





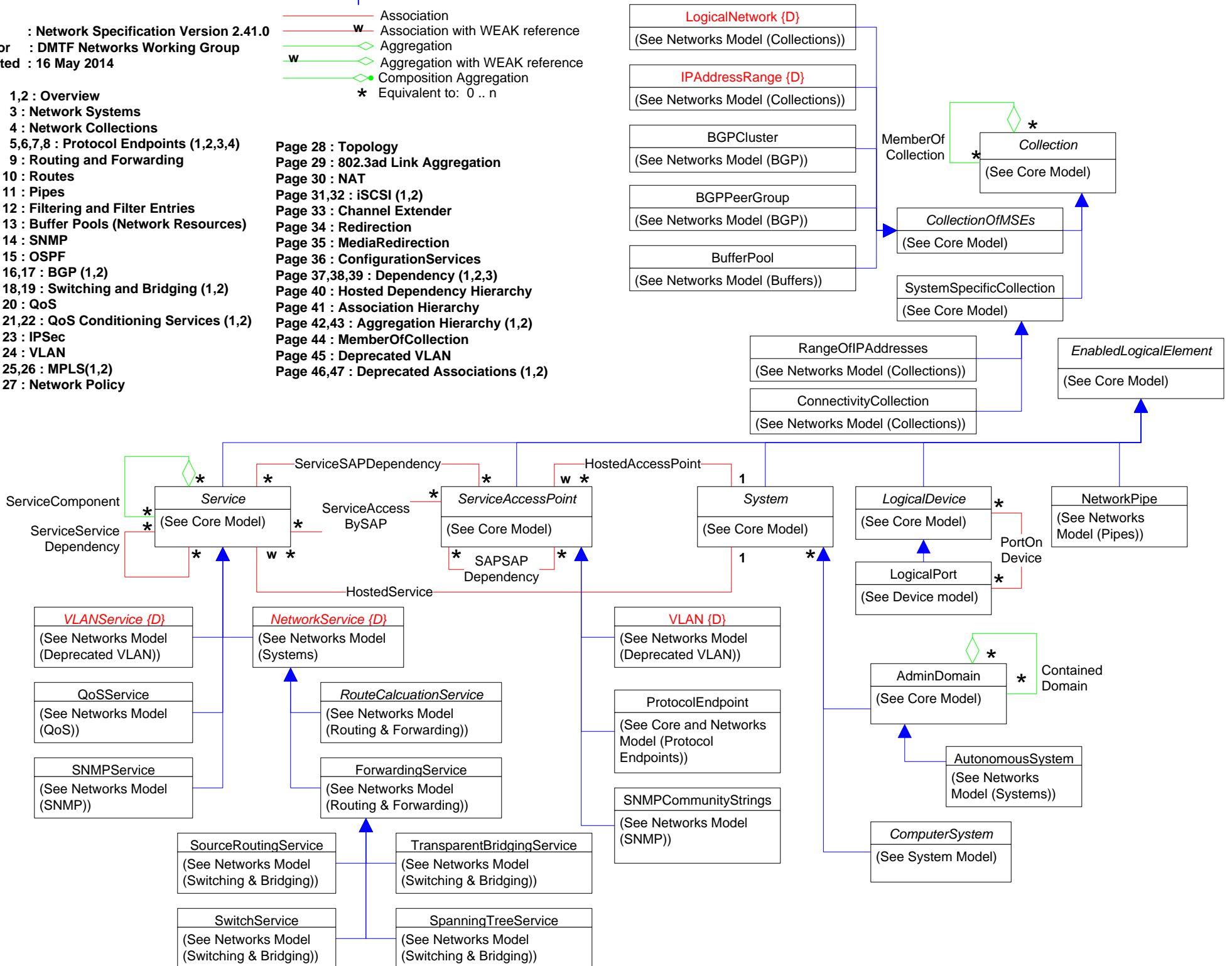


Title : Network Specification Version 2.41.0  
 Author : DMTF Networks Working Group  
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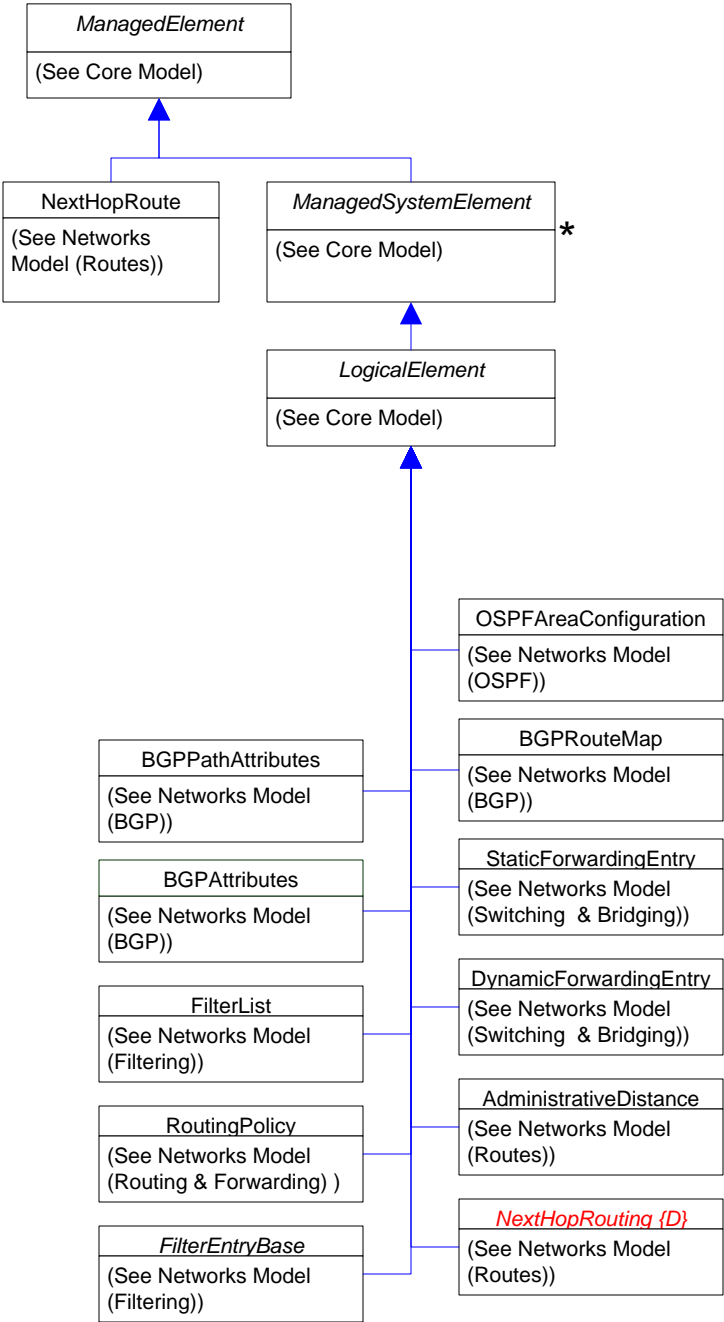
 Inheritance  
 Association  
 Association with WEAK reference  
 Aggregation  
 Aggregation with WEAK reference  
 Composition Aggregation  
 \* Equivalent to: 0 .. n








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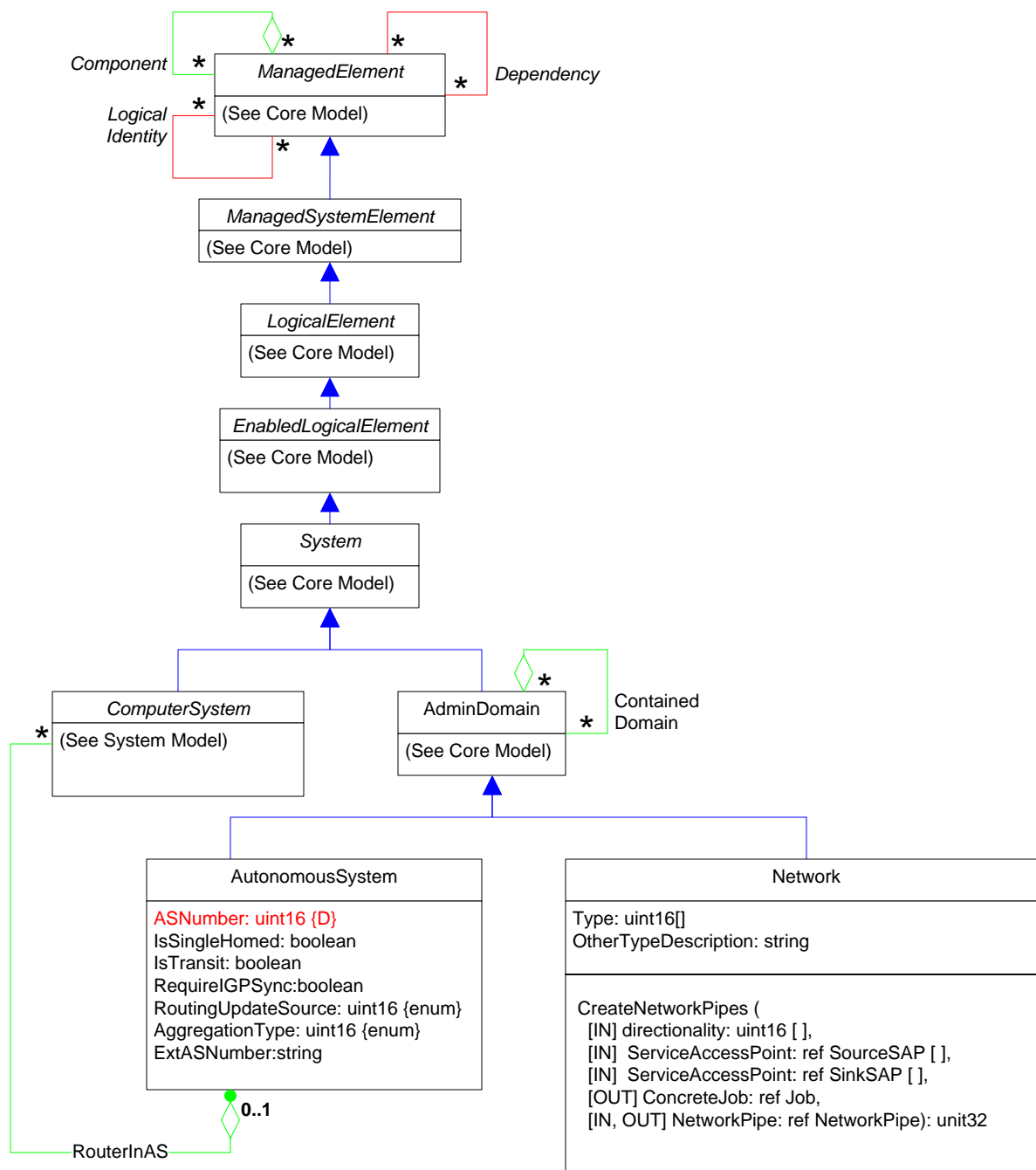









