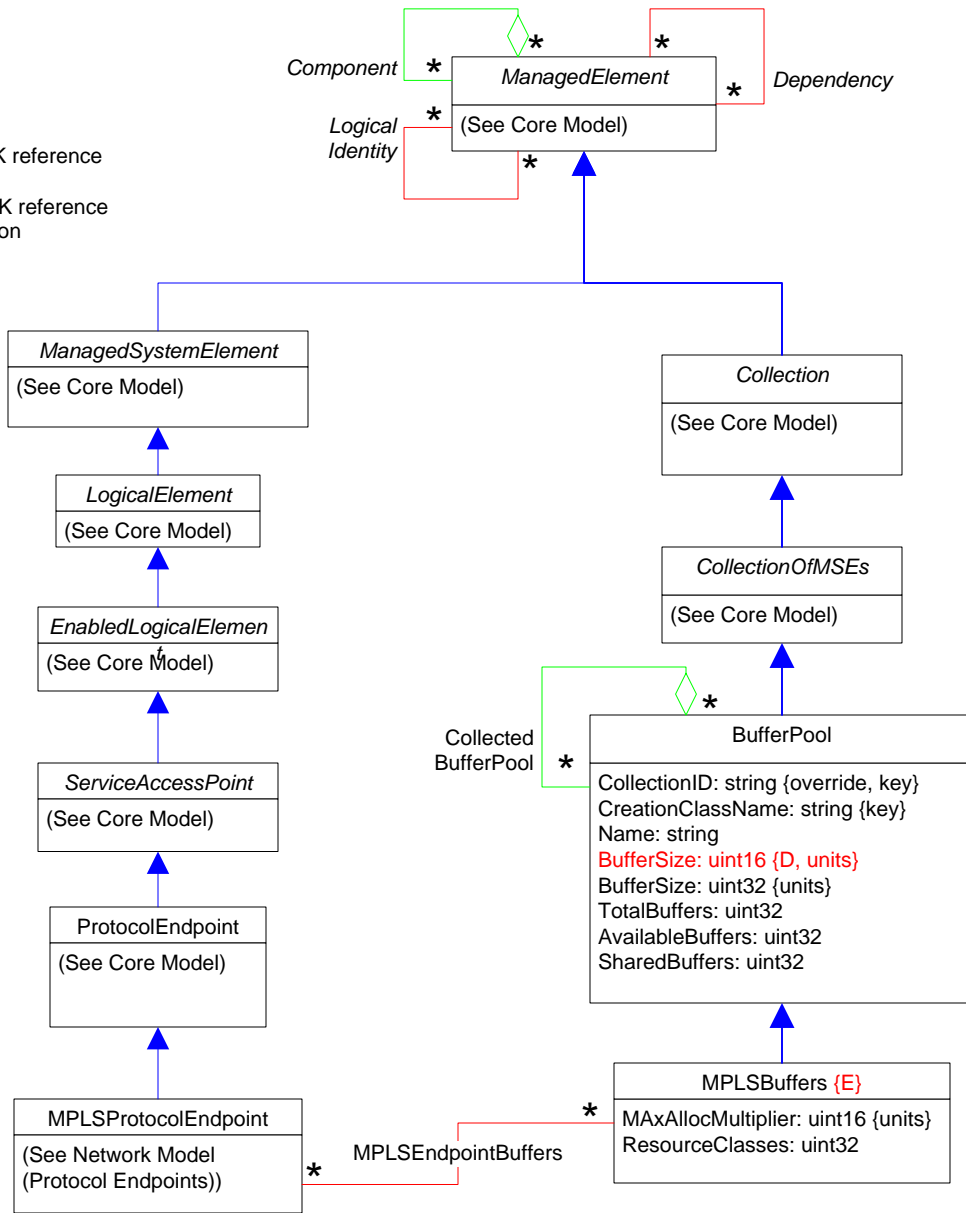


-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0..n










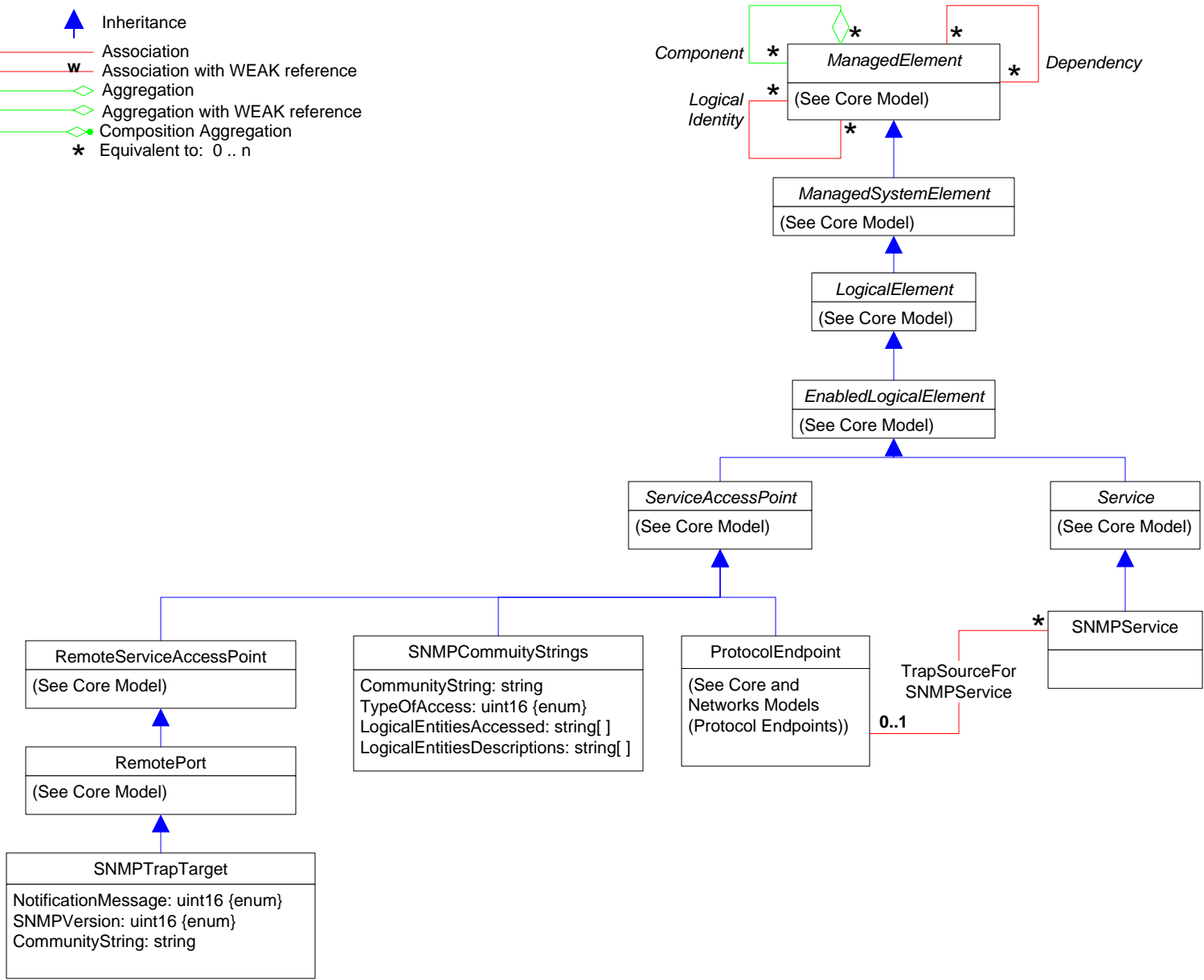
Page 13 of 47: Buffers

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

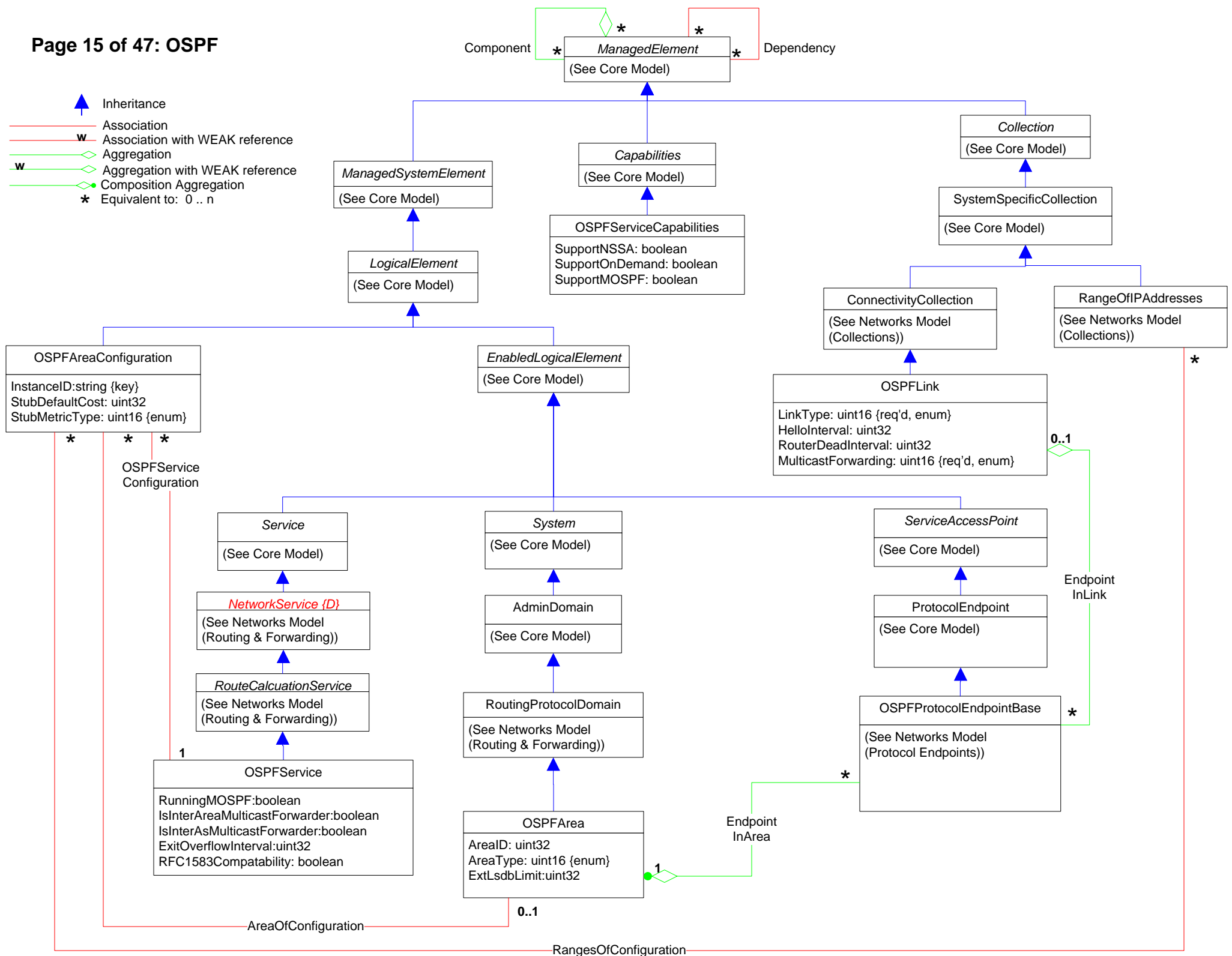


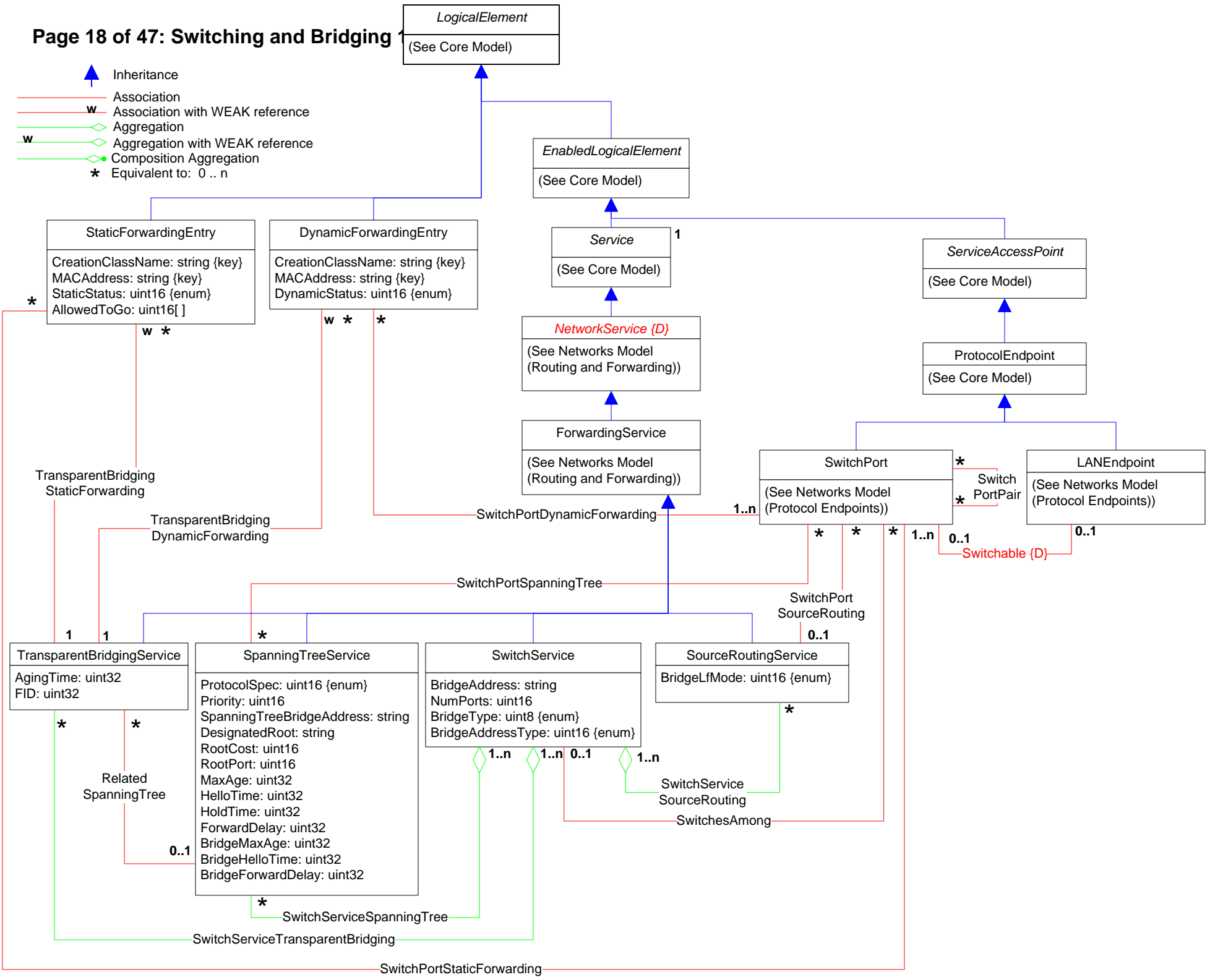
Page 14 of 47: SNMP

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

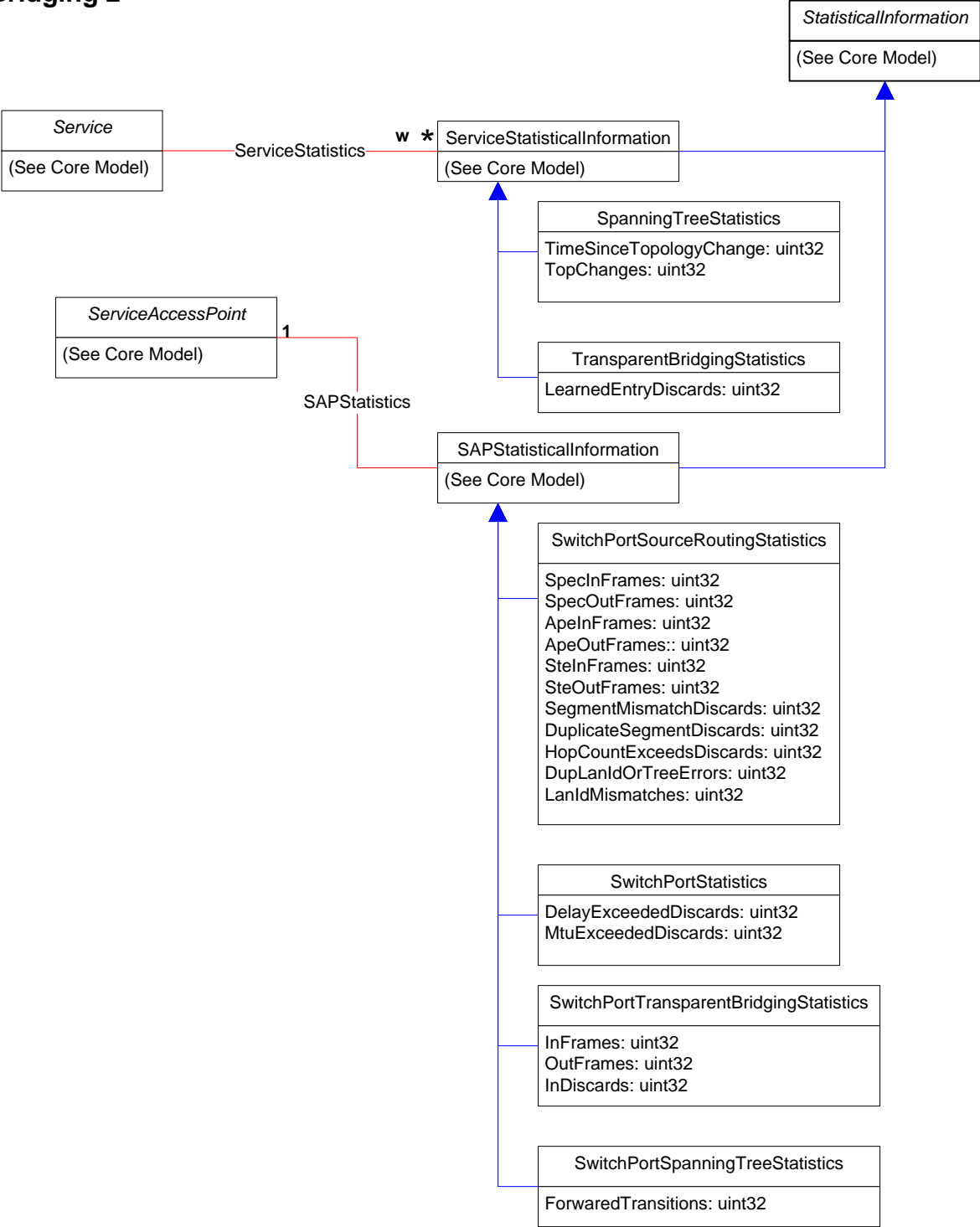









- Inheritance
- Association
- Association with WEAK reference
- Aggregation
- Aggregation with WEAK reference
- Composition Aggregation
- Equivalent to: 0 .. n