Page 2 of 47: Overview 2

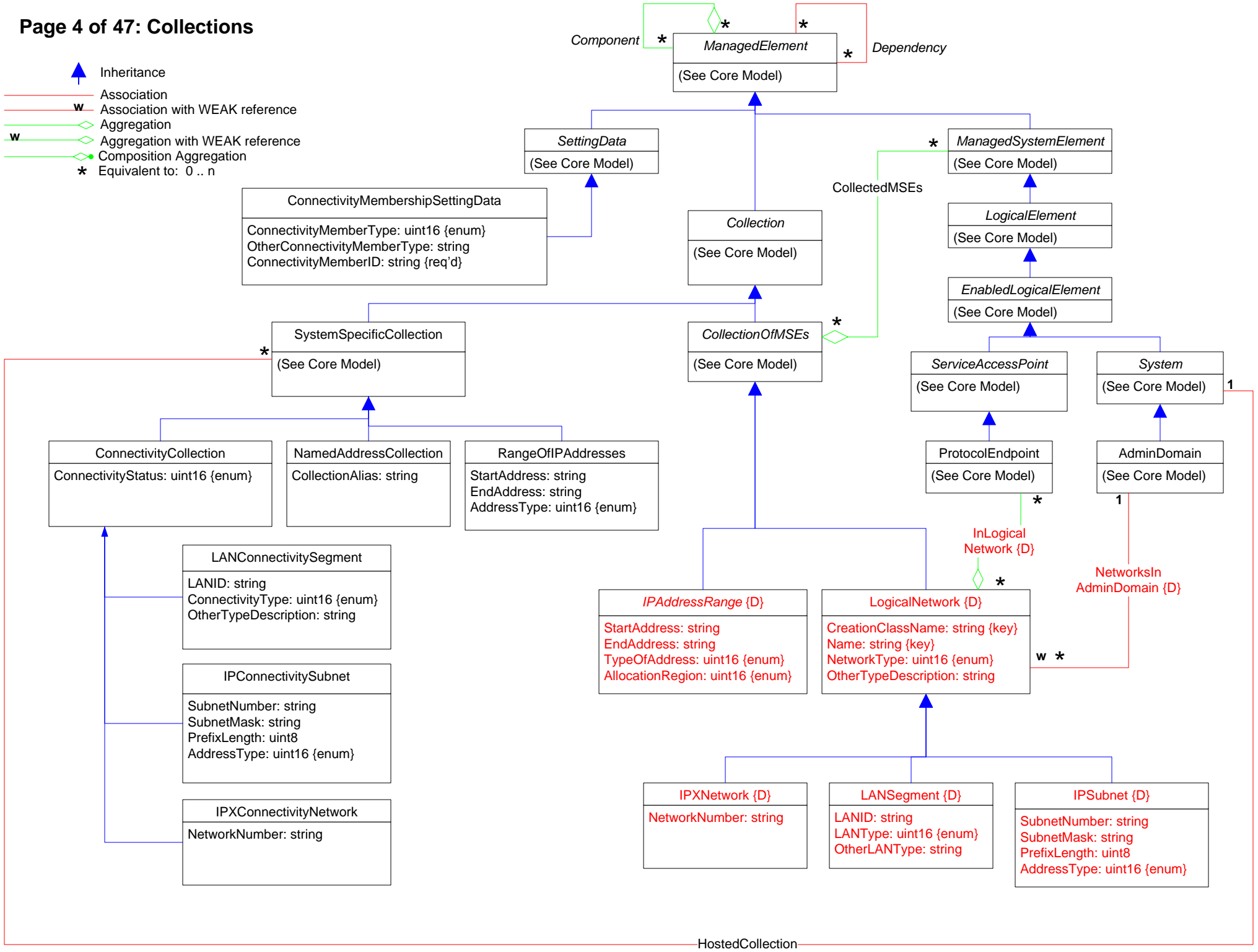
-  Inheritance
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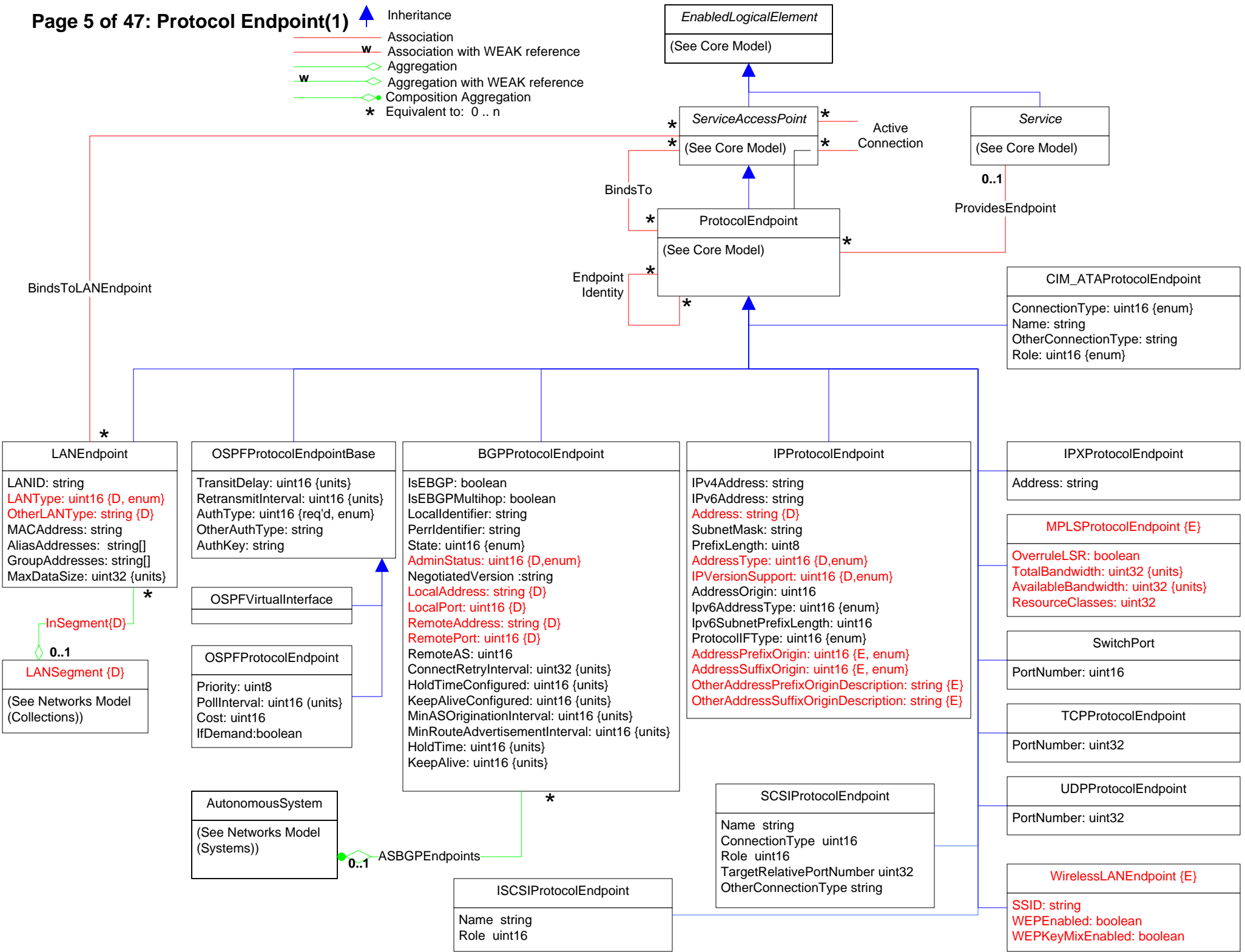
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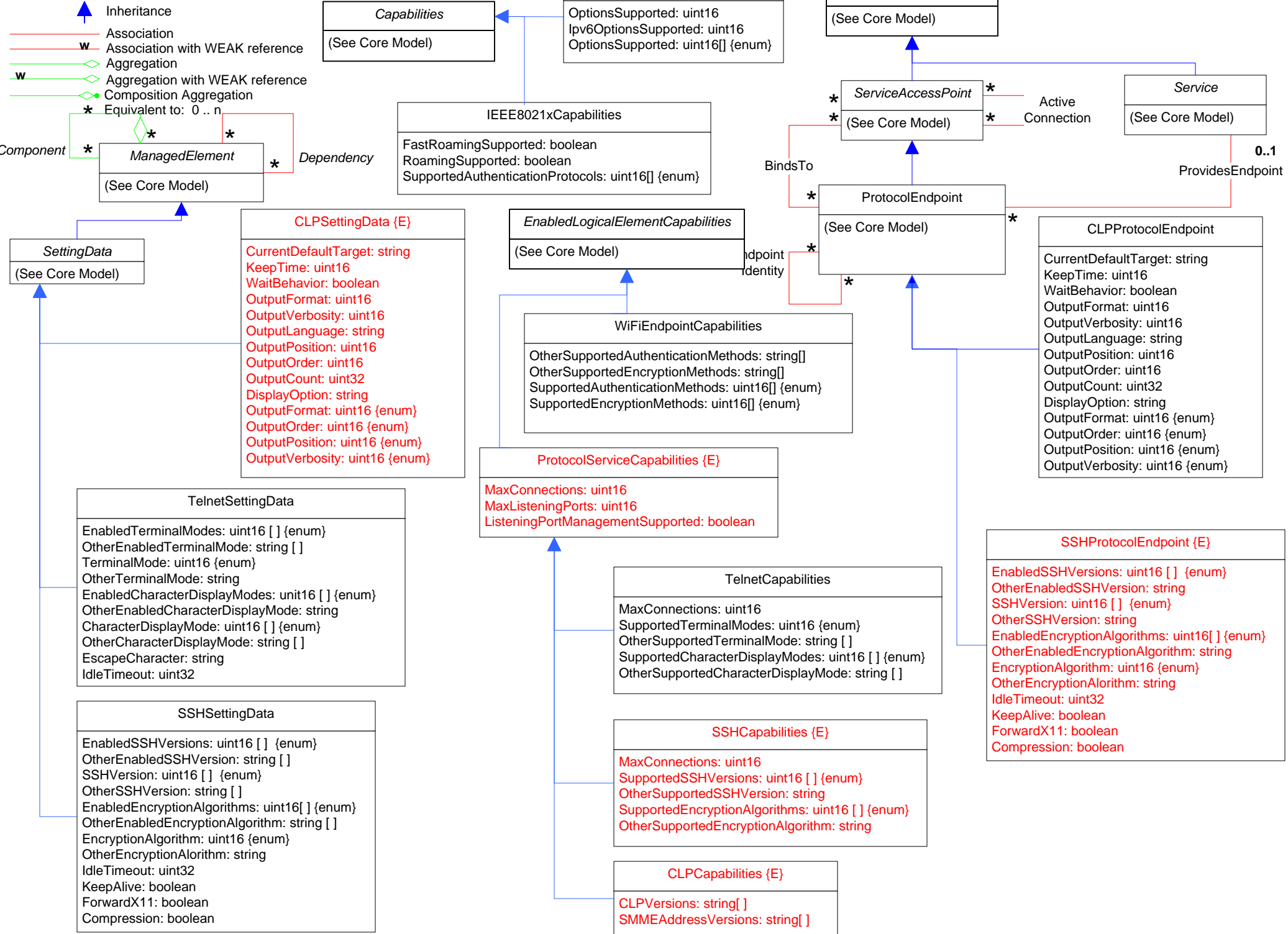
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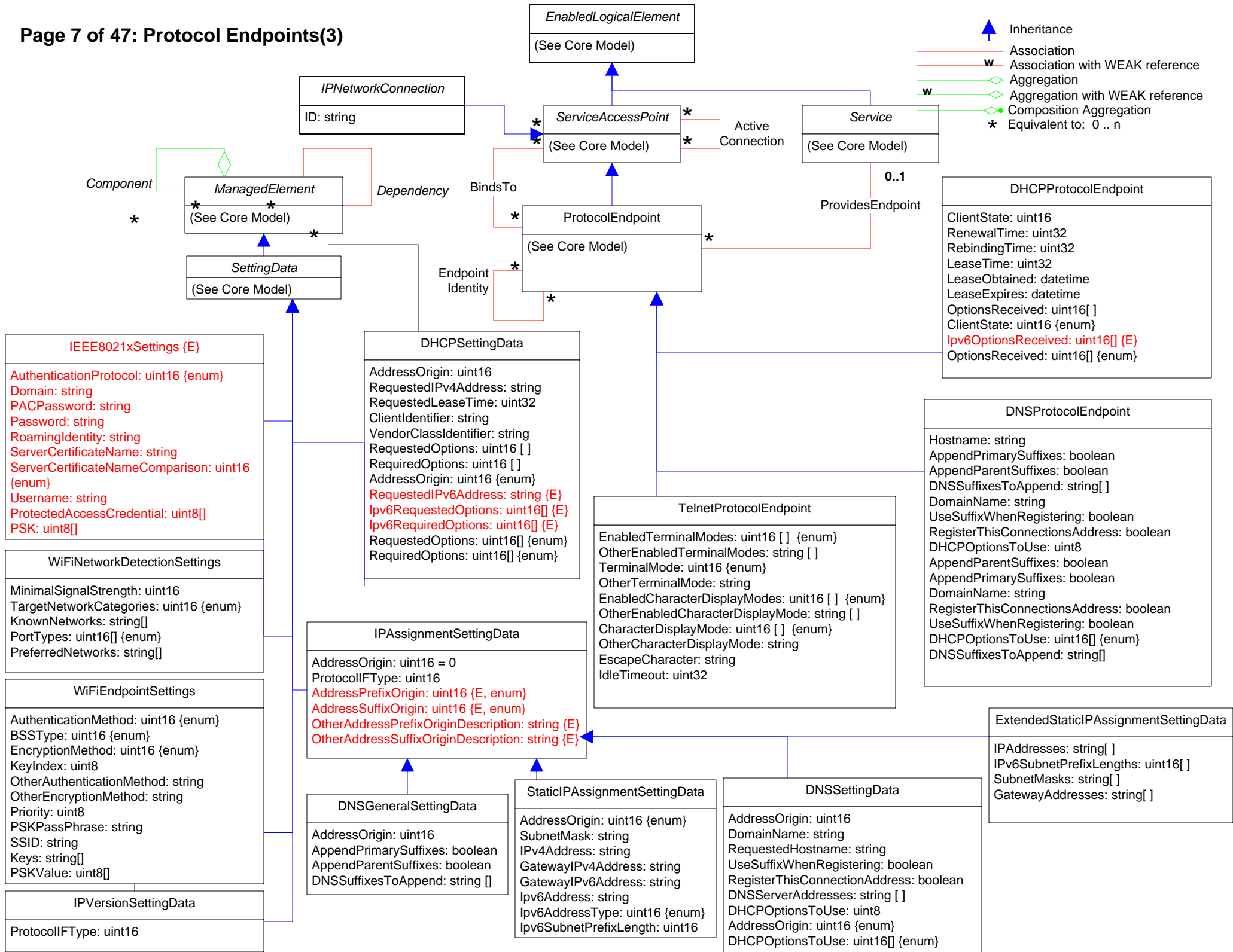


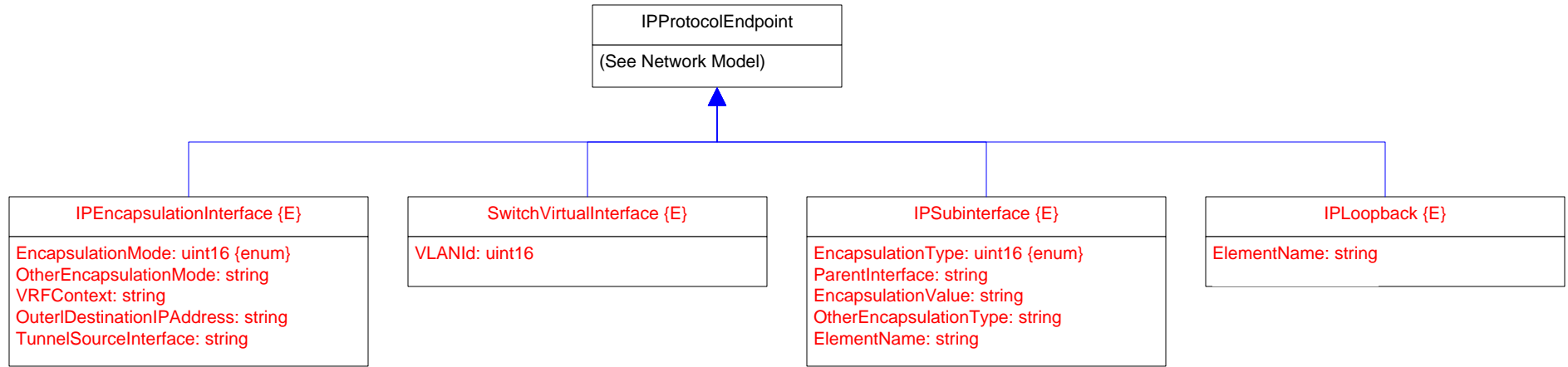
- Inheritance
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- Aggregation
- Aggregation with WEAK reference
- Composition Aggregation
- Equivalent to: 0..n



# Page 6 of 47: Protocol Endpoint(2)










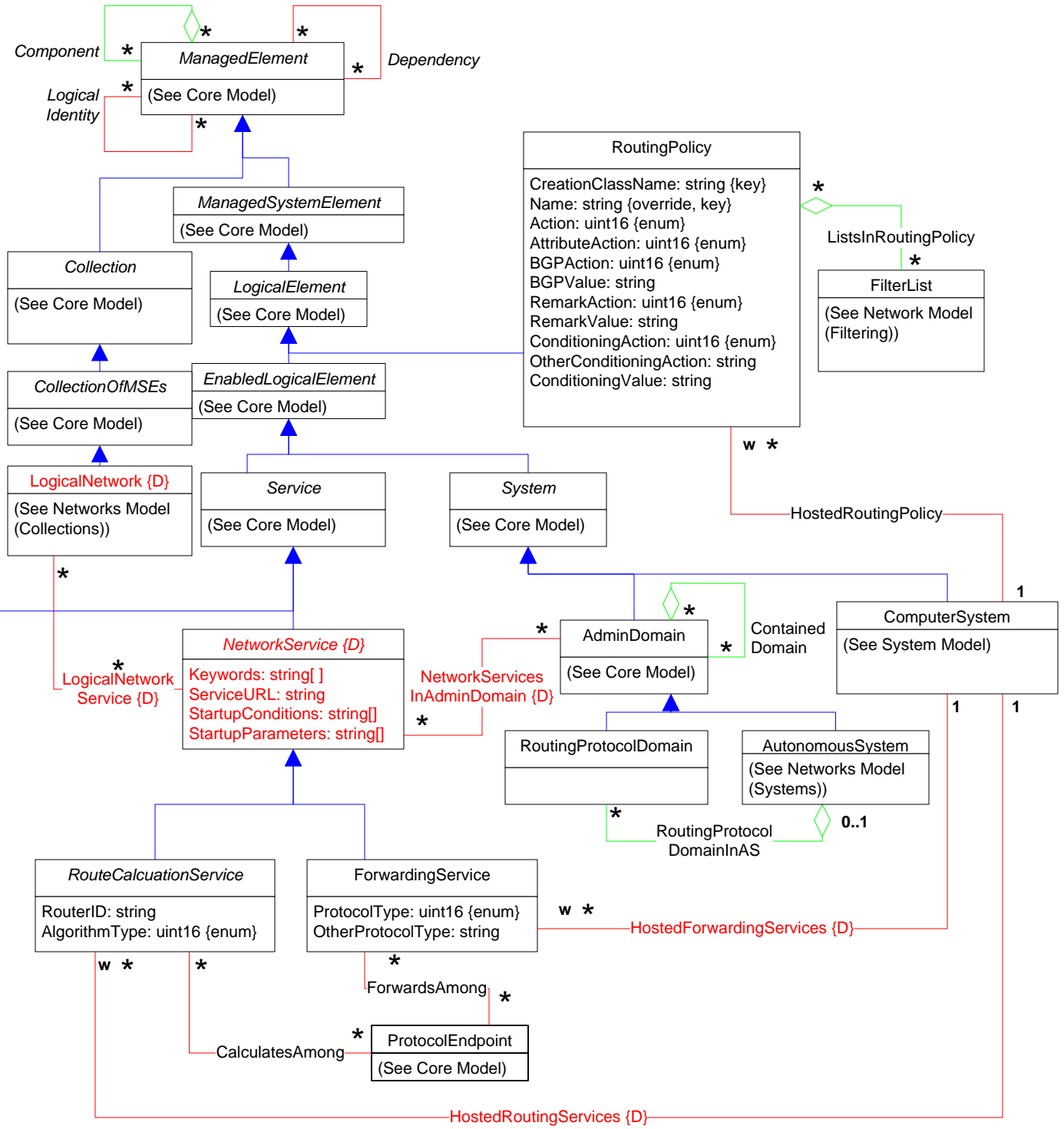






# Page 9 of 47: Routing & Forwarding

-  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}

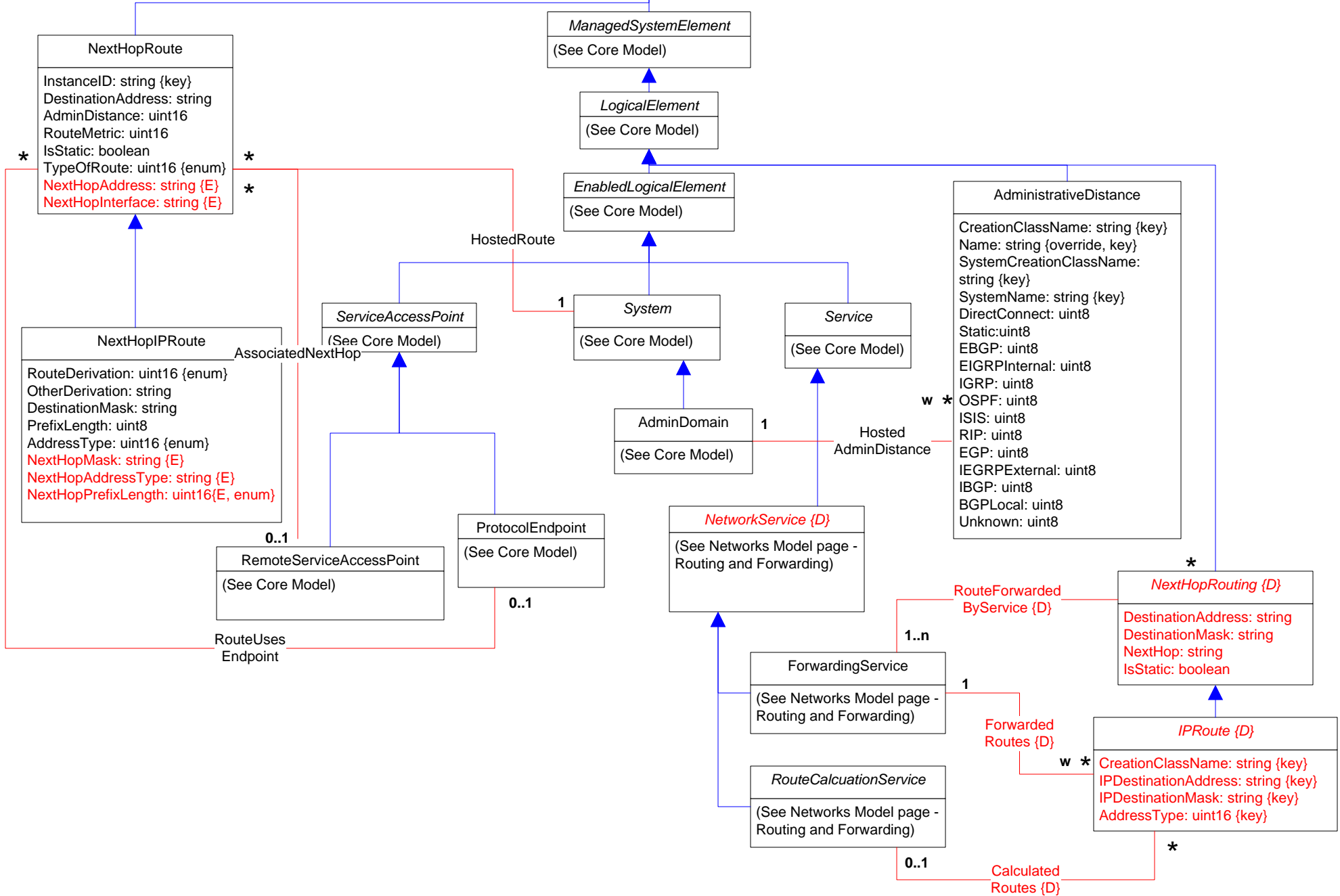
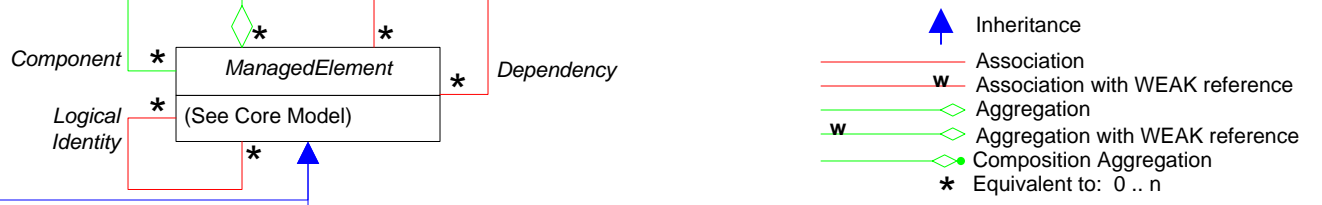
RemoveRoute( [IN] VirtualRoutingandForwardingTable: ref VRF, [IN] NextHopIPRoute: ref Route, [OUT] ConcreteJob: ref Job): unit32 {enum}