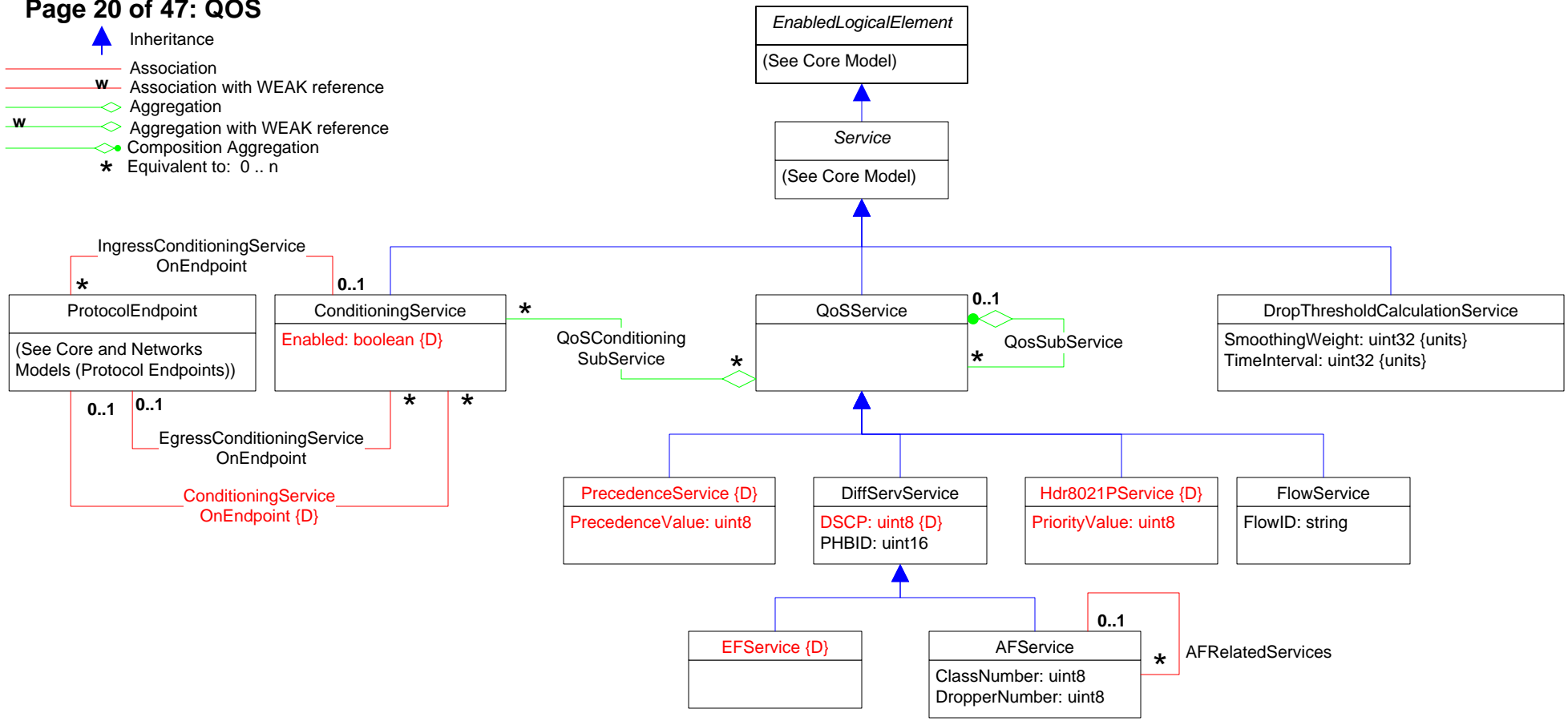


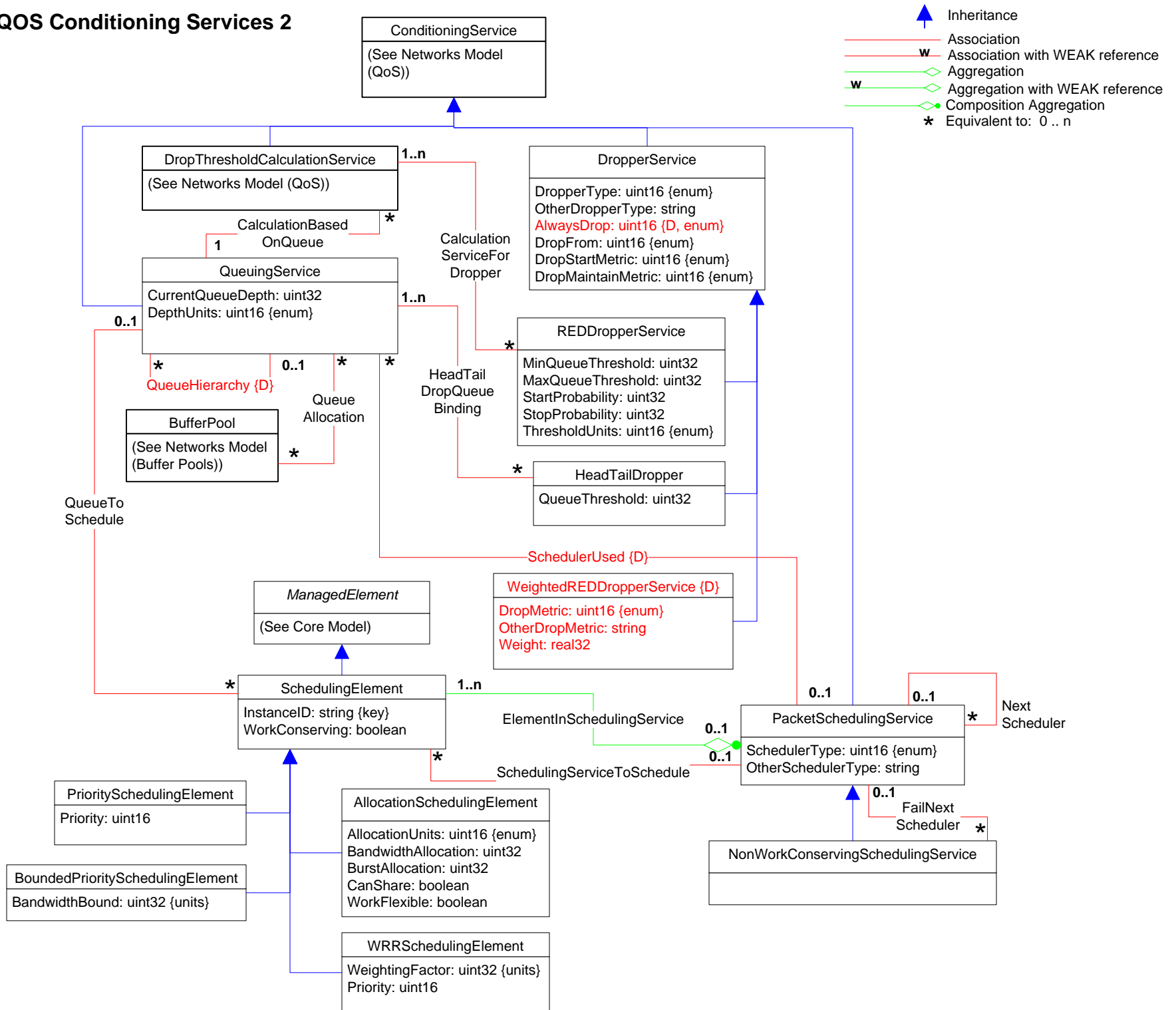


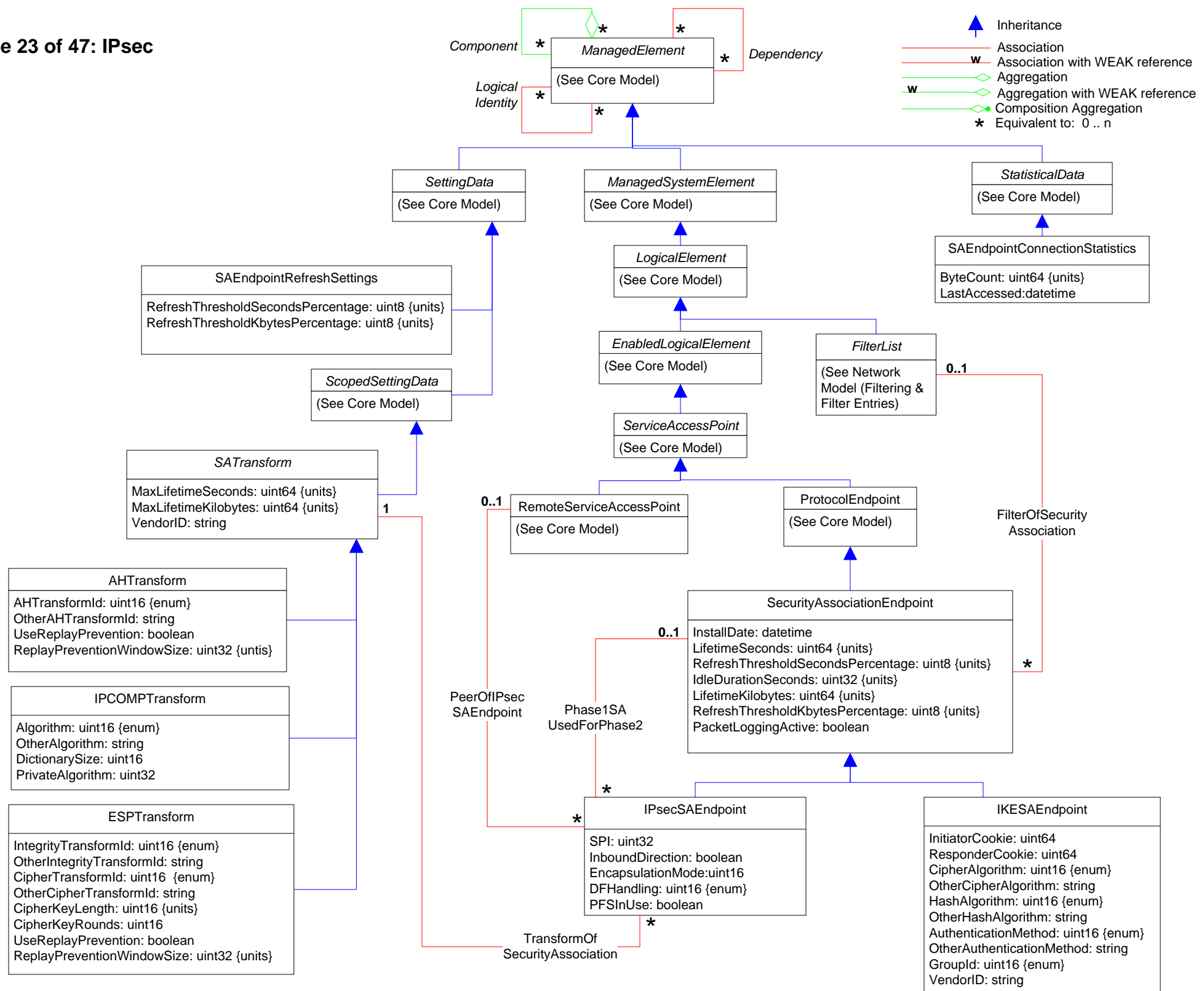
- Inheritance
- Association
- Association with WEAK reference
- Aggregation
- Aggregation with WEAK reference
- Composition Aggregation
- Equivalent to: 0..n