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

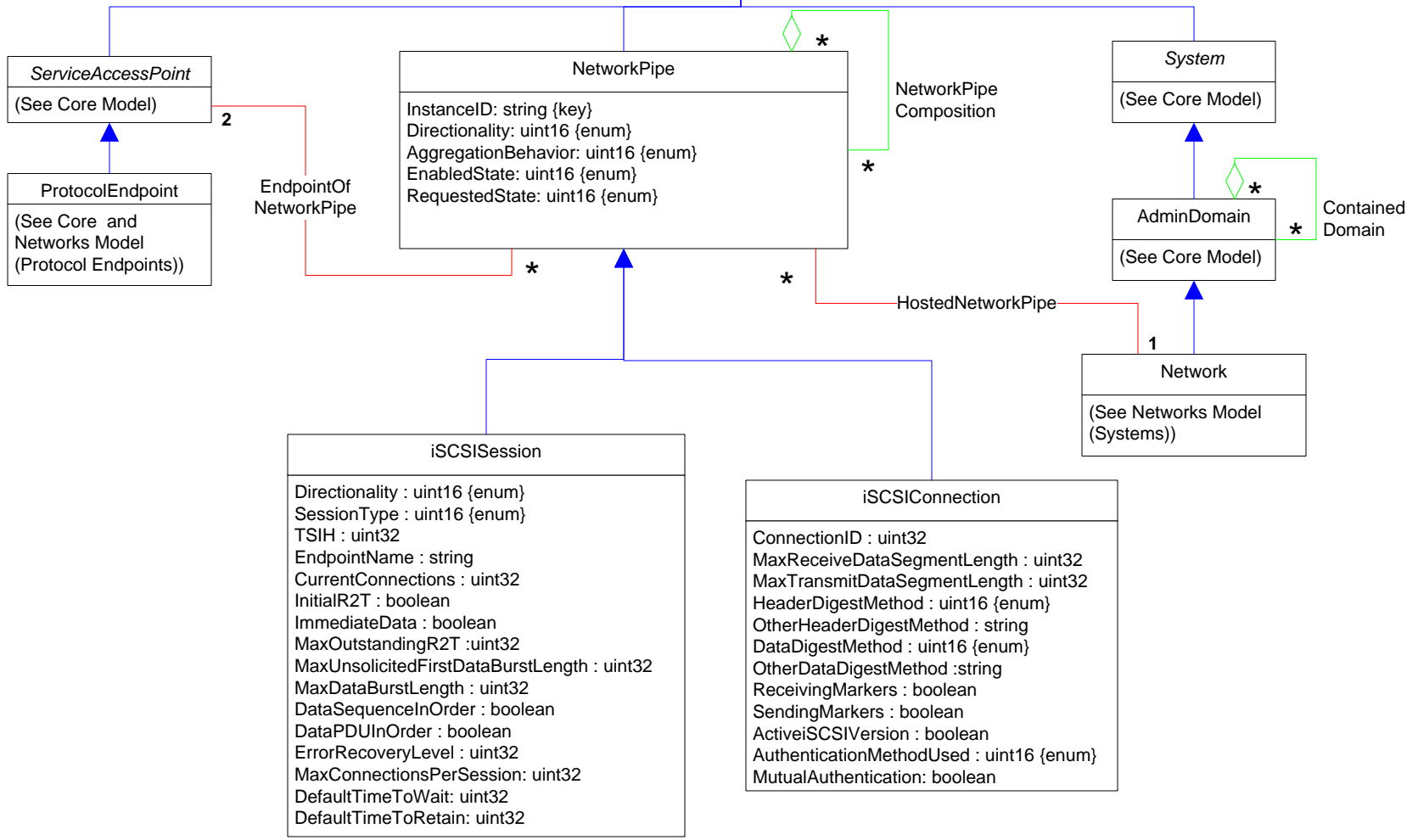
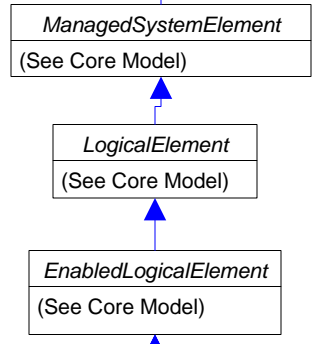
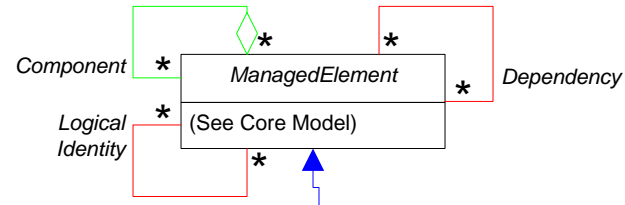
RemovePortMember( [IN] VirtualRoutingandForwardingTable: ref VRF, [IN] MSFT\_EthernetPort: ref Port, [OUT] ConcreteJob: ref Job): unit32 {enum}








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

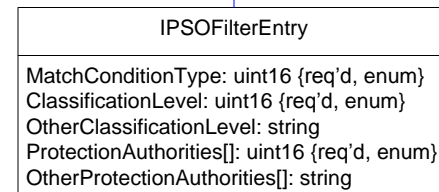
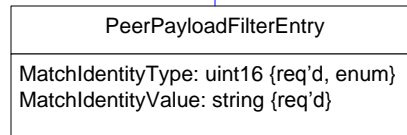
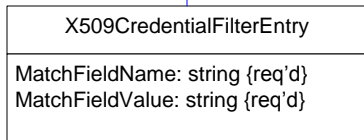
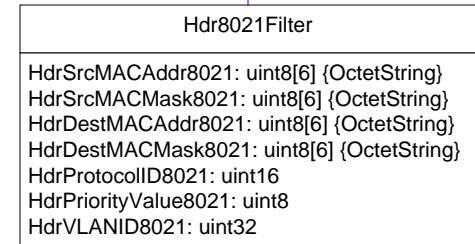
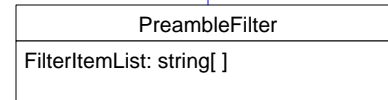
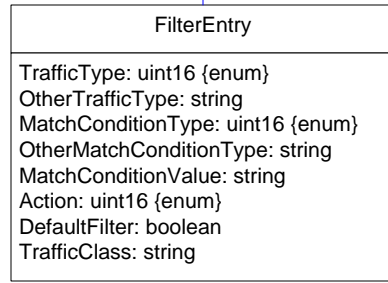
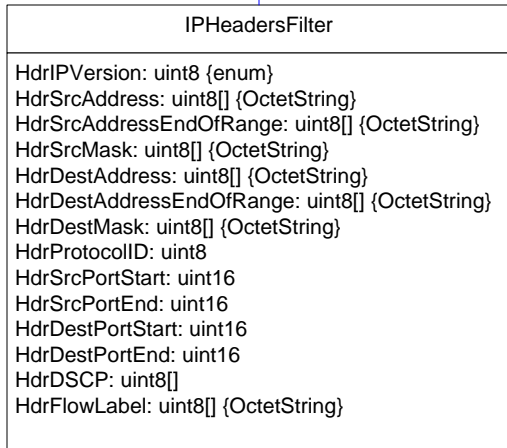
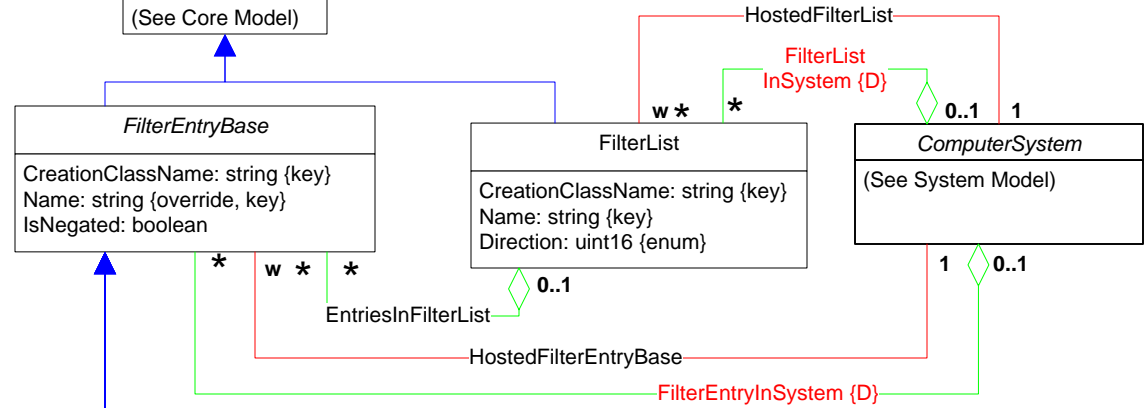
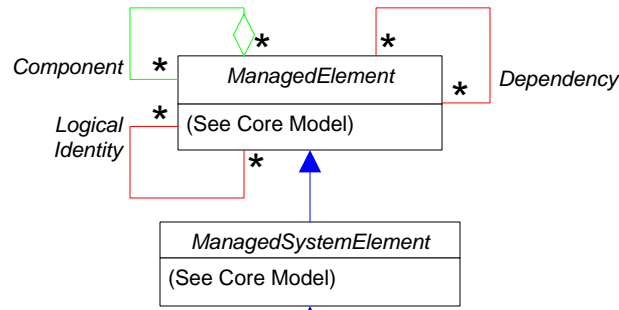
RemoveSAPMember( [IN] VirtualRoutingandForwardingTable: ref VRF, [IN] ServiceAccessPoint: ref SAPMember, [OUT] ConcreteJob: ref Job): unit32 {enum}










-  Inheritance
-  Association
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-  Aggregation with WEAK reference
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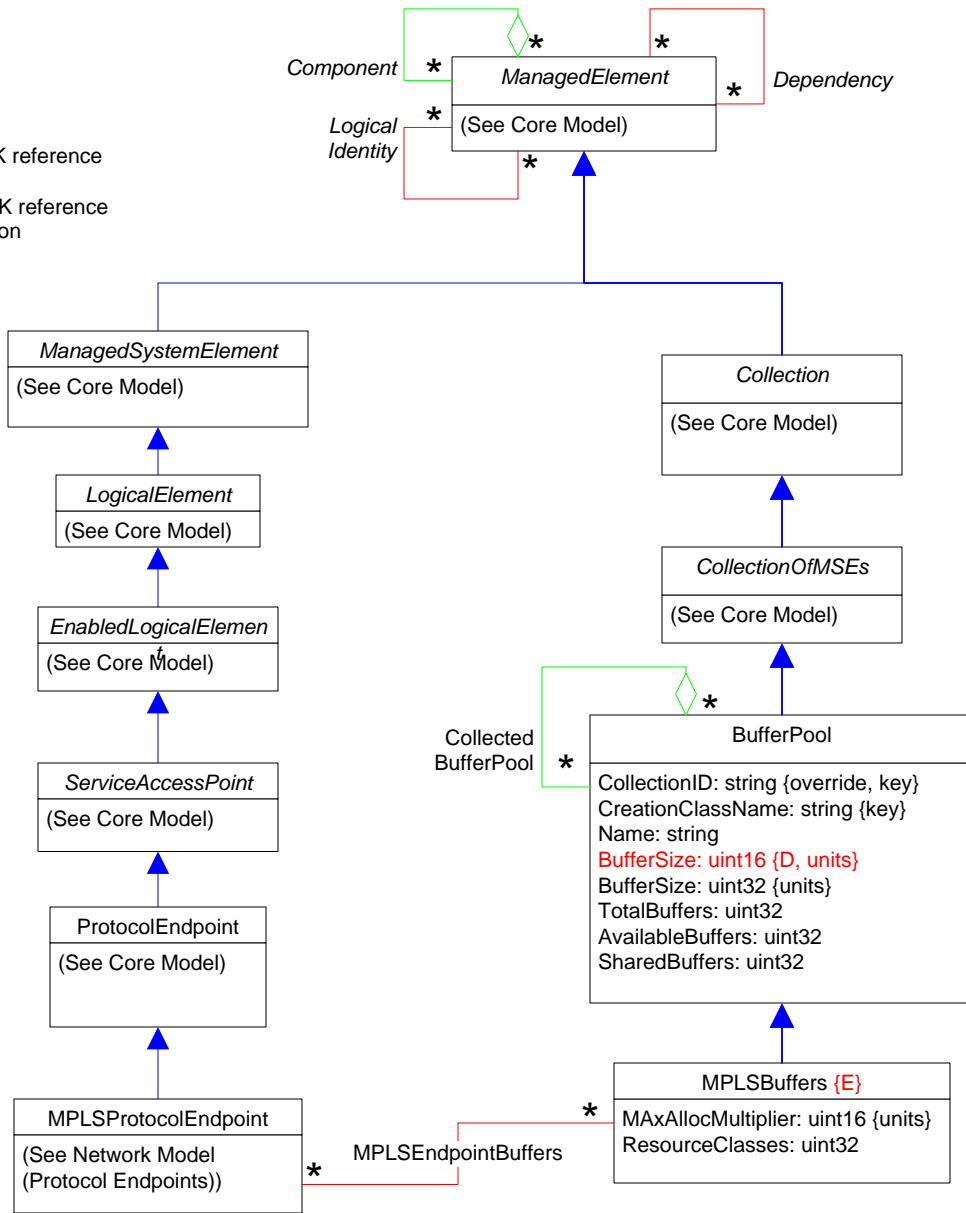


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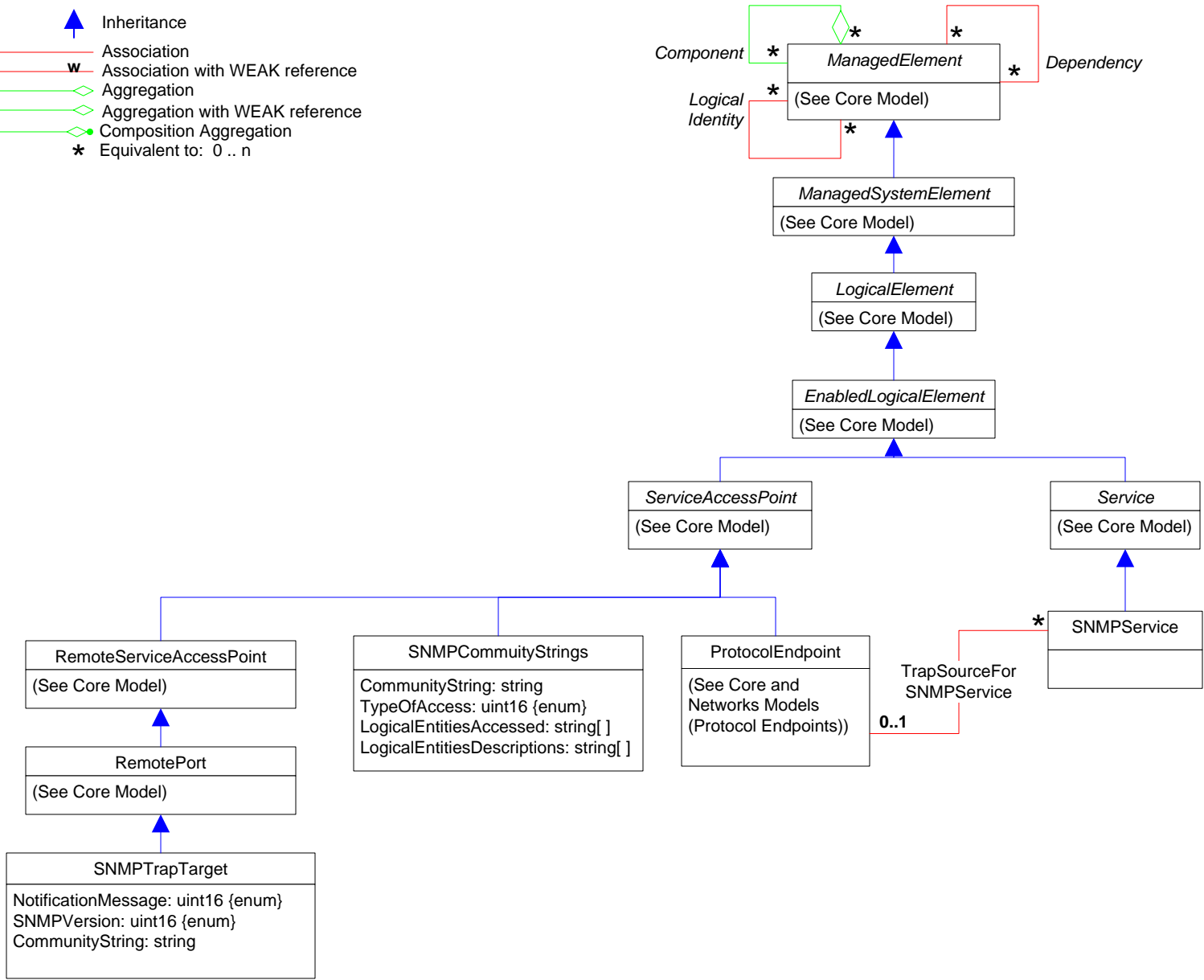
# Page 13 of 47: Buffers