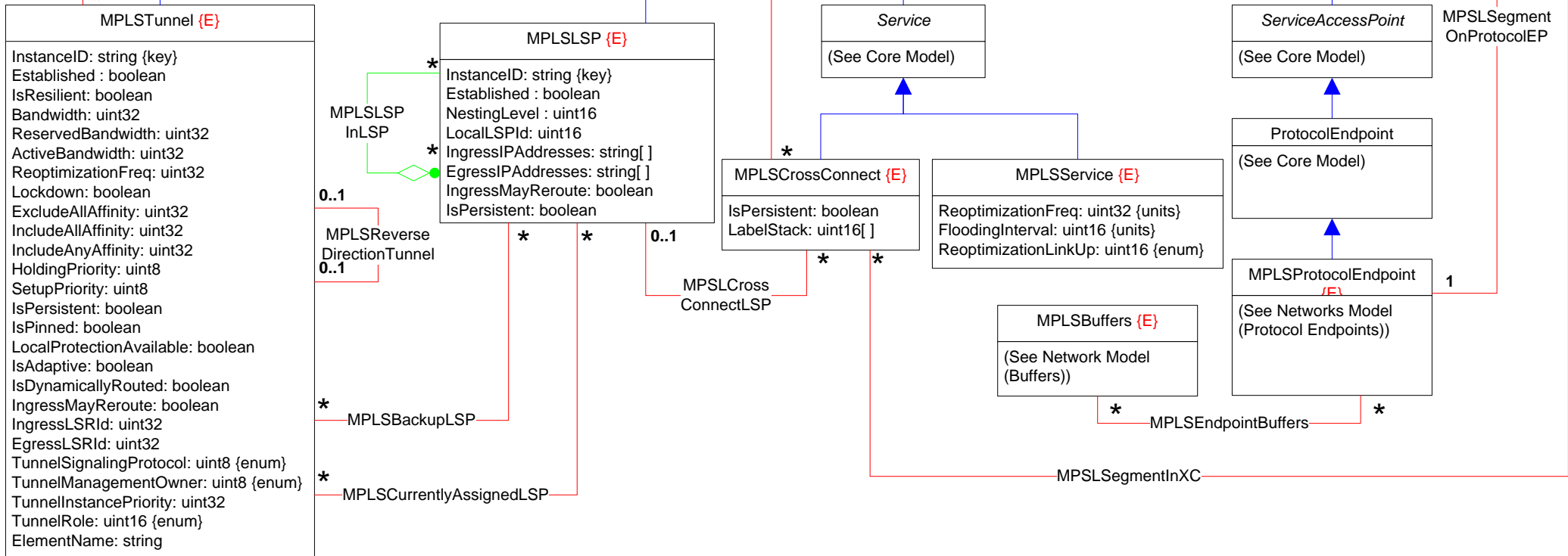
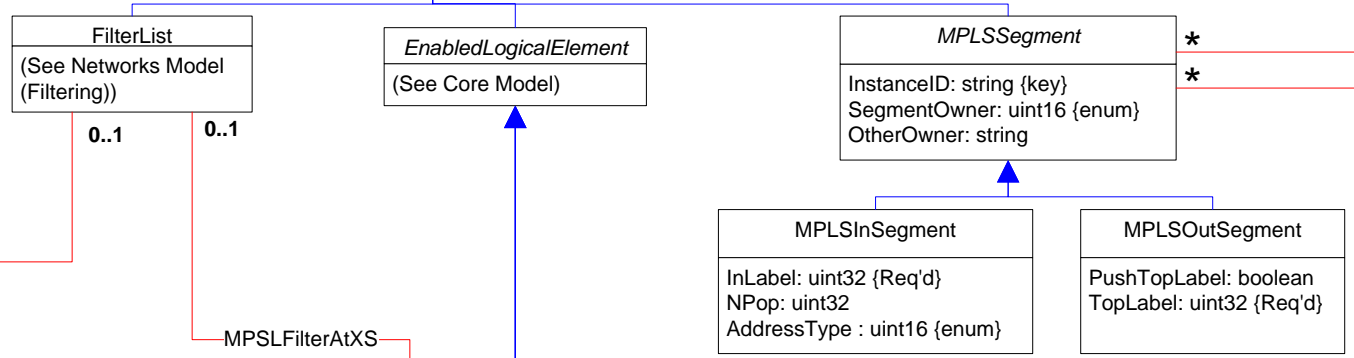
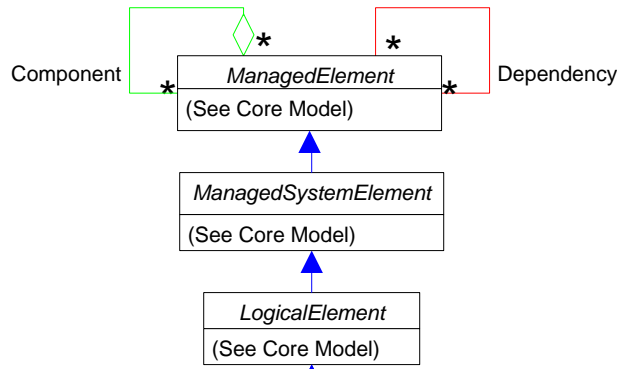
-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0..n

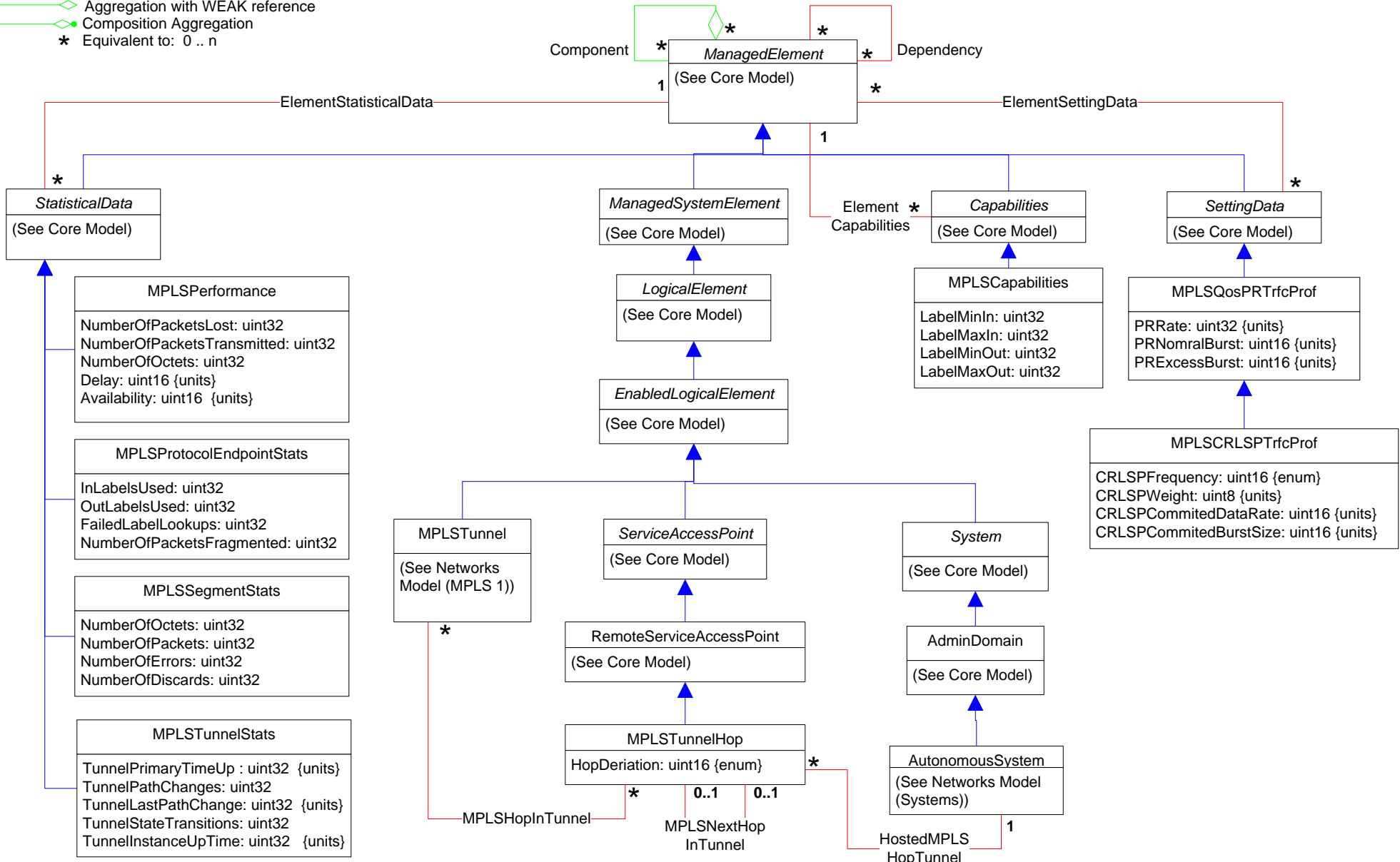
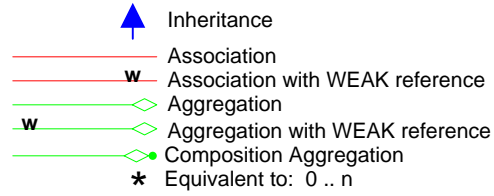