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

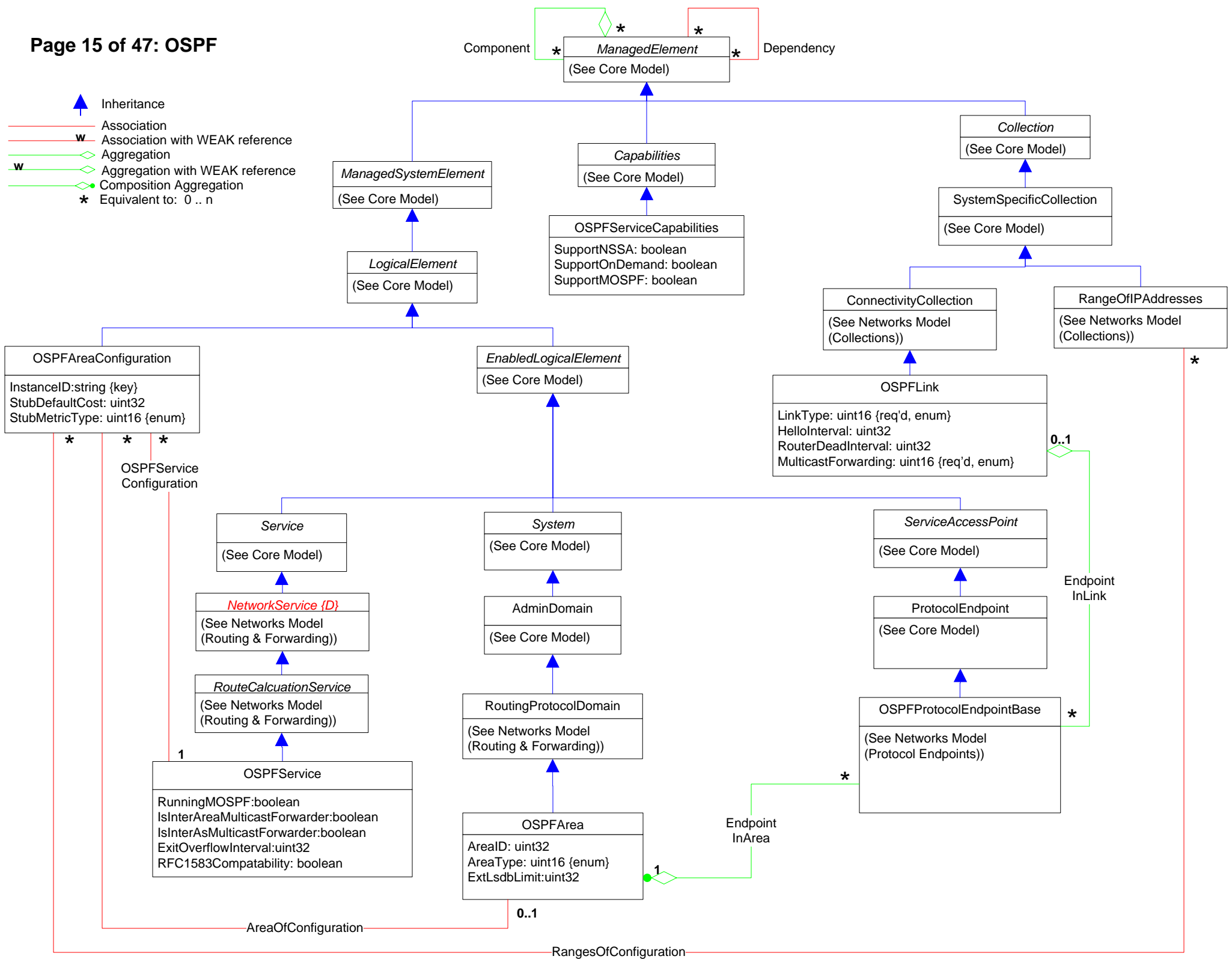









# Page 14 of 47: SNMP

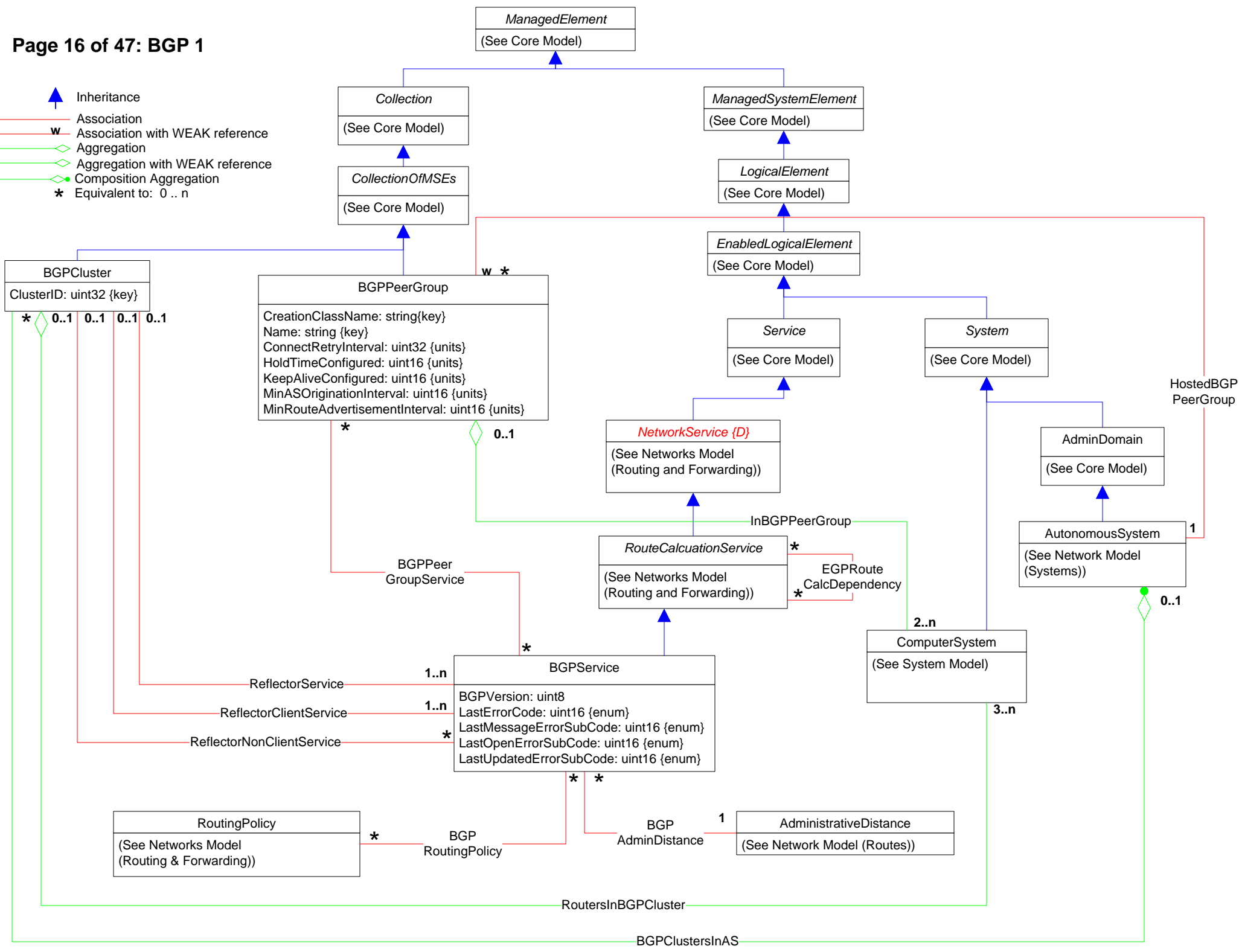
-  Inheritance
-  Association
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-  Aggregation with WEAK reference
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-  Equivalent to: 0..n



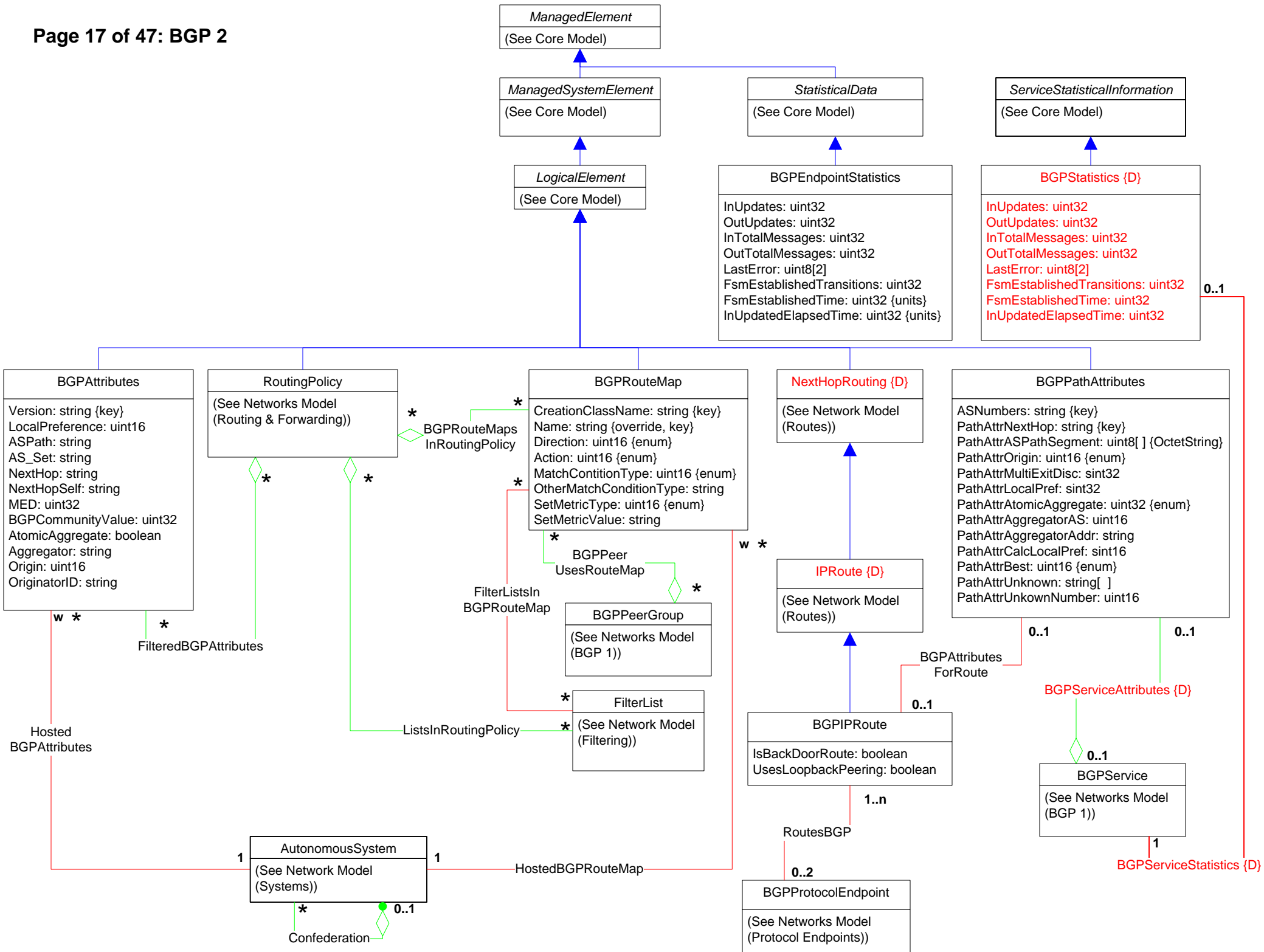
- ▲ Inheritance
- Association
- w Association with WEAK reference
- ◇ Aggregation
- w Aggregation with WEAK reference
- ◇ Composition Aggregation
- \* Equivalent to: 0 .. n