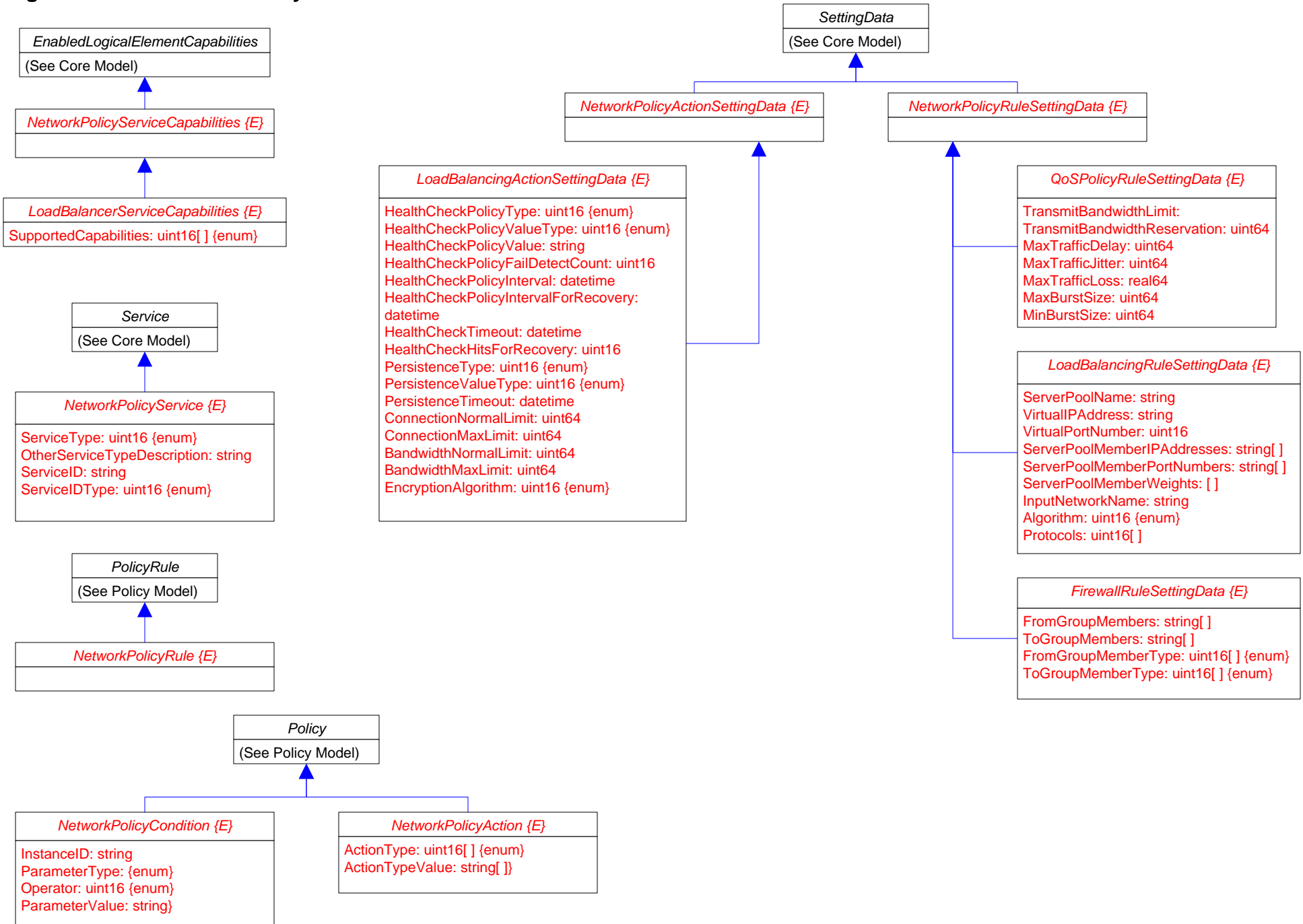











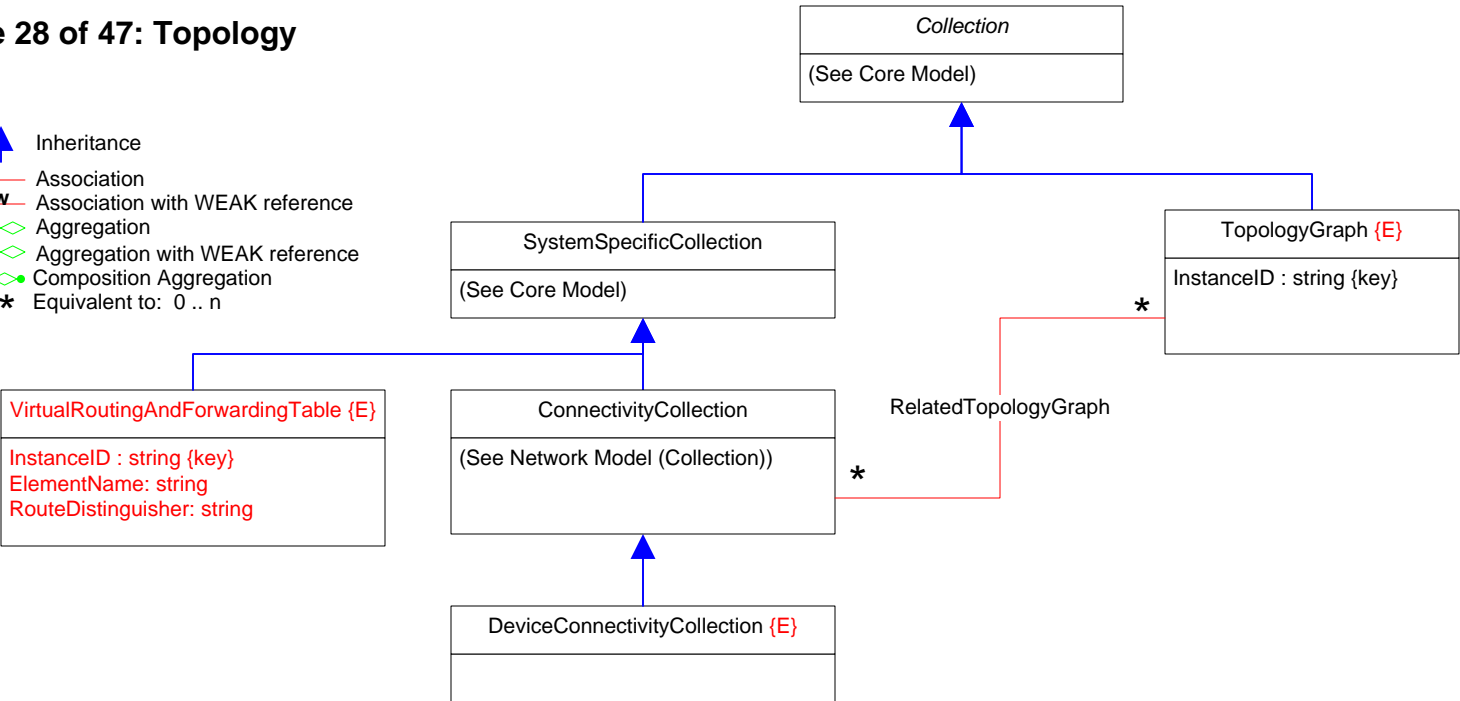
-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0 .. n

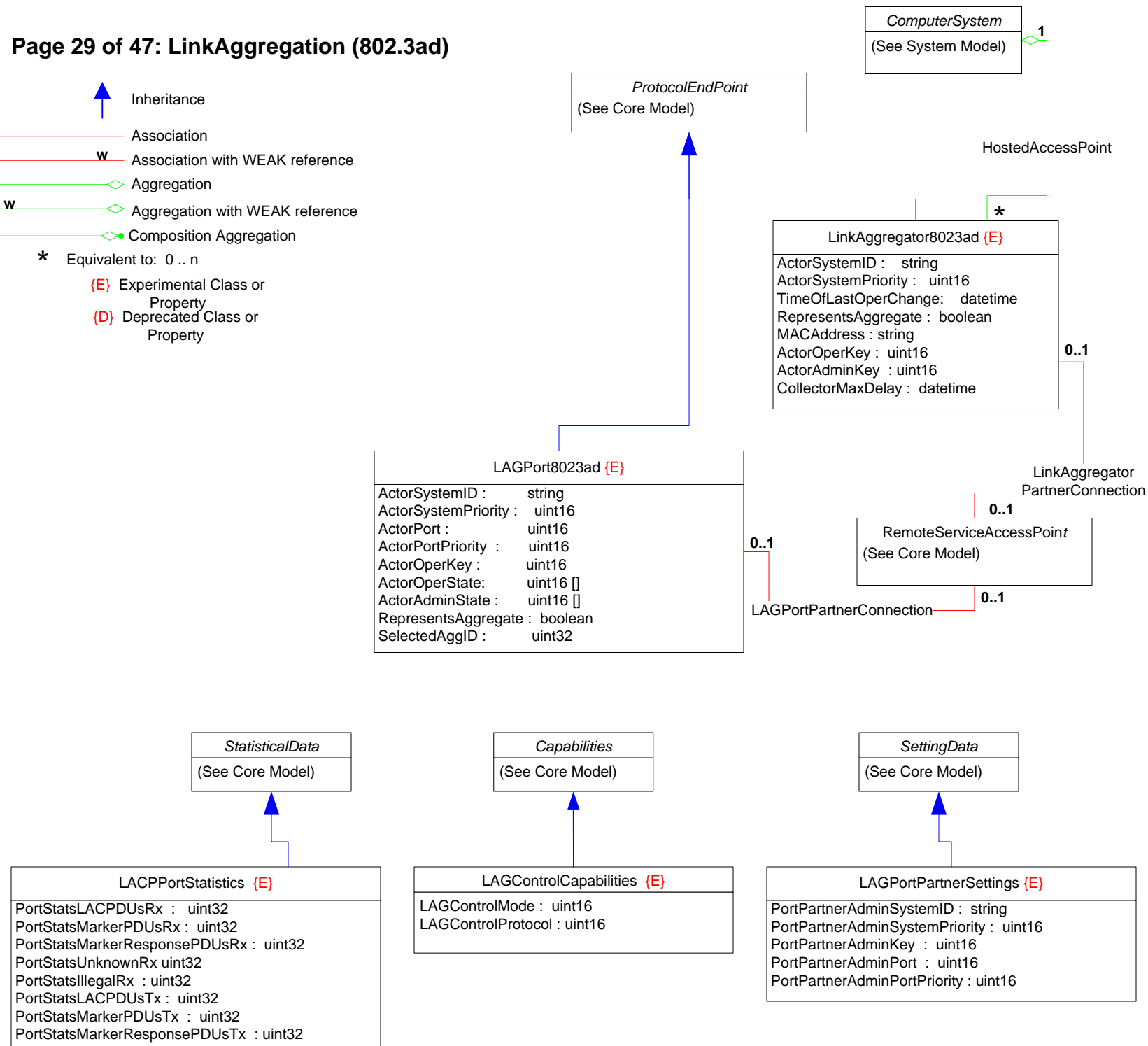
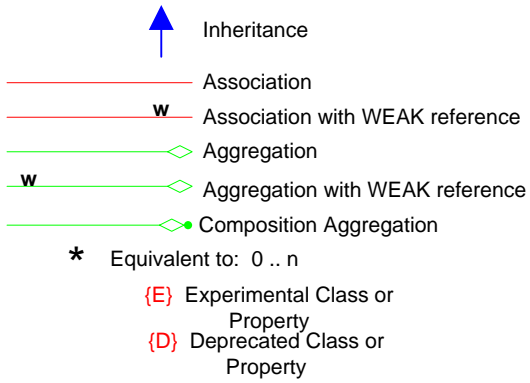




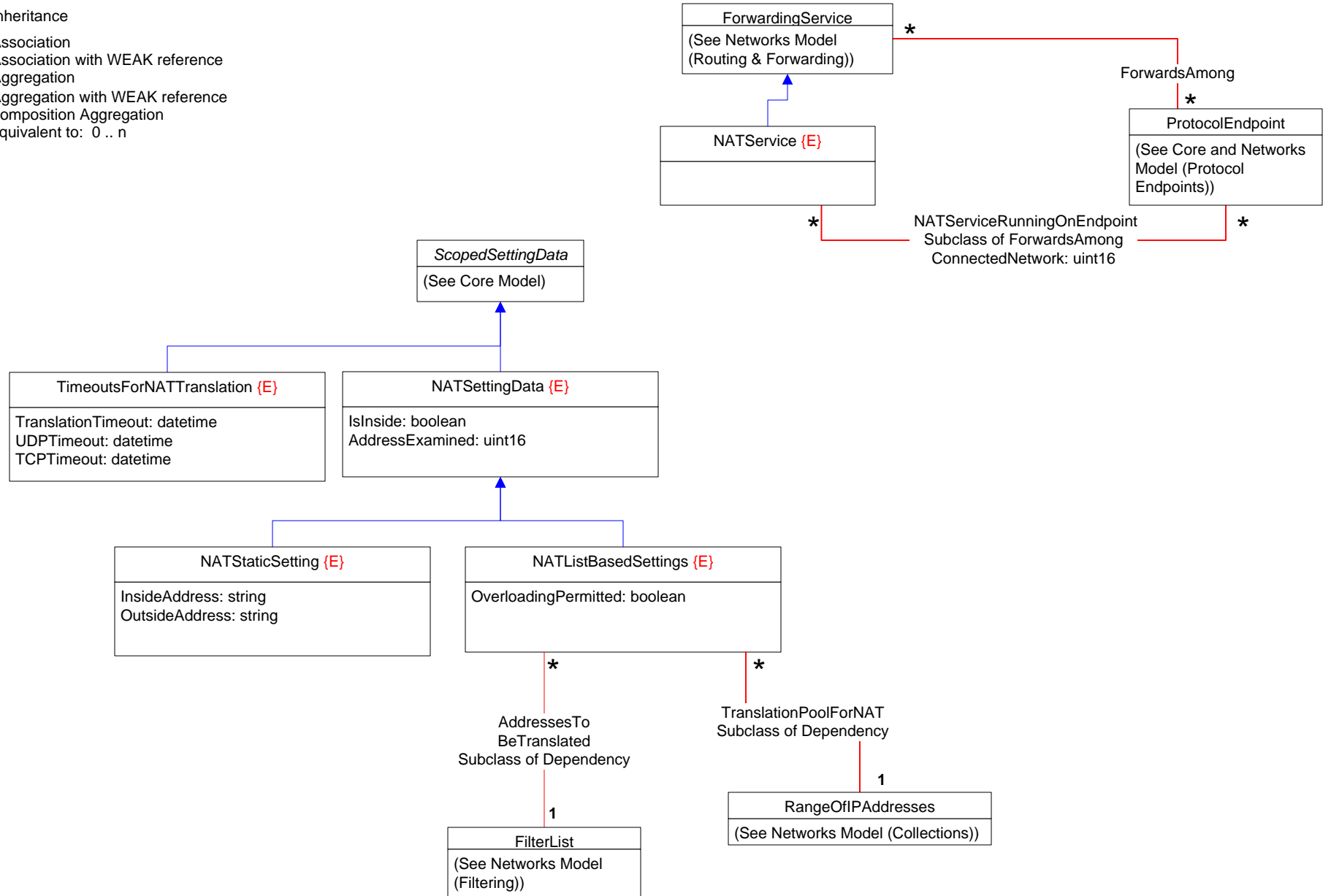
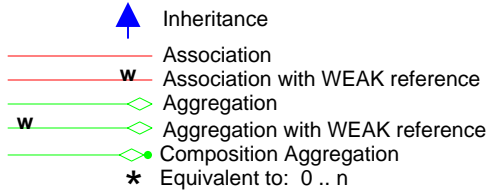









-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0 .. n

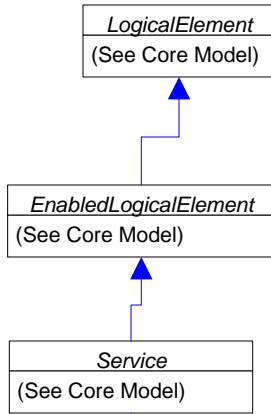




Page 25 : Network Address Translation (NAT)



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



iSCSIConfigurationService {E}

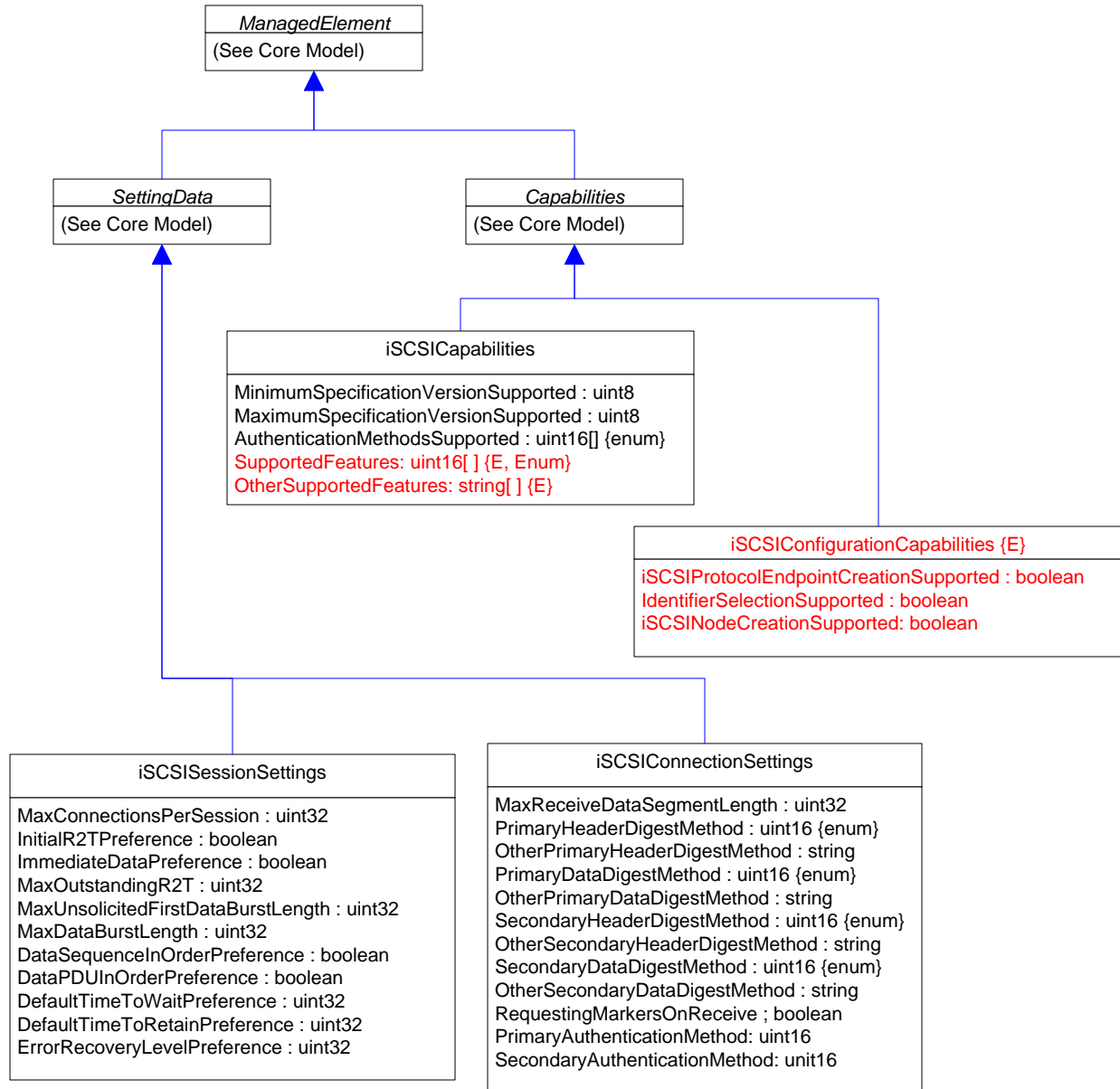
CreateiSCSIProtocolEndpoint ([IN] iSCSINode : ref SCSIProtocolController, [IN] Role : uint16 {enum}, [IN] Identifier : string, [IN] NetworkPortals : ref ProtocolEndpoint[], [OUT] iSCSIPort : ref iSCSIProtocolEndpoint) : uint32 {enum}








DeleteiSCSIProtocolEndpoint([IN] iSCSIPort : ref iSCSIProtocolEndpoint) : uint32 {enum}

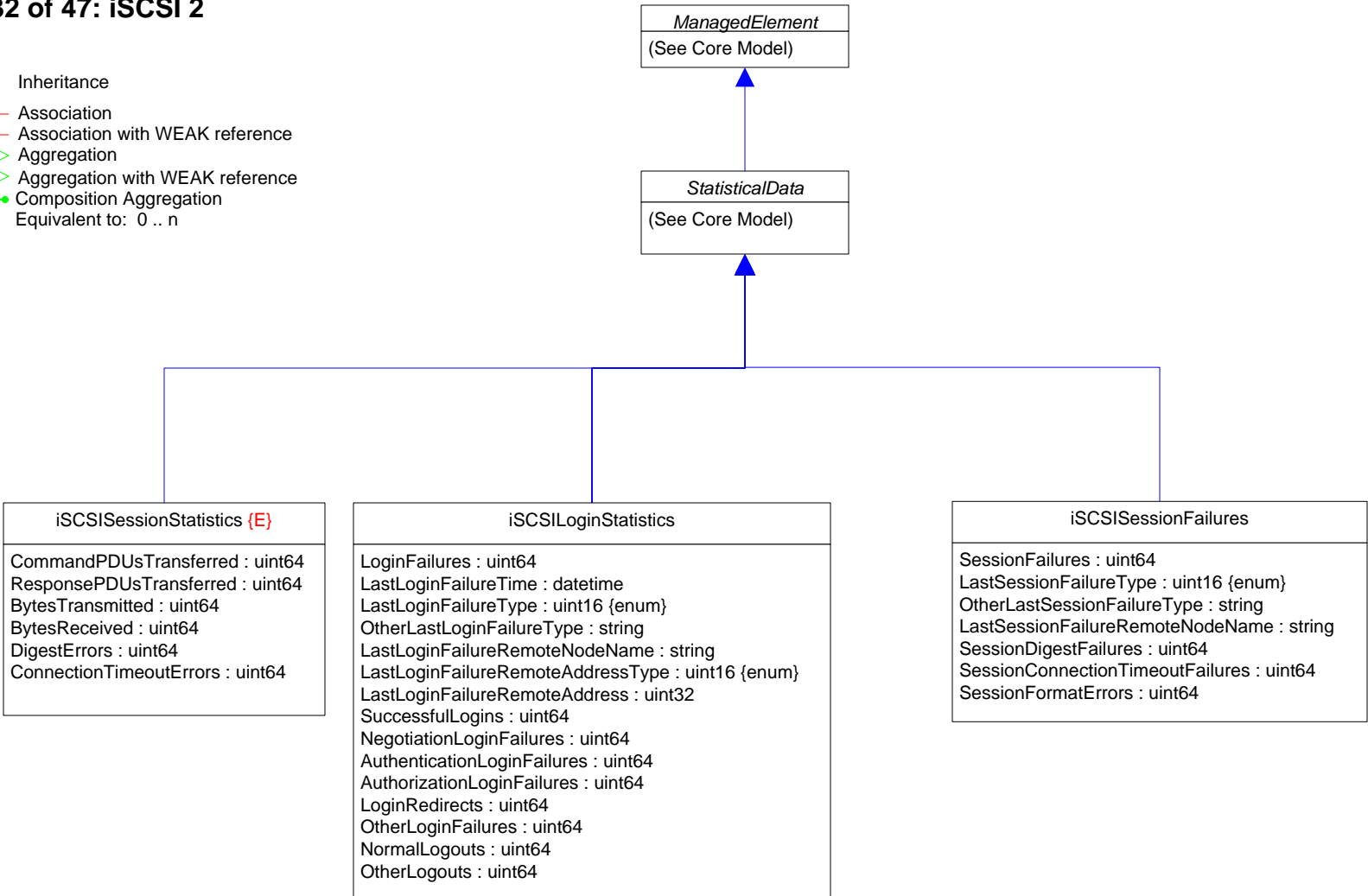
BindiSCSIProtocolEndpoint ([IN] iSCSIPort : ref iSCSIProtocolEndpoint, [IN] NetworkPortal : ref ProtocolEndpoint) : uint32 {enum}








CreateiSCSINode ([IN] Alias: string, [OUT] iSCSINode: ref SCSIProtocolController) : uint32

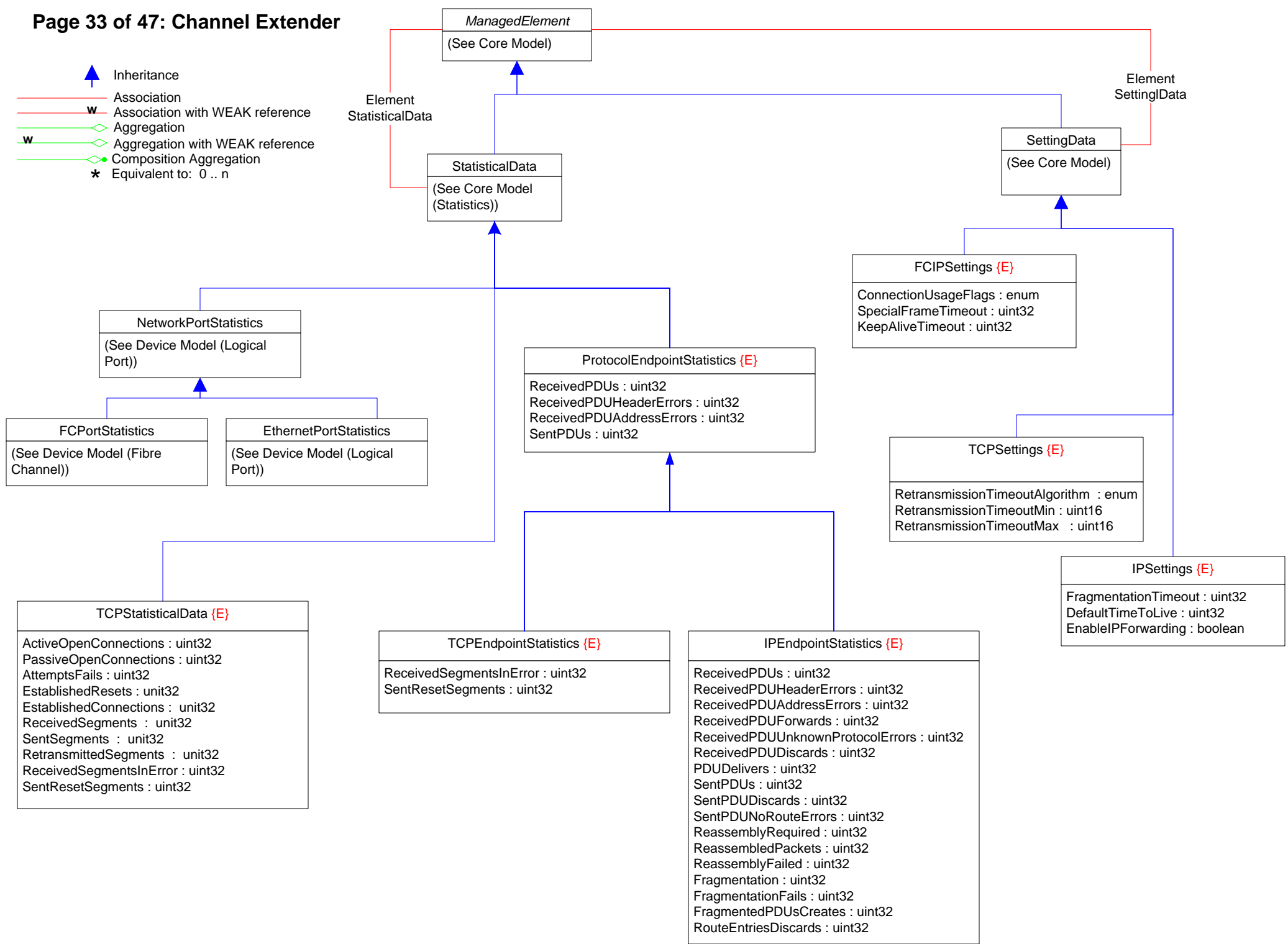
DeleteiSCSINode ([IN] iSCSINode: ref SCSIProtocolController) : uint32

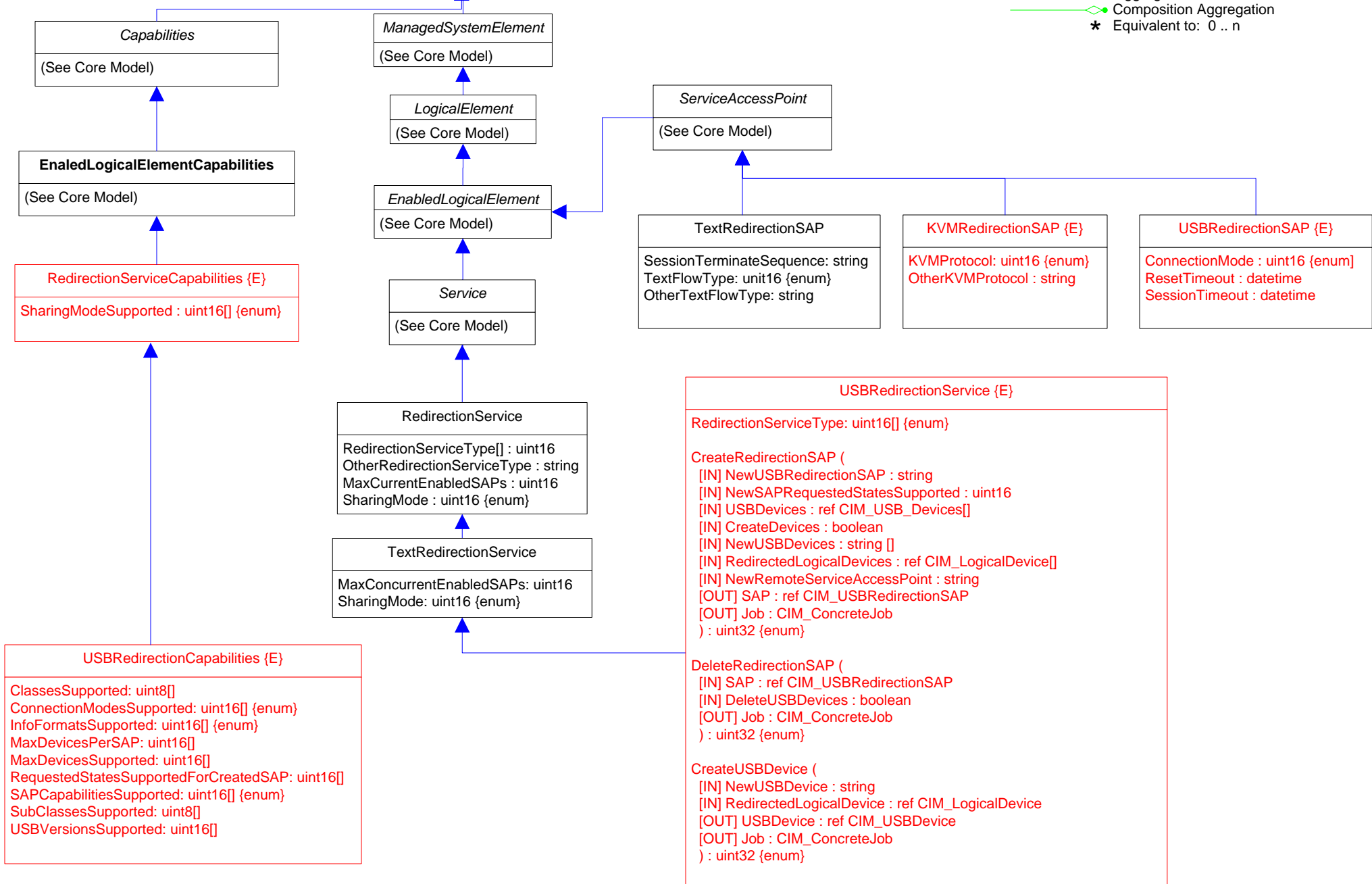
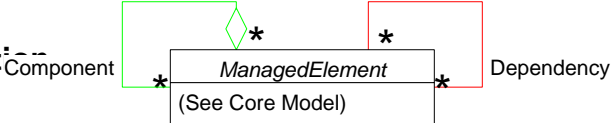