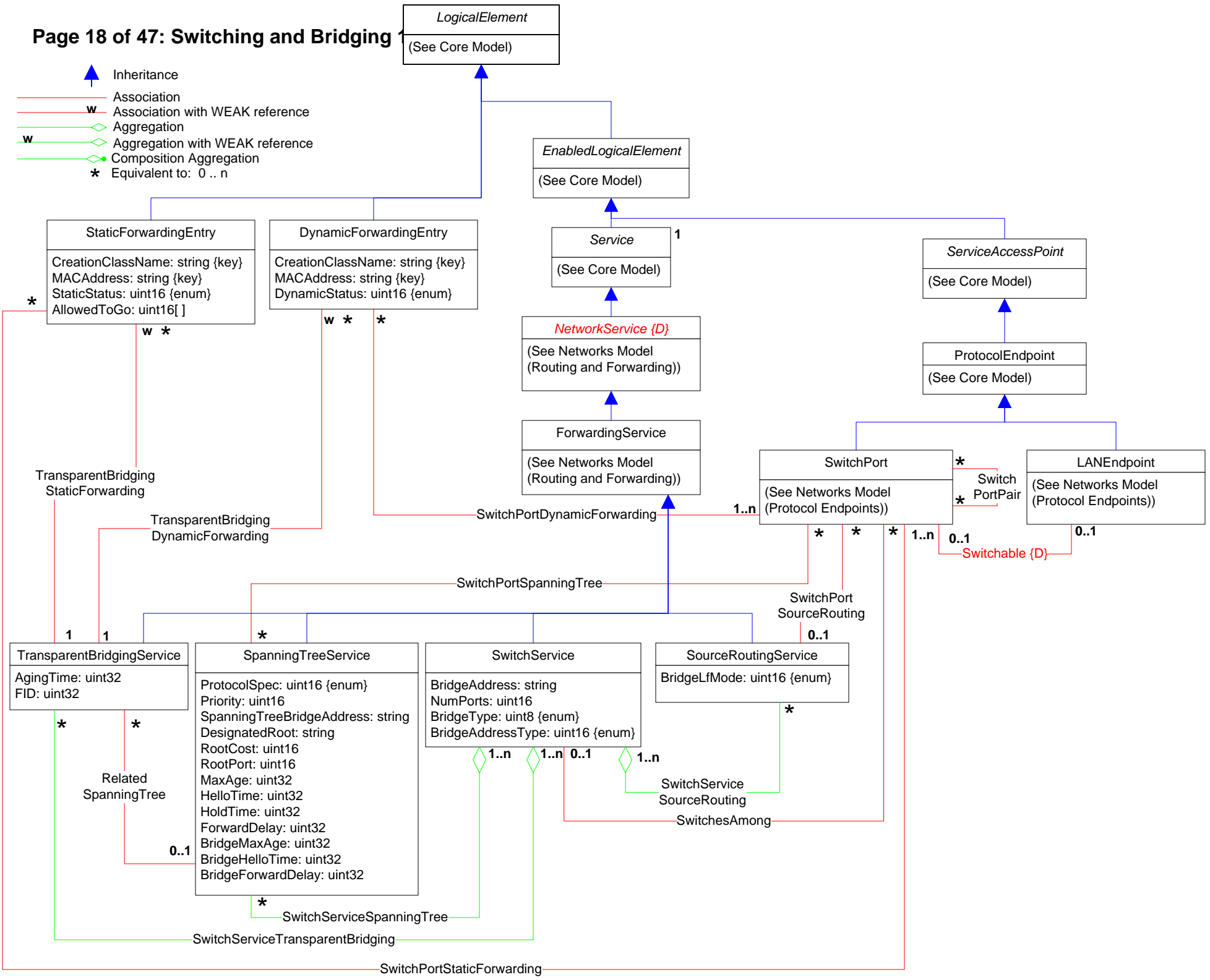


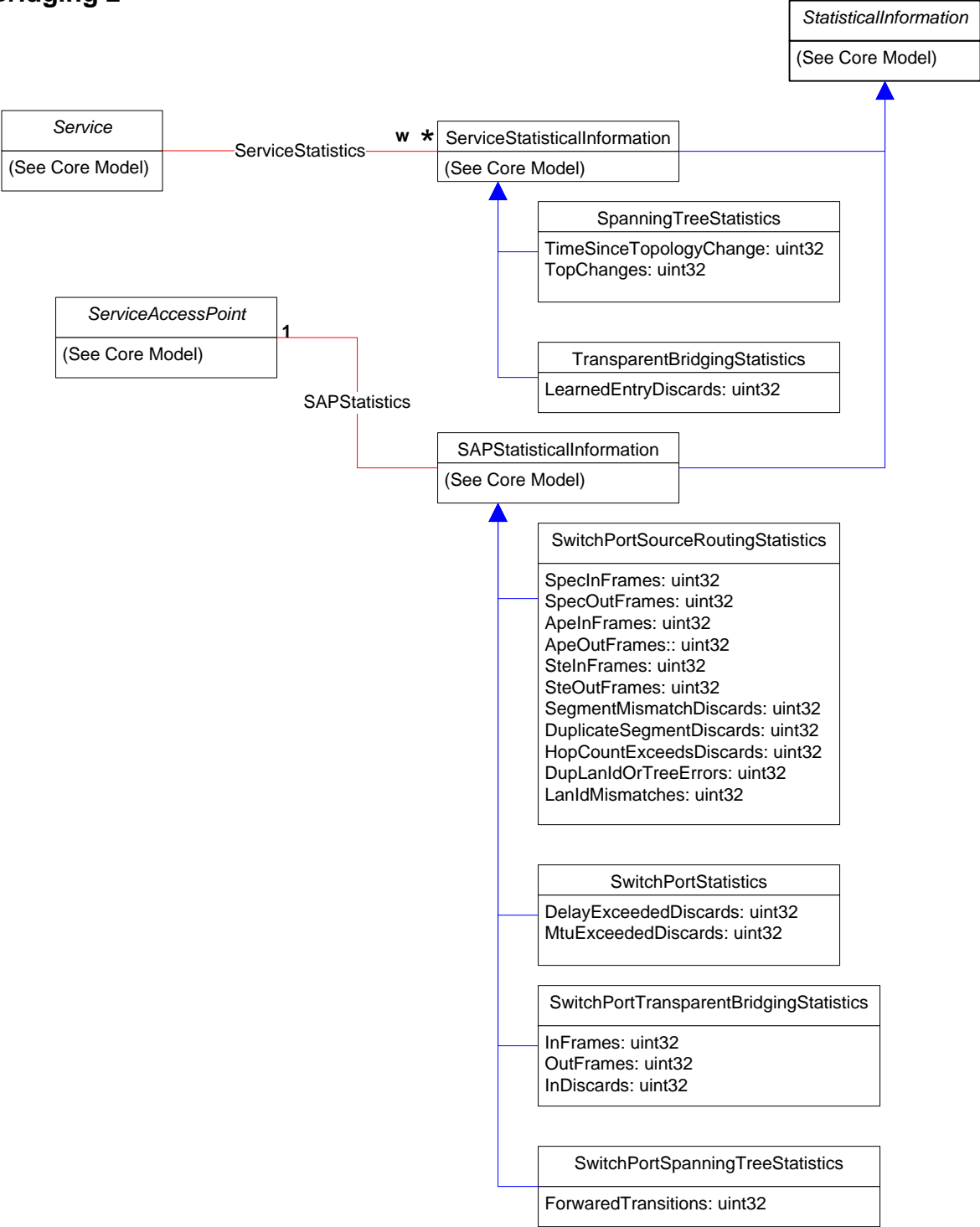
-  Inheritance
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-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0..n










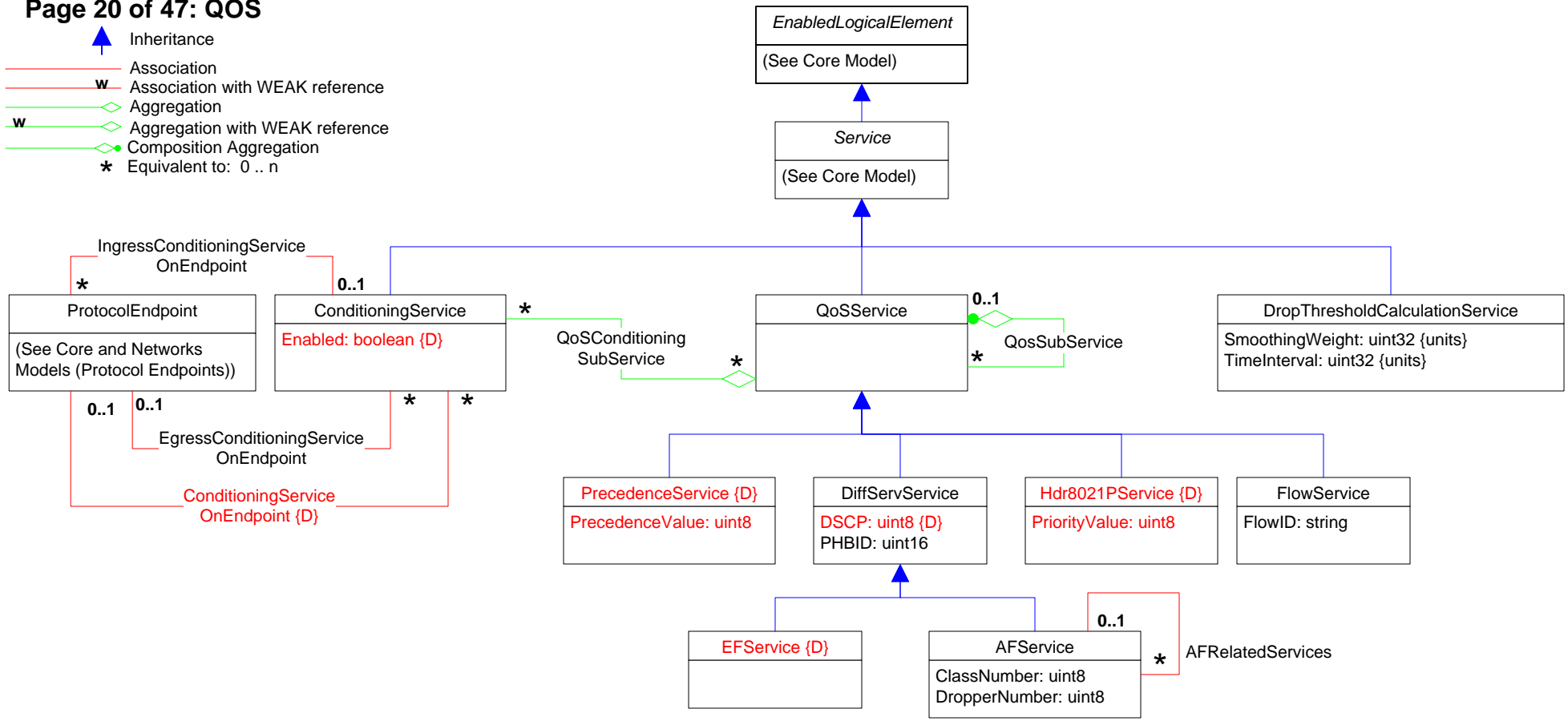


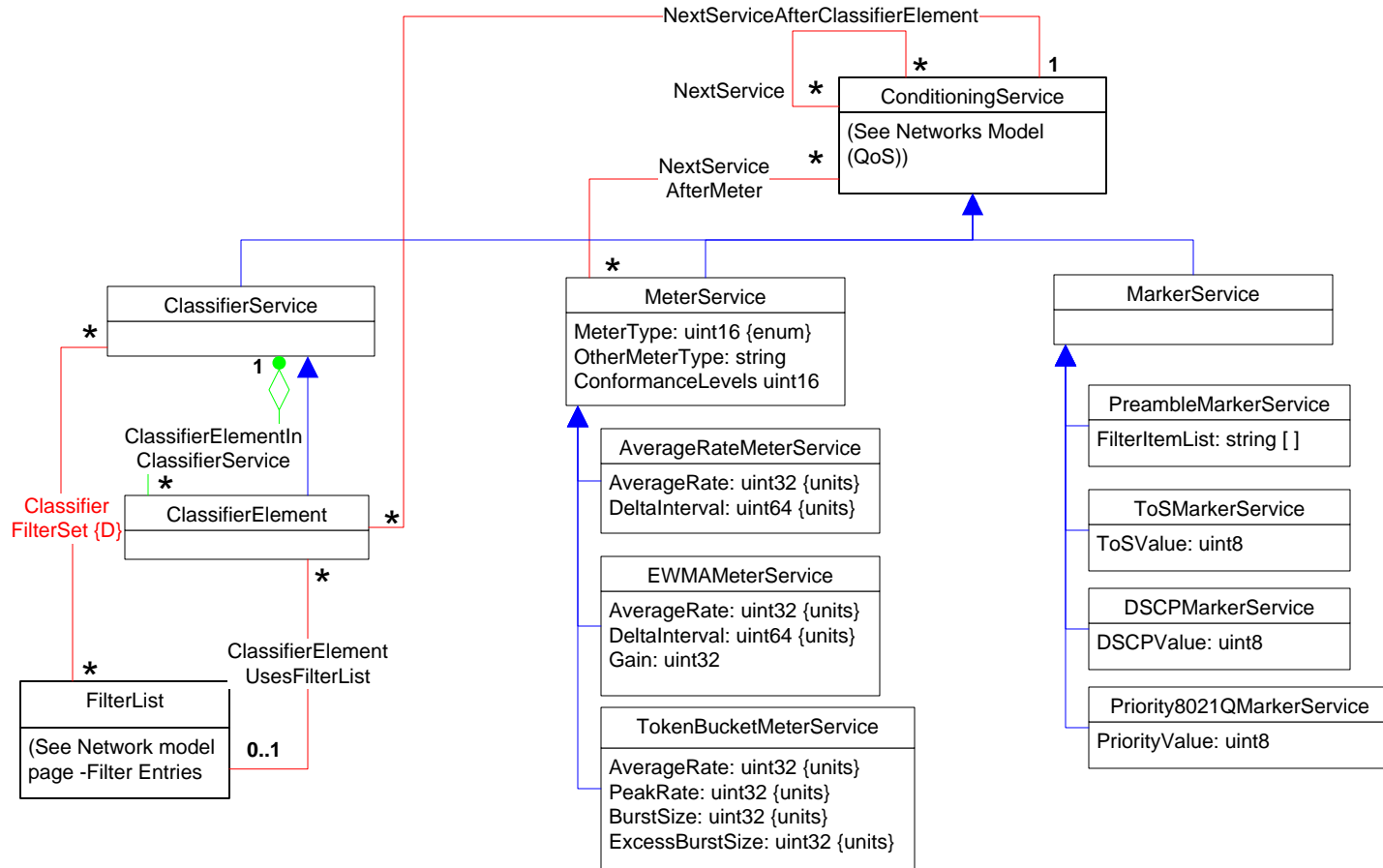
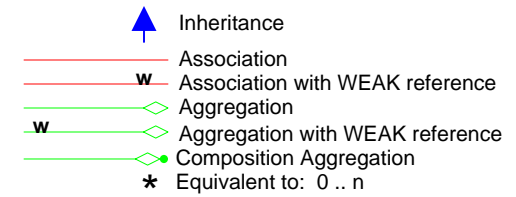