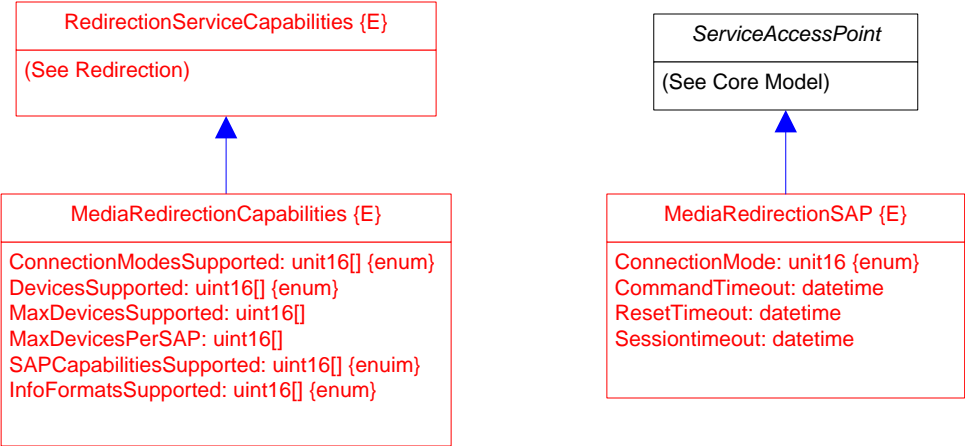
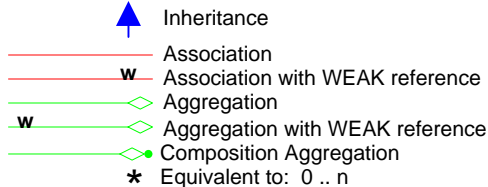
-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0 .. n










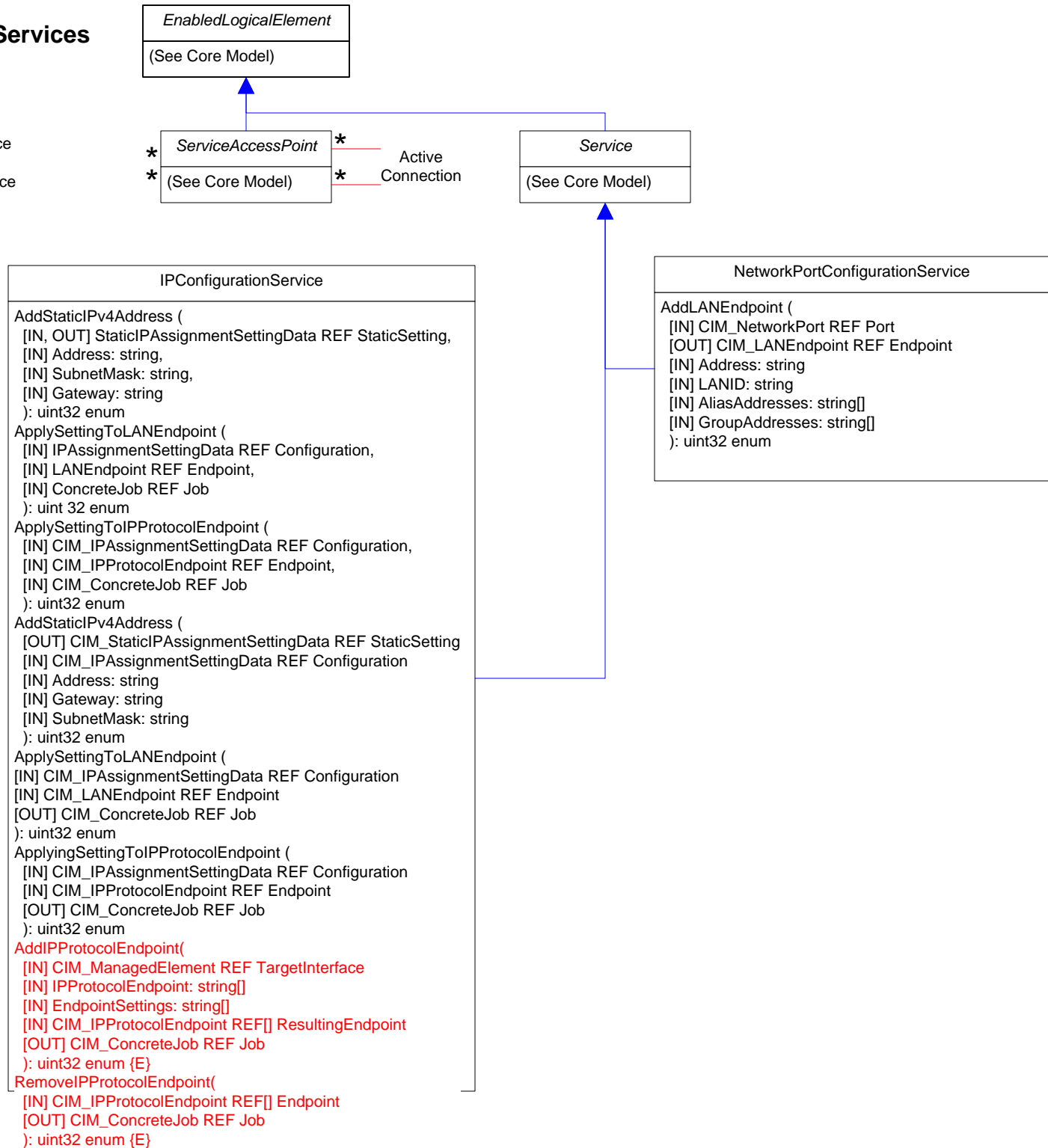
-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0 .. n

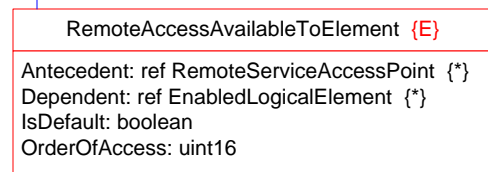
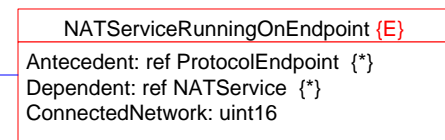
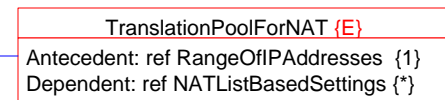
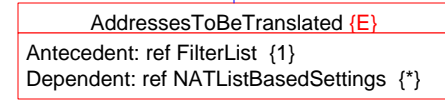
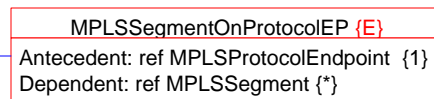
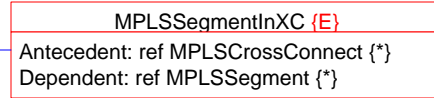
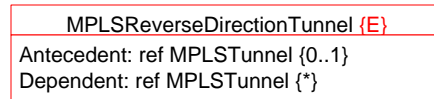
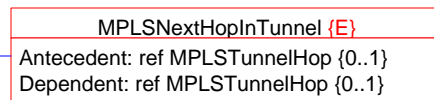
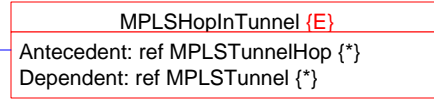
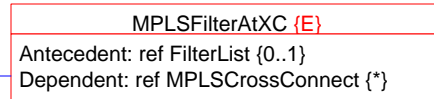
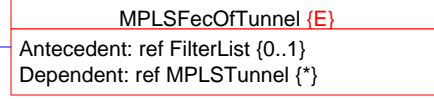
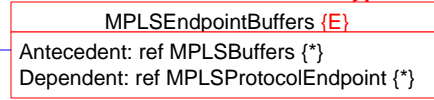
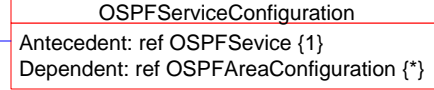
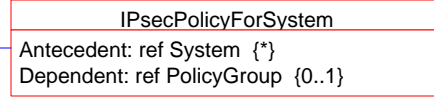
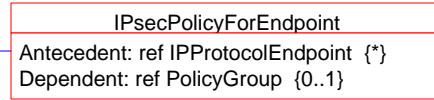
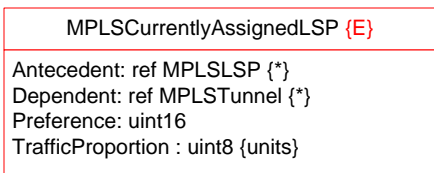
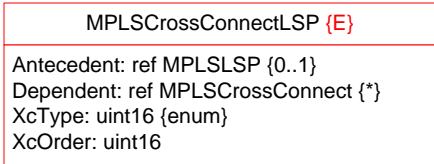
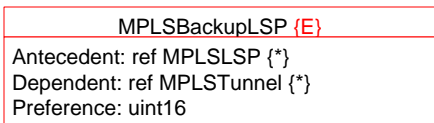
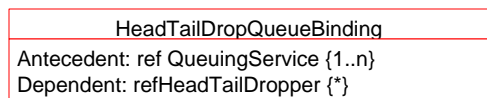
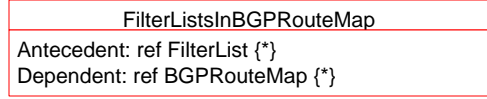
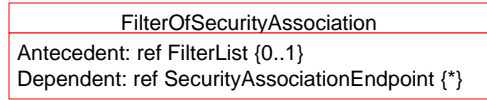
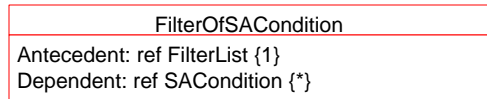
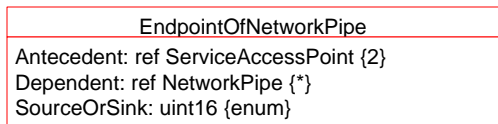
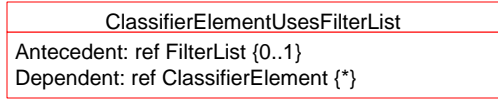
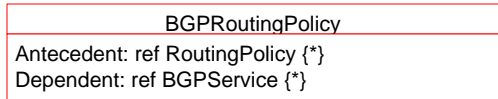
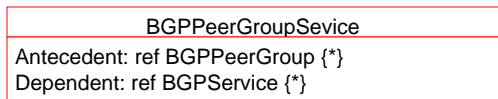
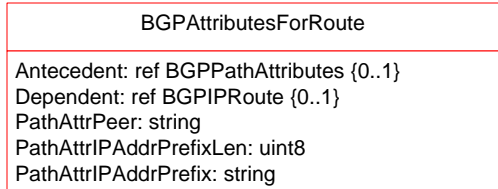
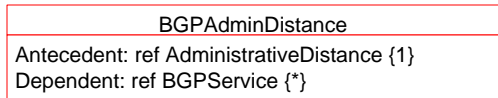
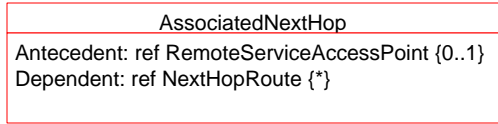
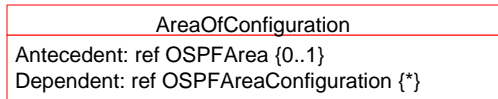
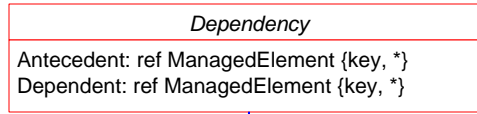