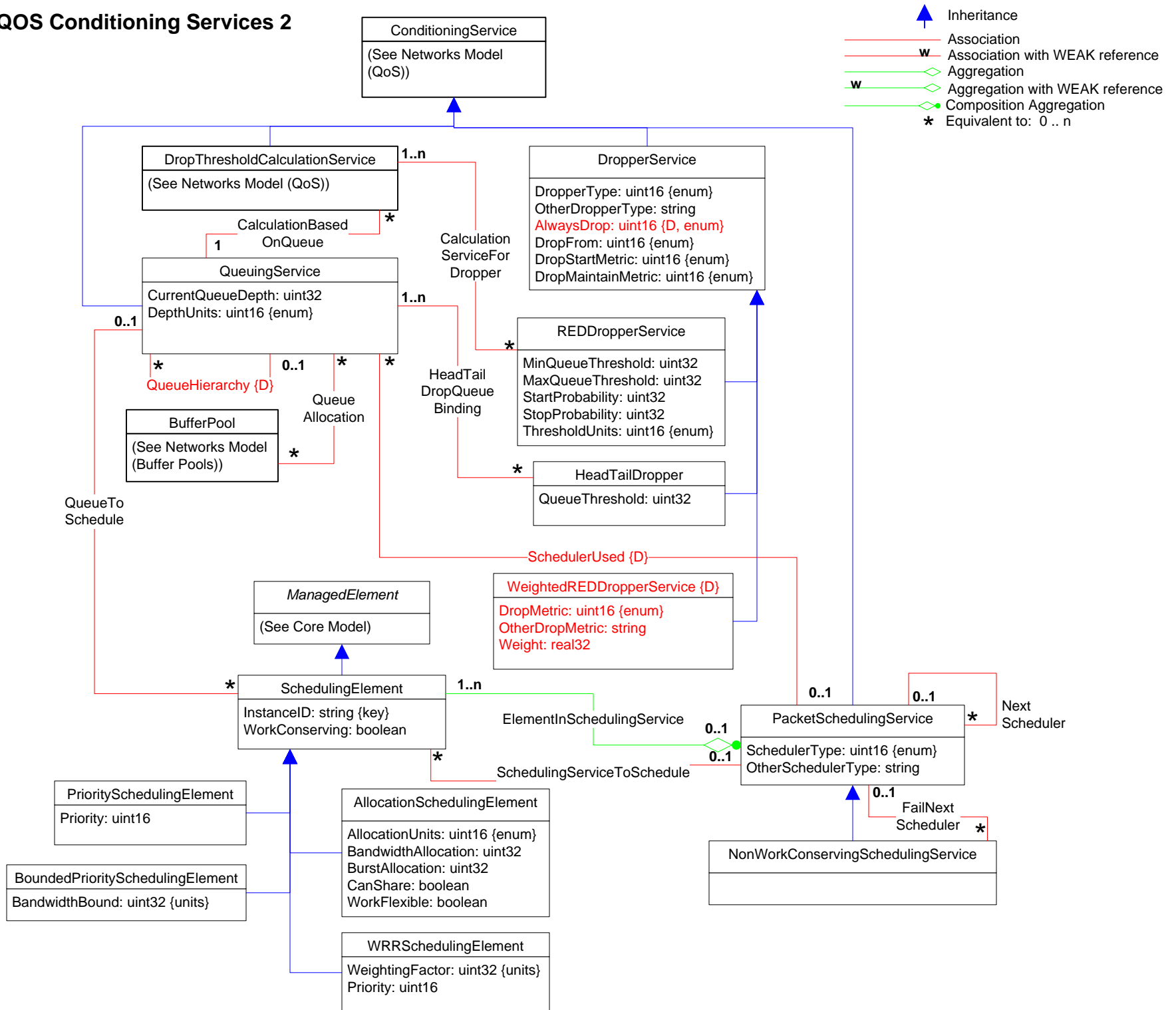


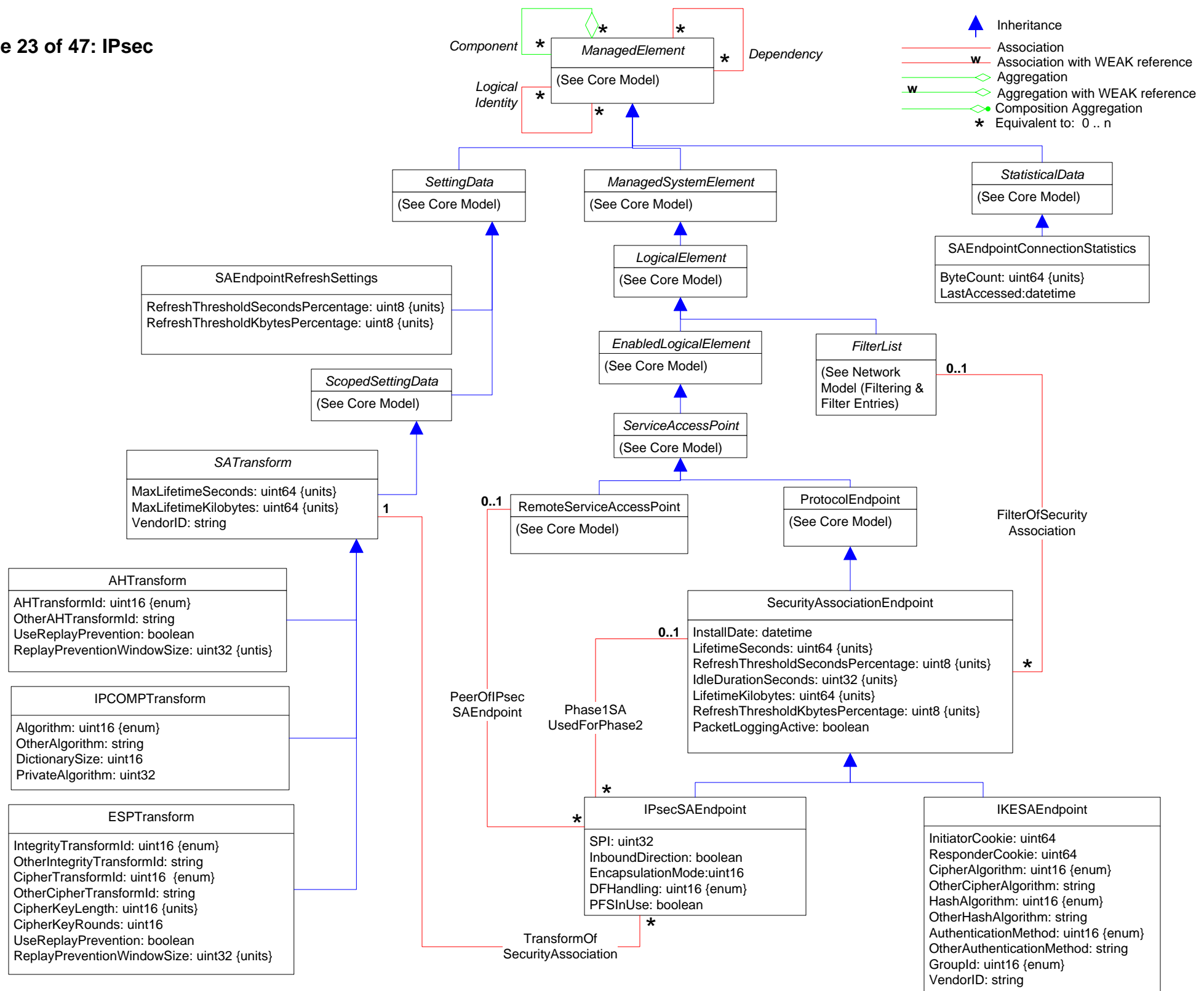


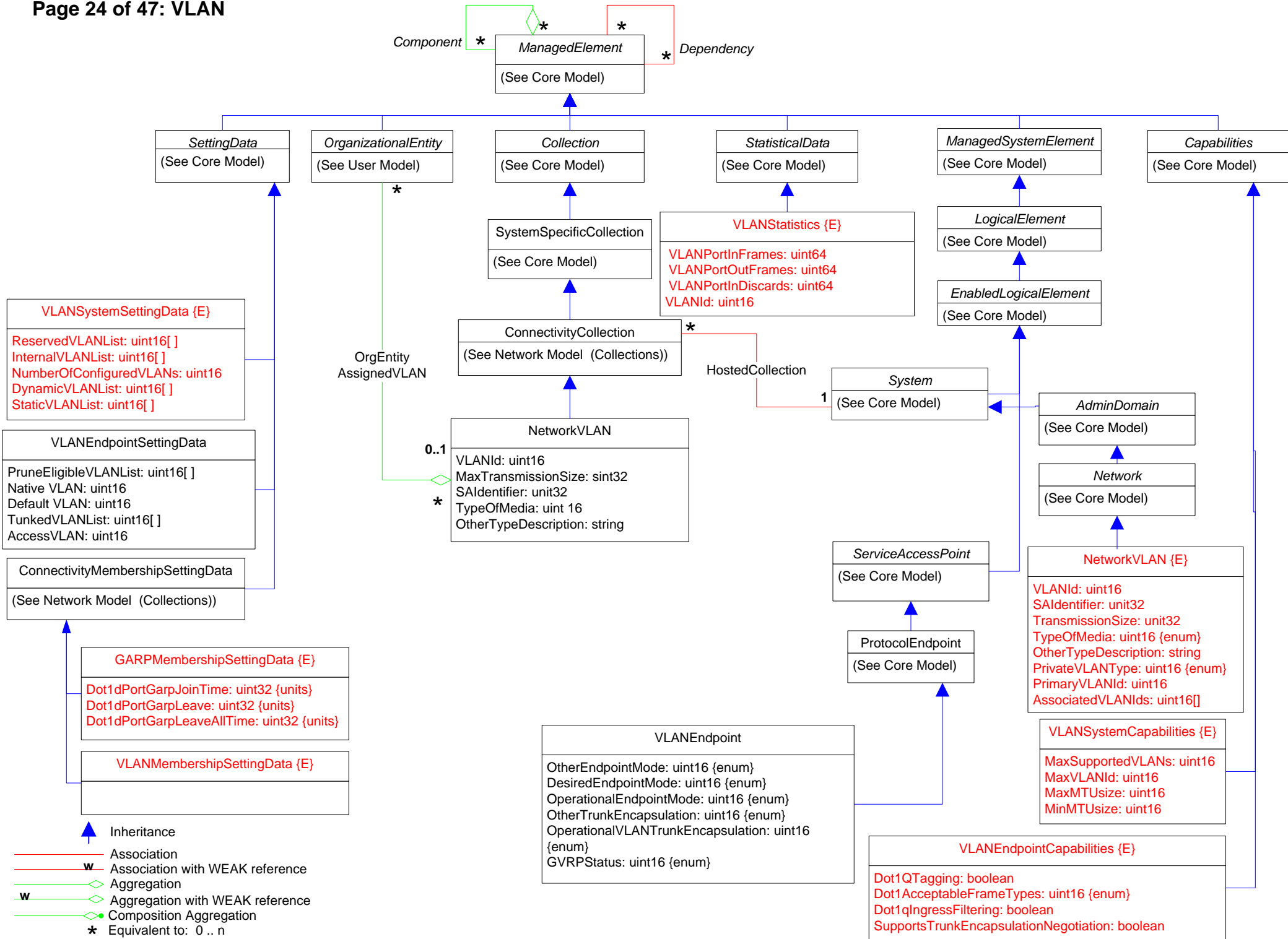
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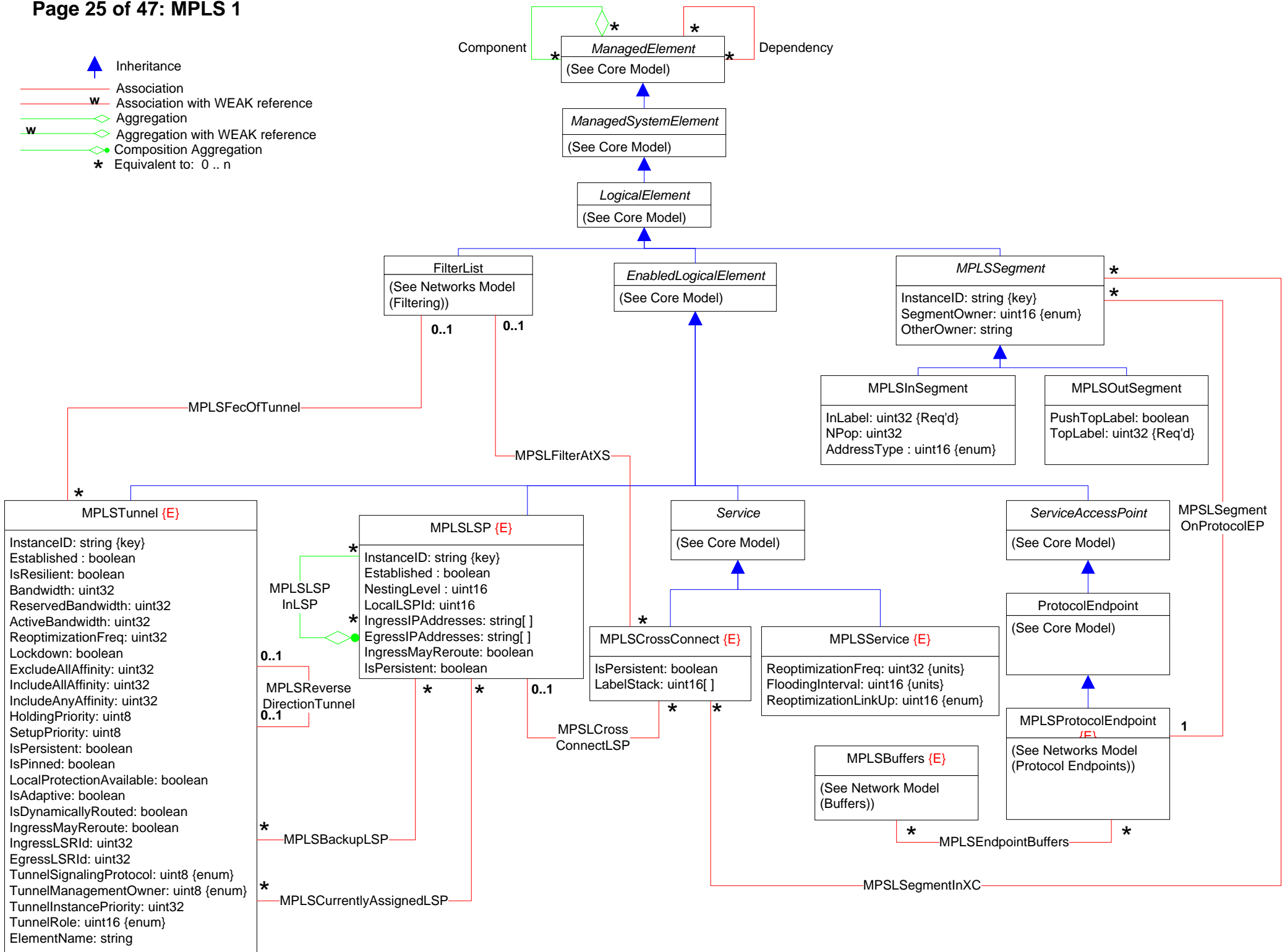
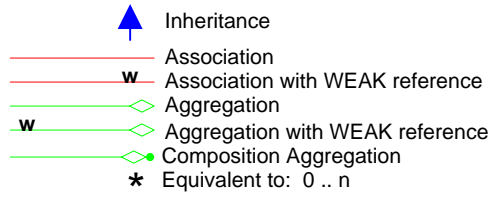


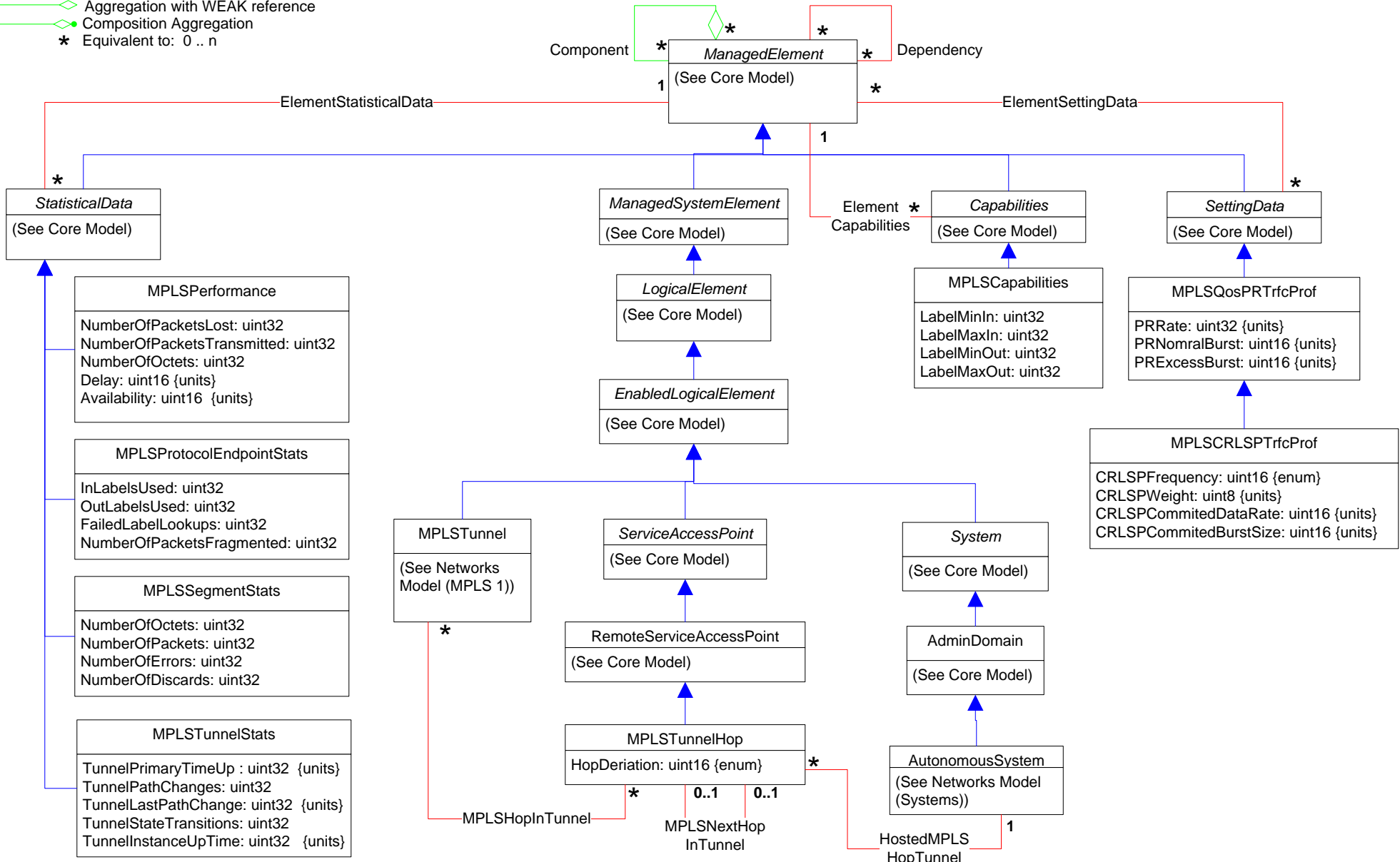
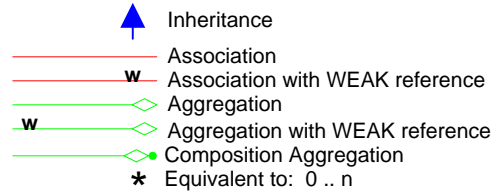