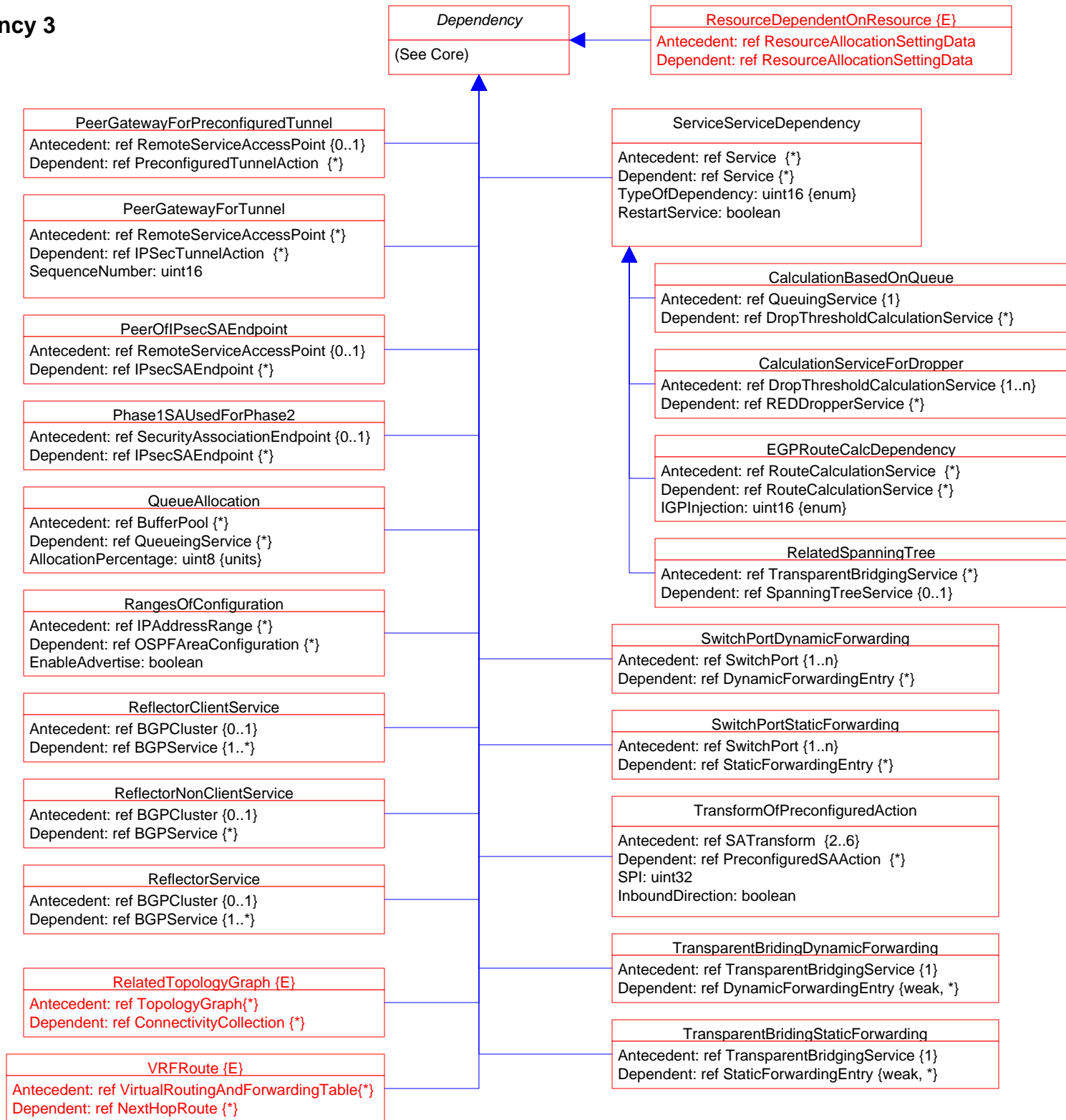


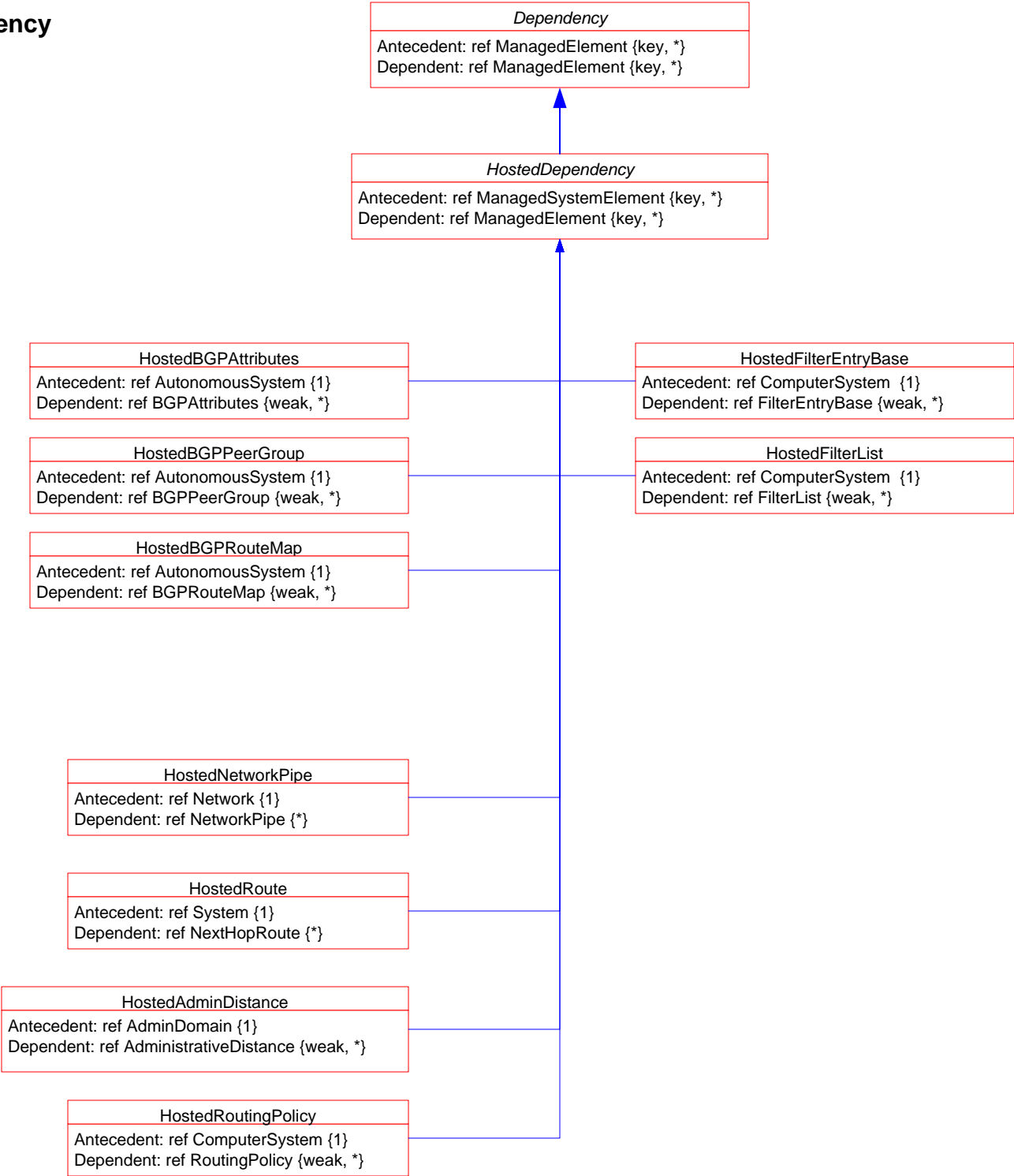


-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0 .. n

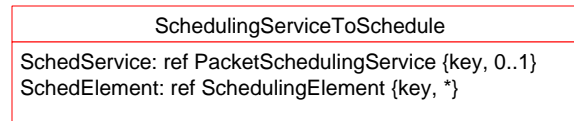
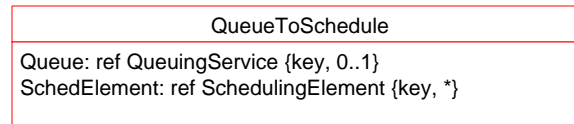
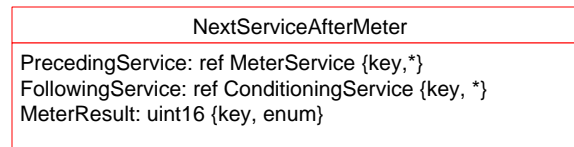
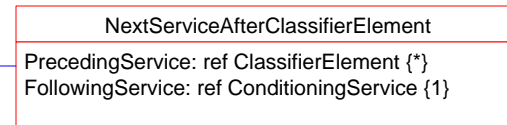
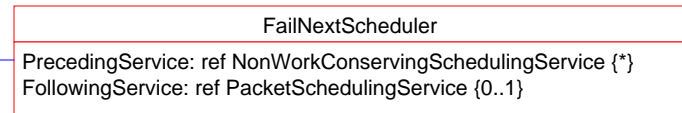
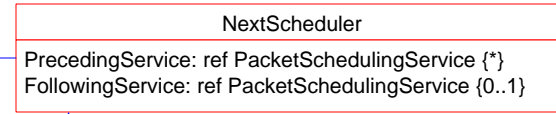
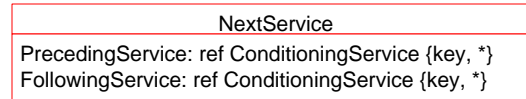
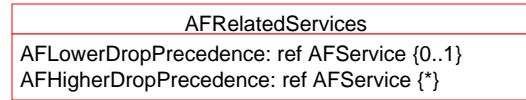
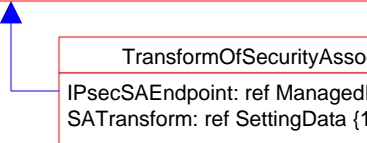
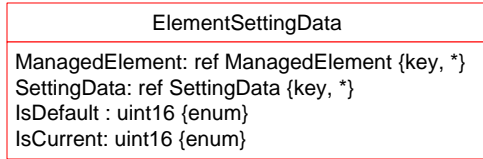
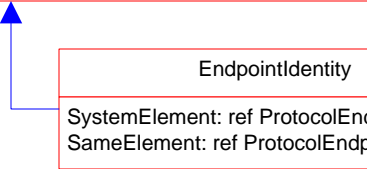
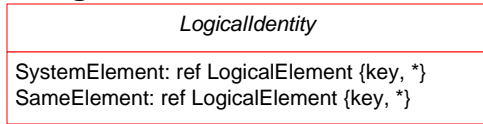




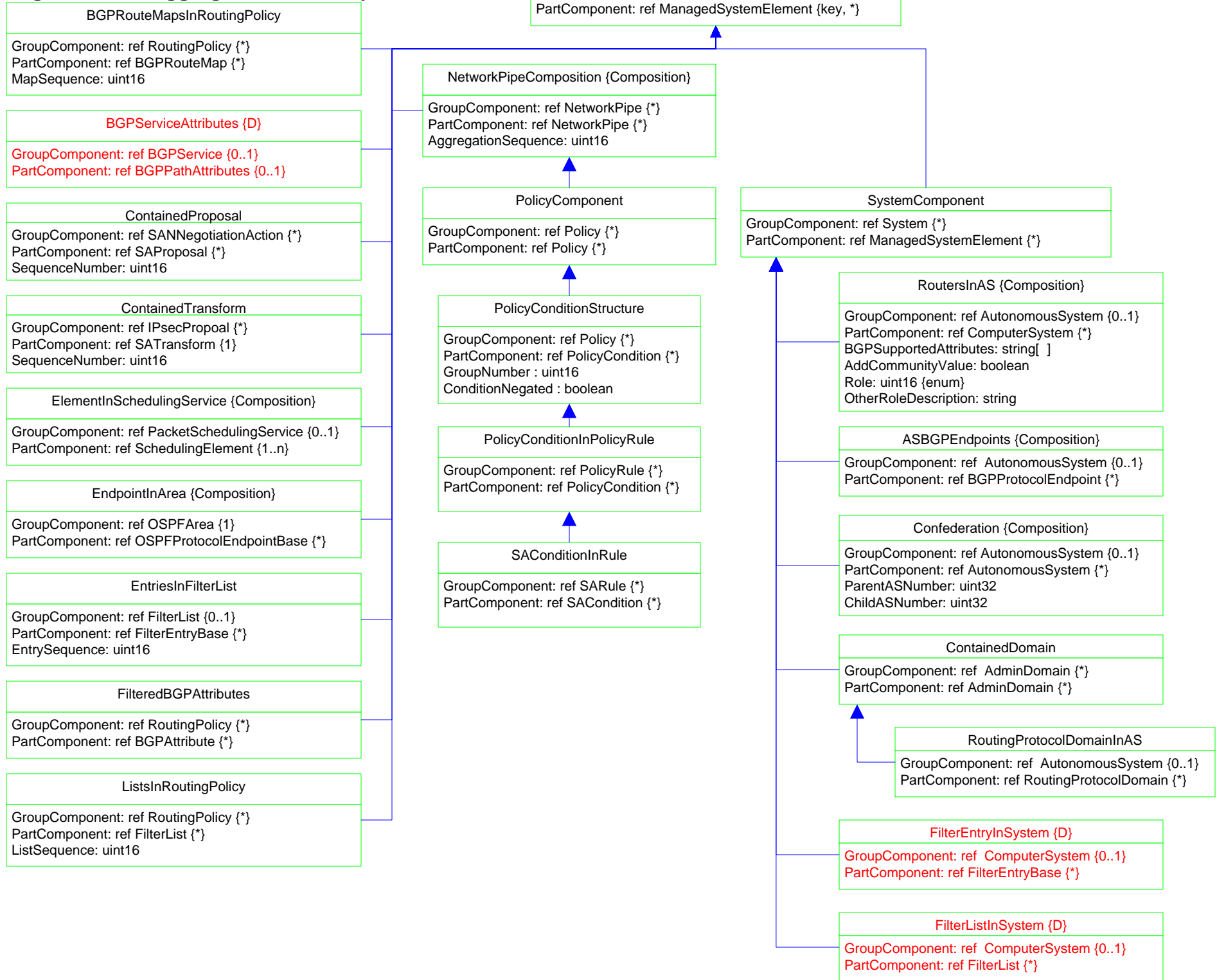


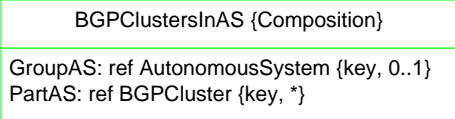
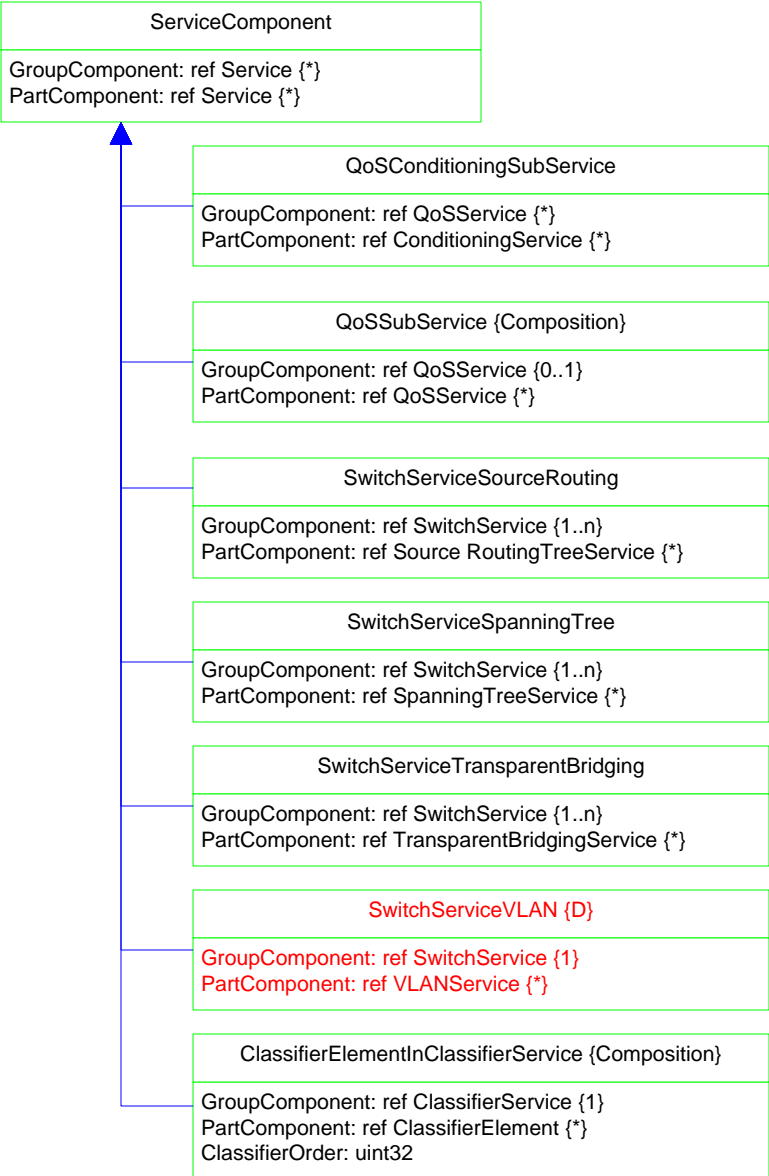


Page 41 of 47: Association Hierarchy

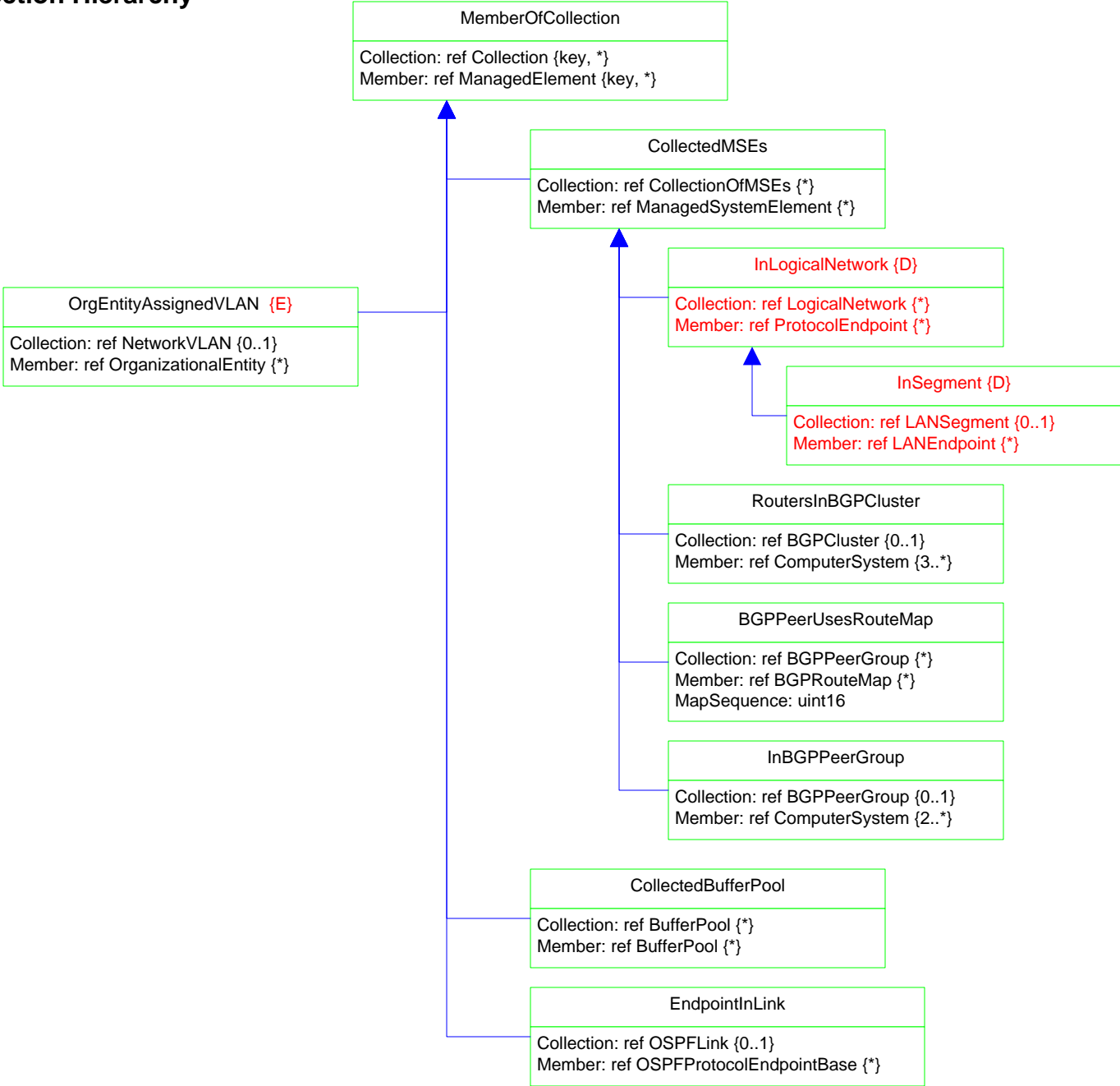


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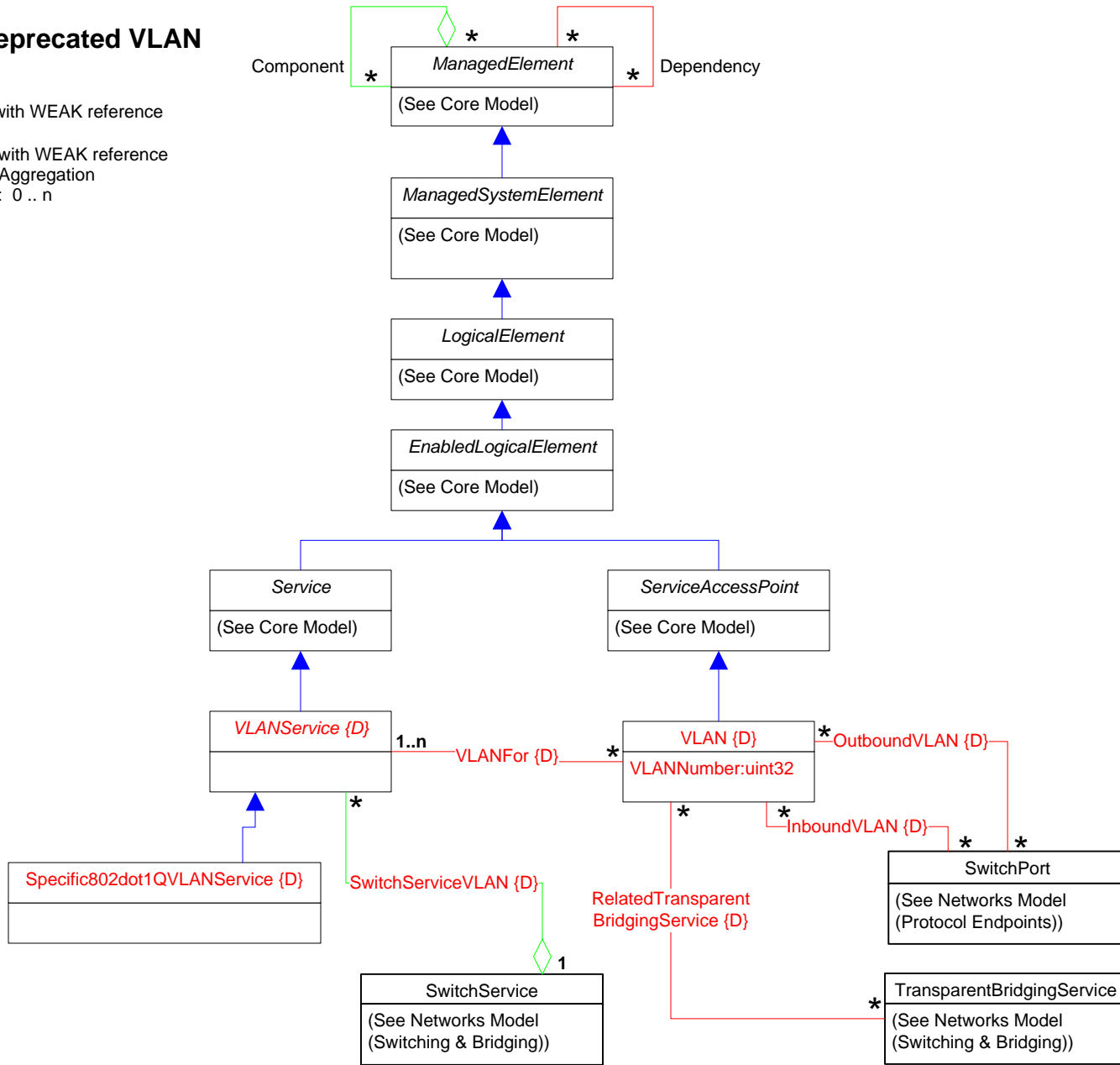


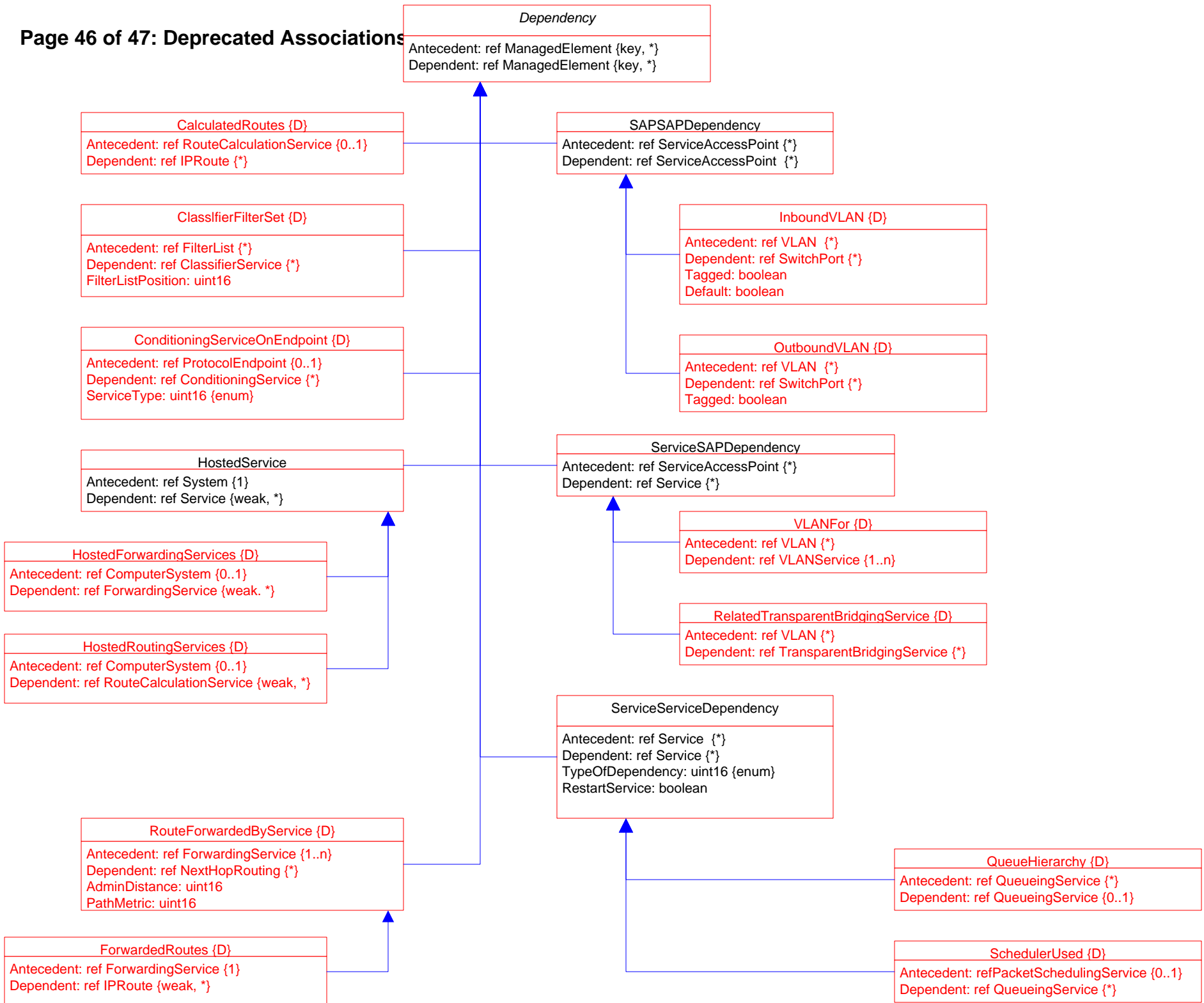
Page 44 of 47: MemberOfCollection Hierarchy



Page 45 of 47: Deprecated VLAN

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





Page 47 of 47: Deprecated Associations 2