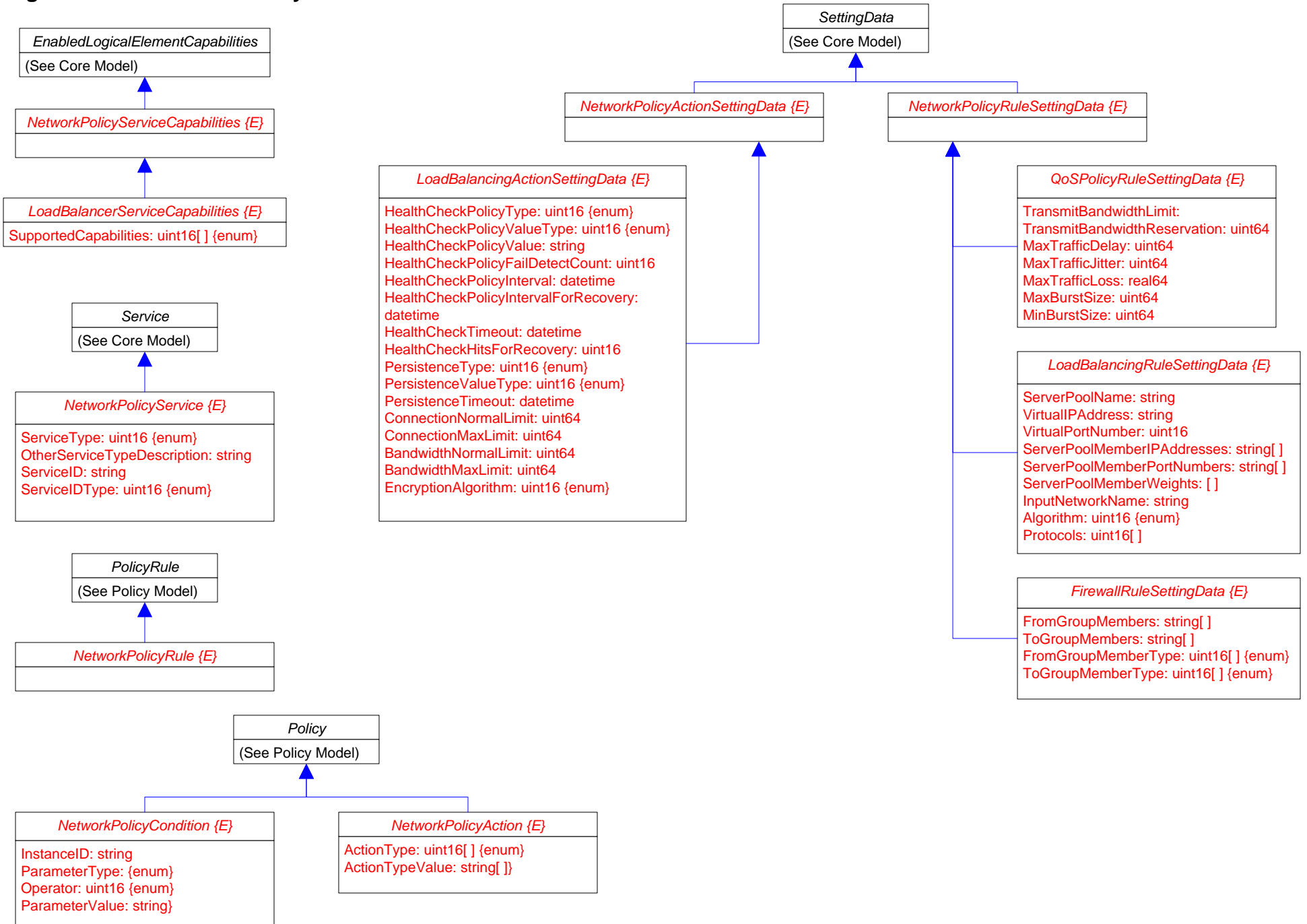











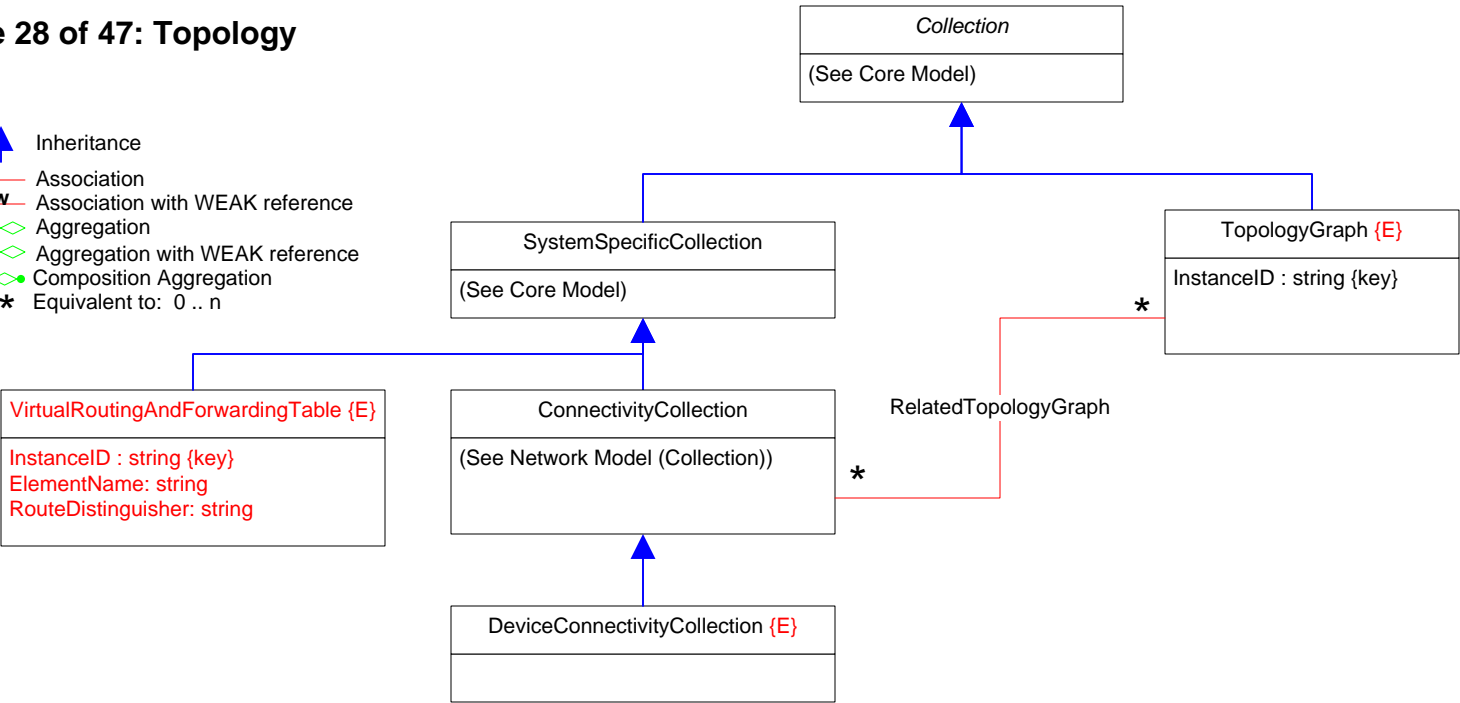


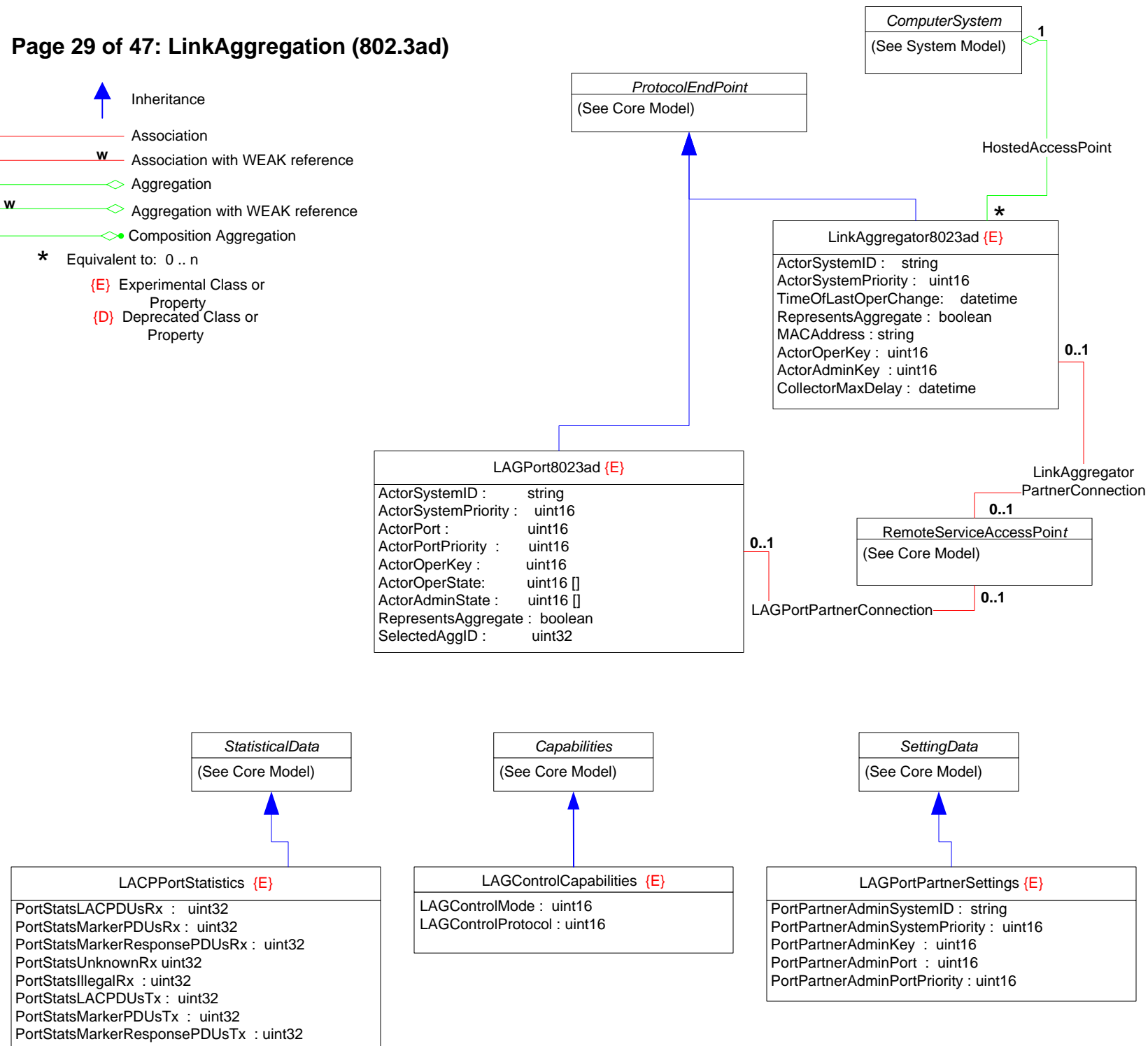
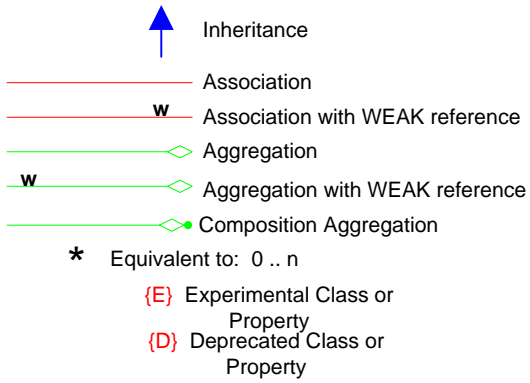




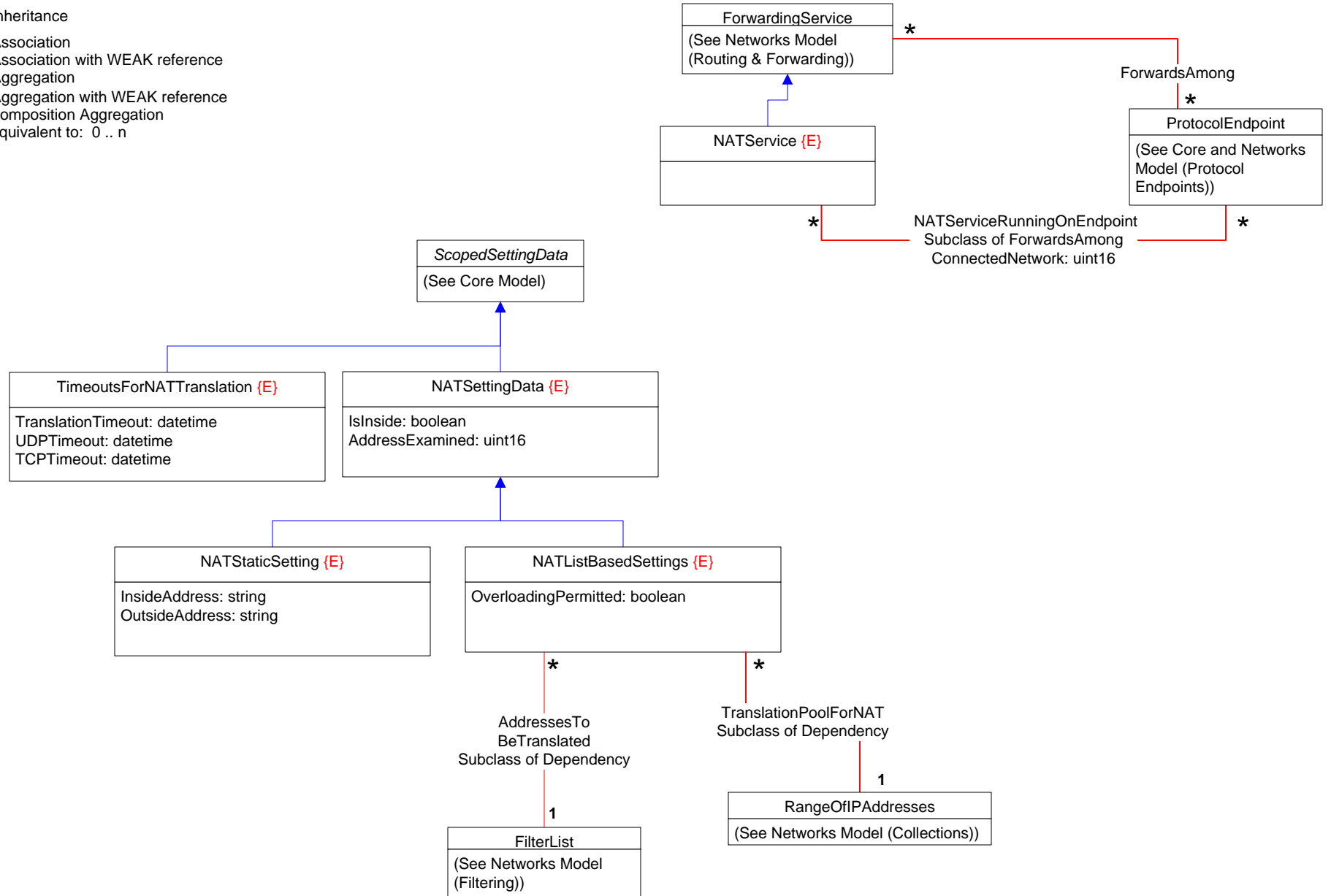
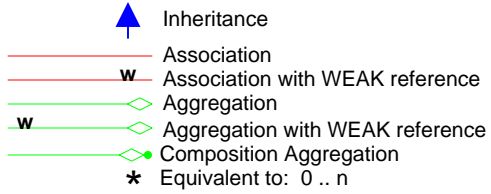









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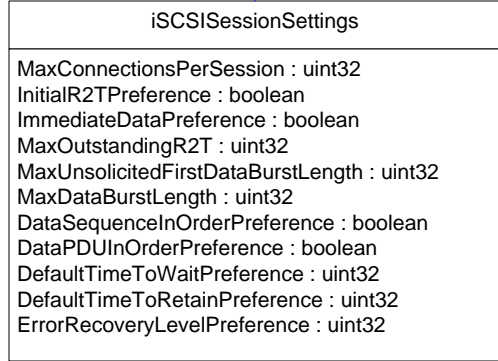
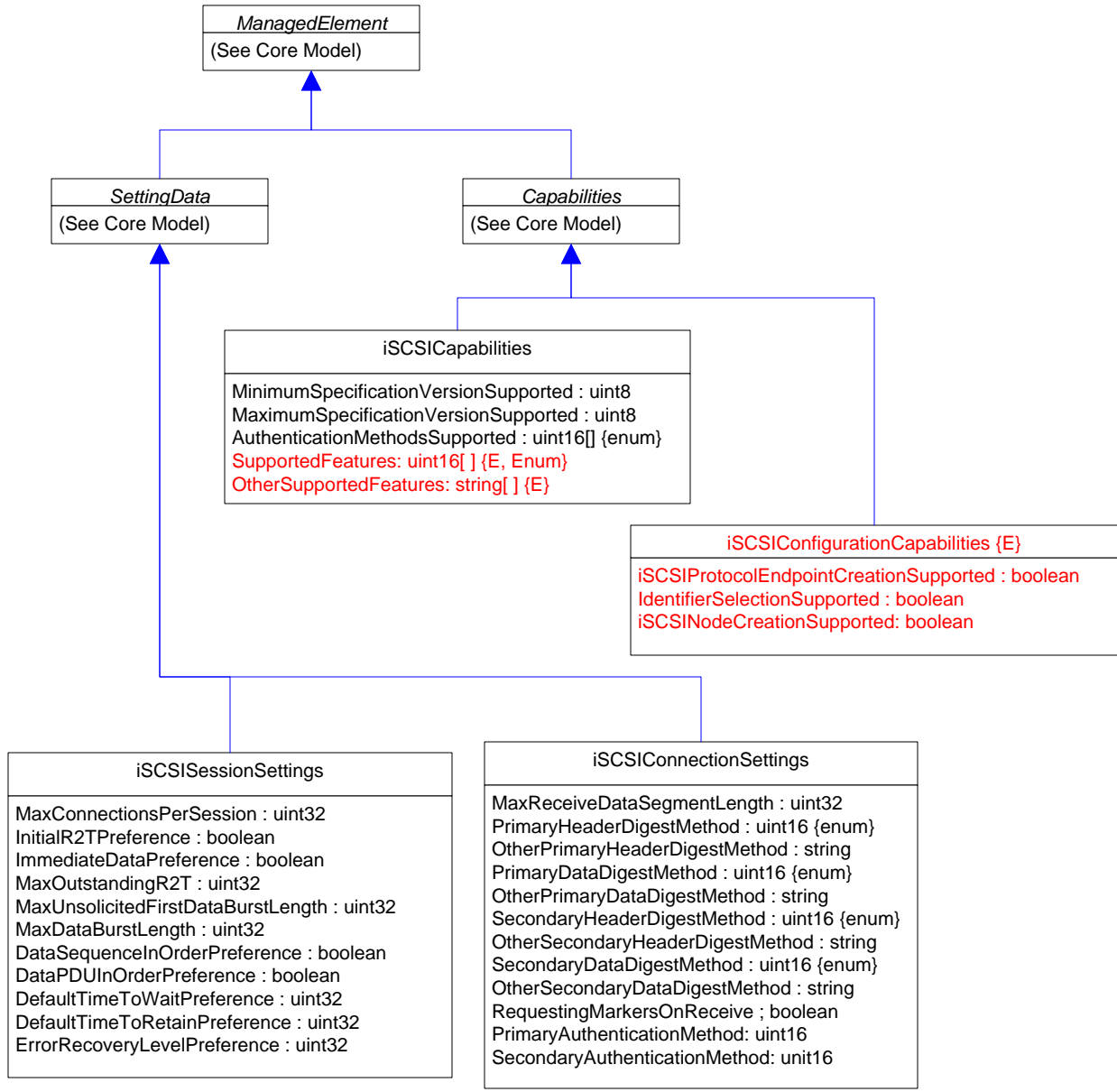
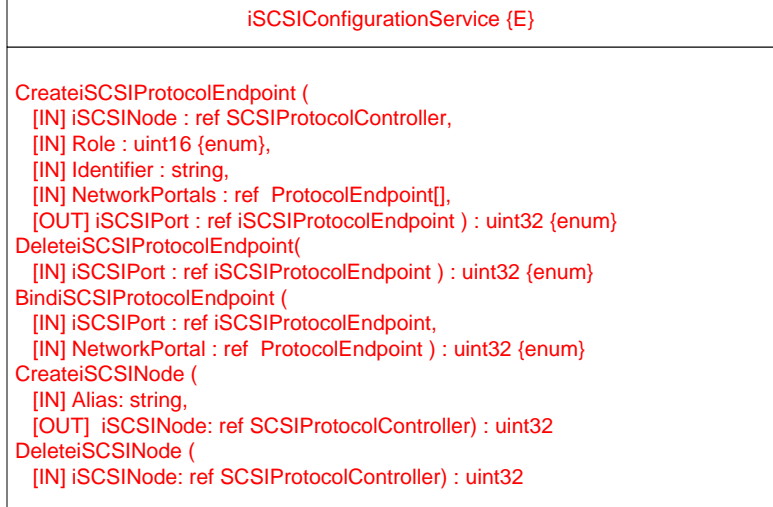
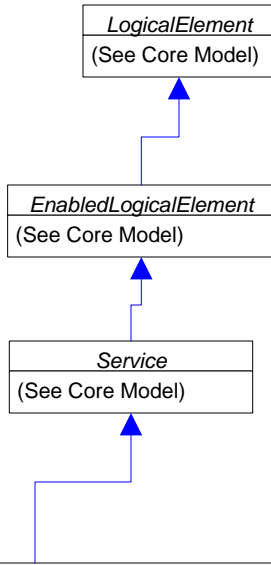











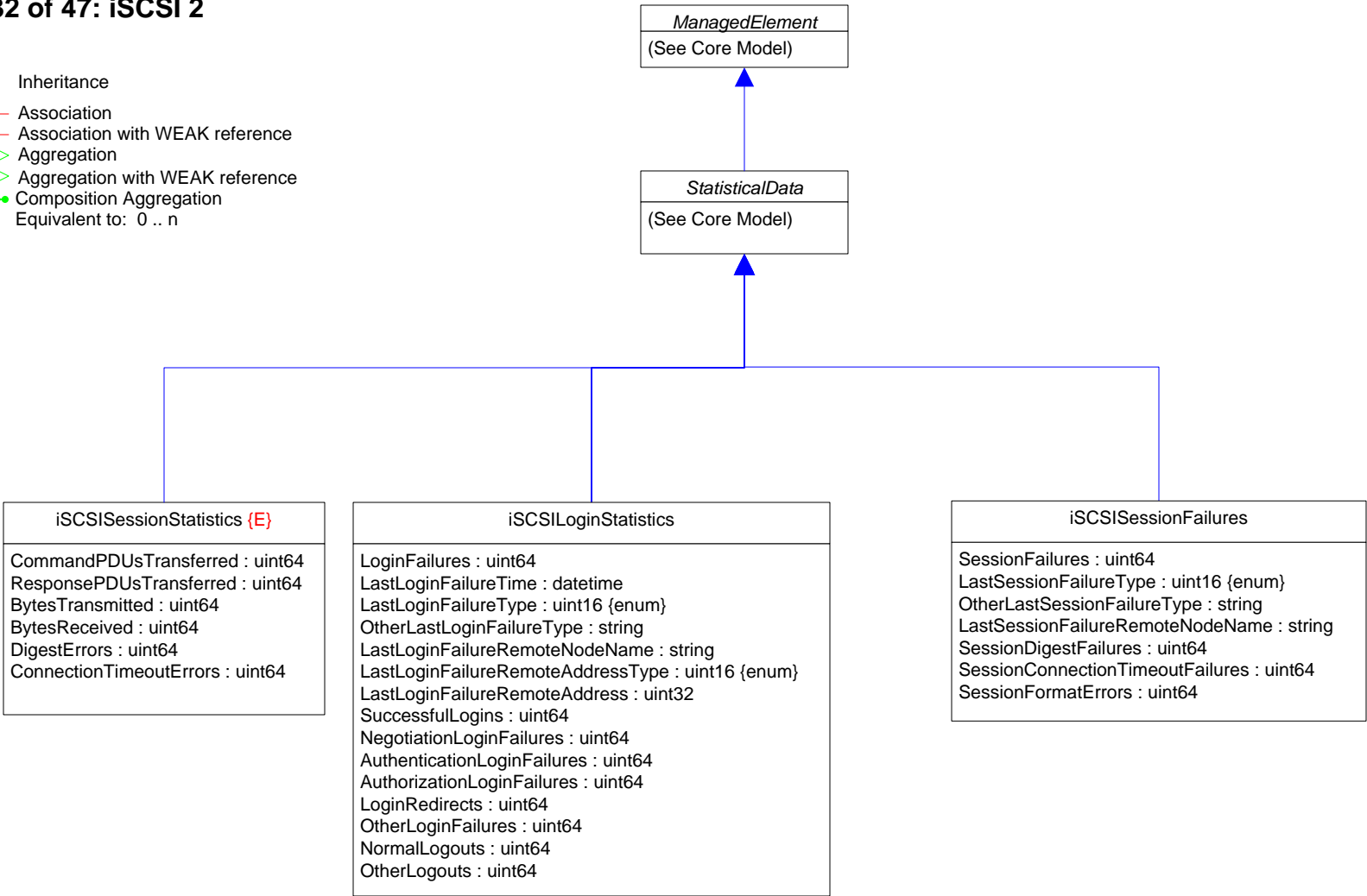
## Page 25 : Network Address Translation (NAT)










-  Inheritance
-  Association
-  Association with WEAK reference
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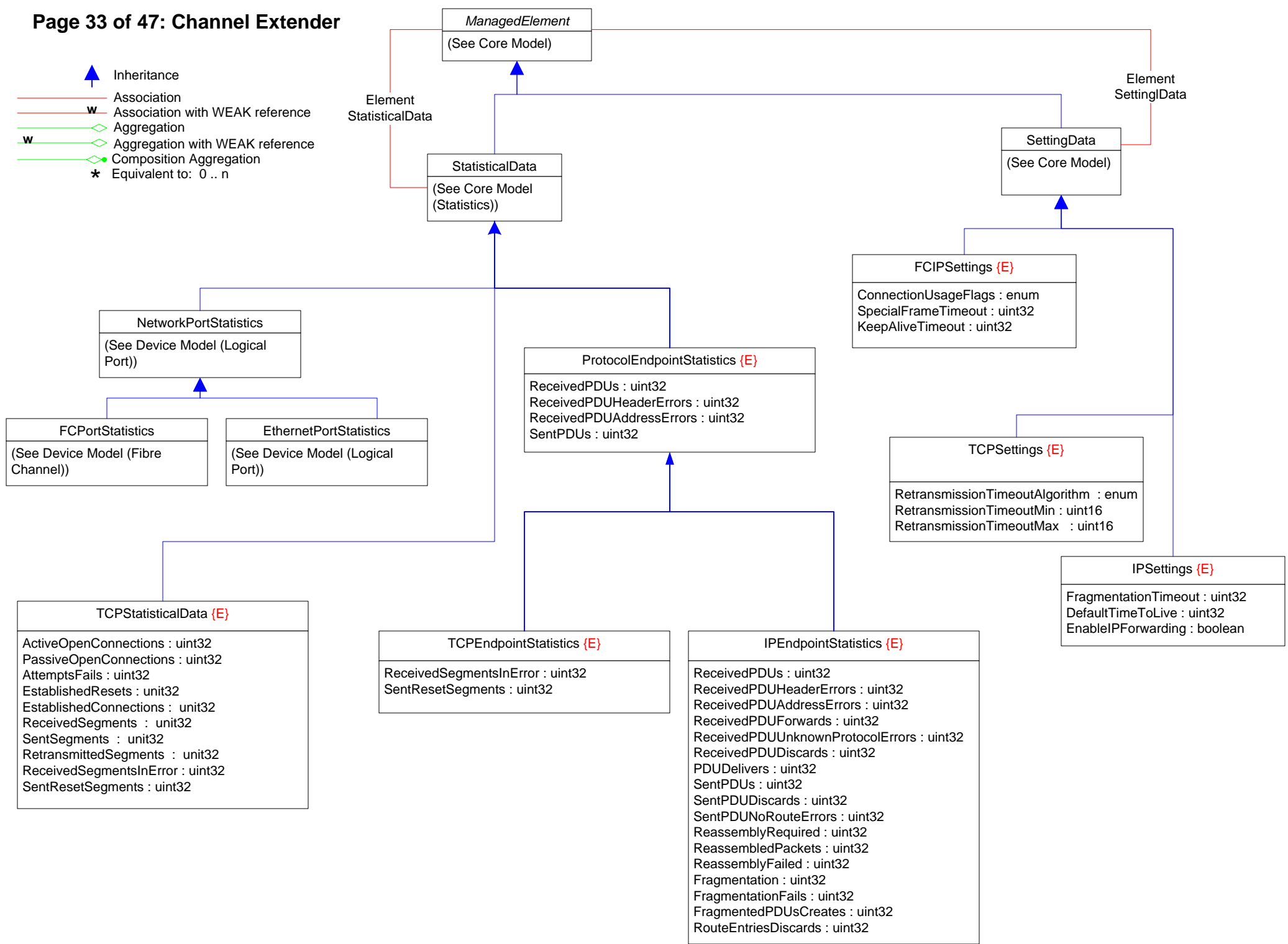


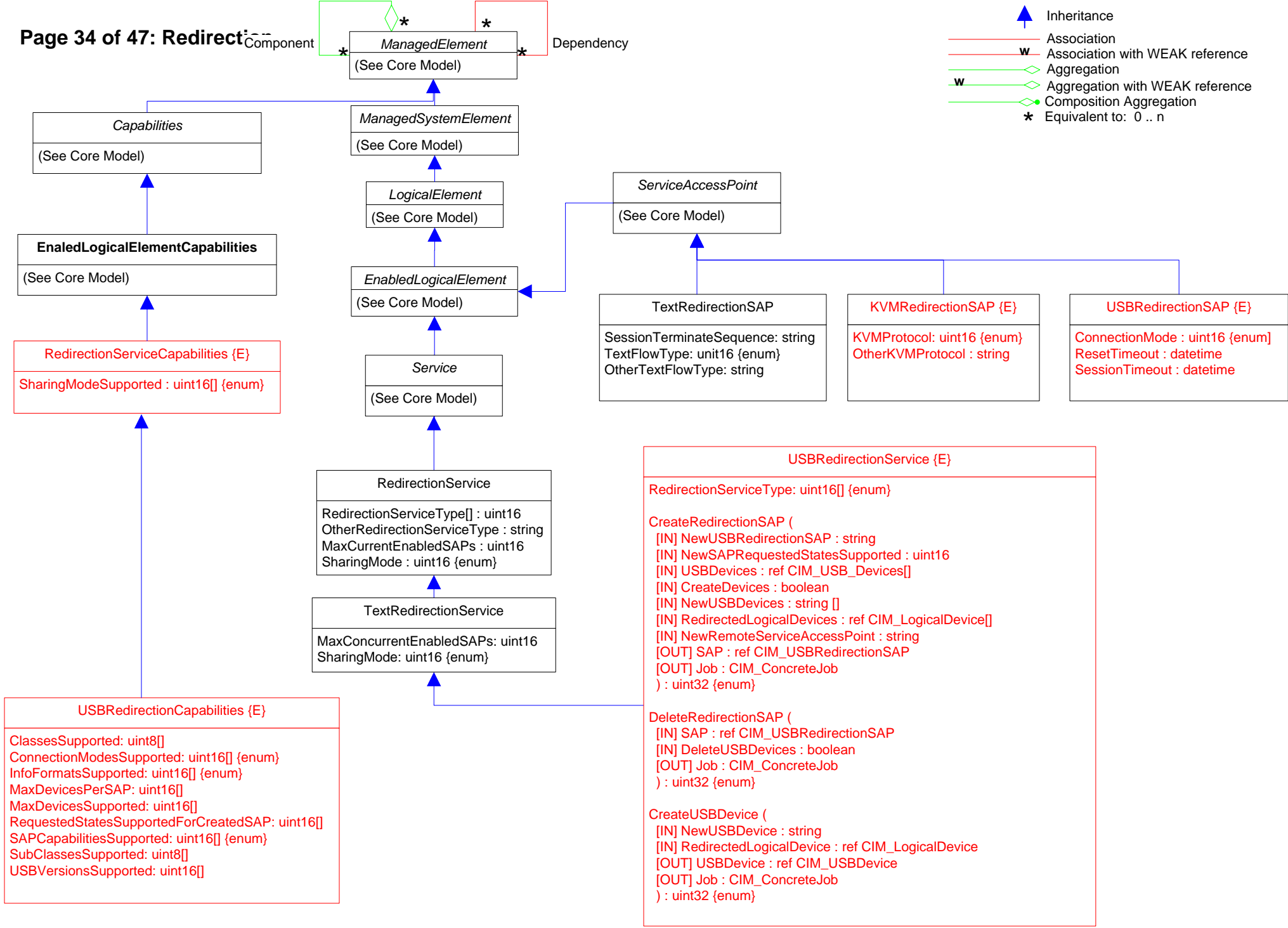
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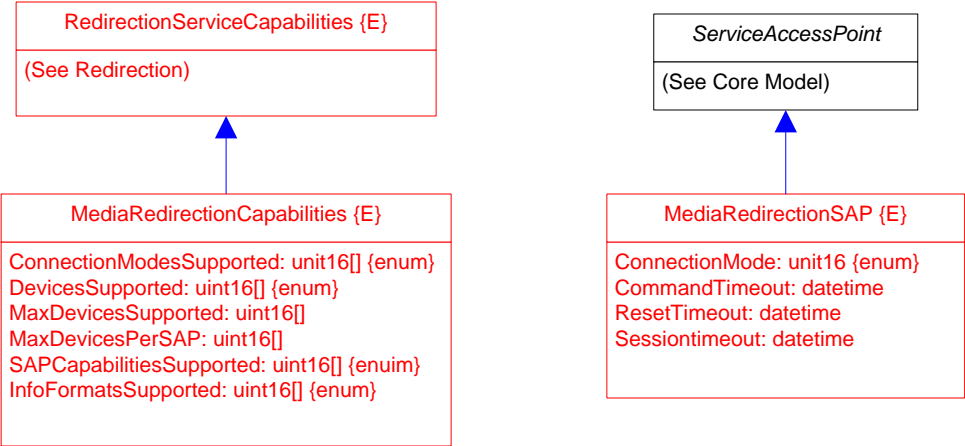
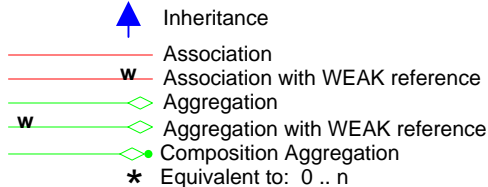











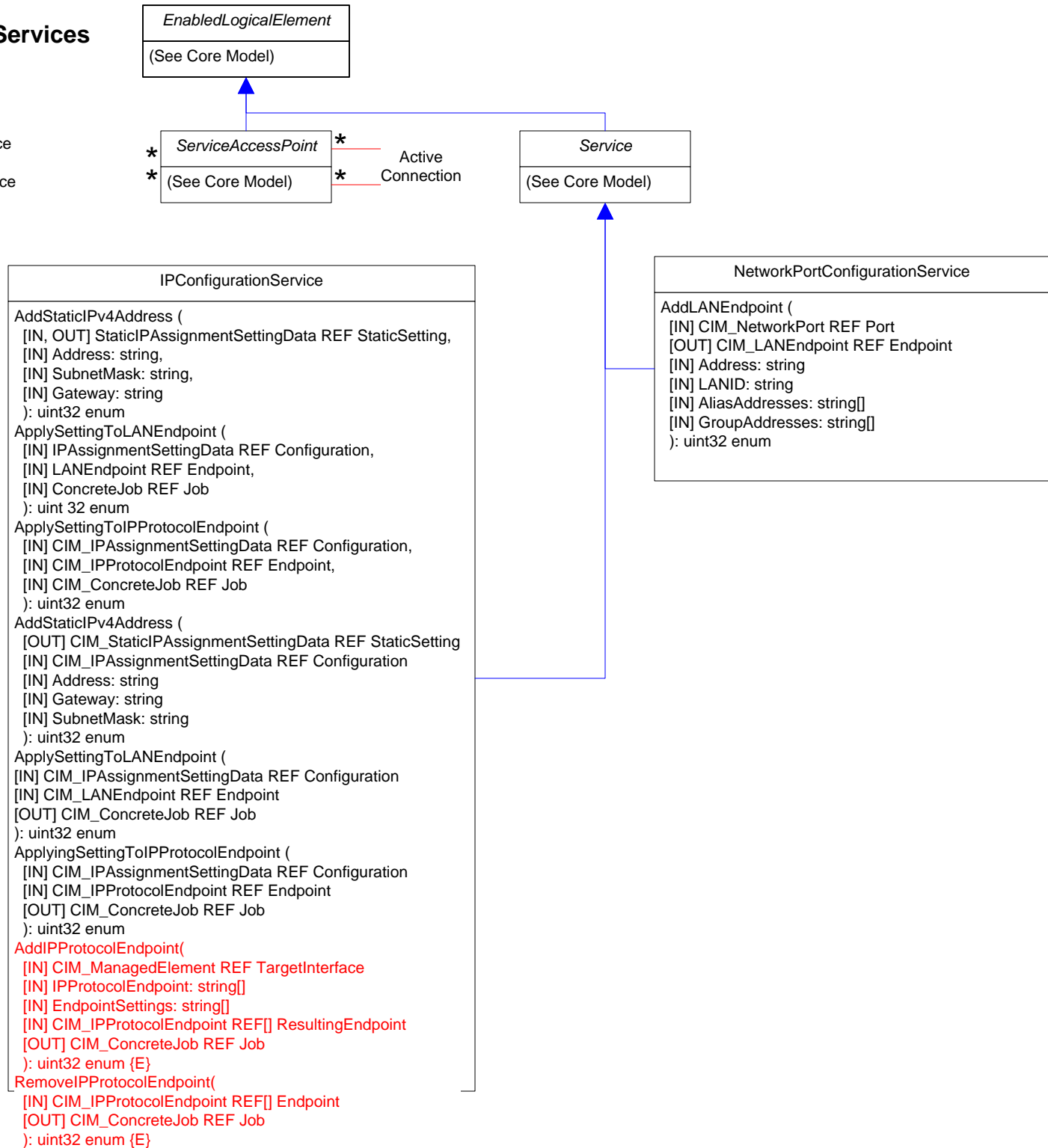
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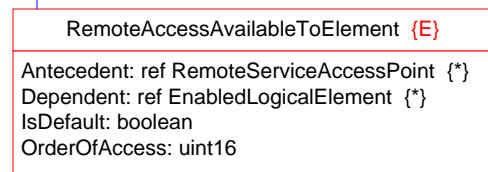
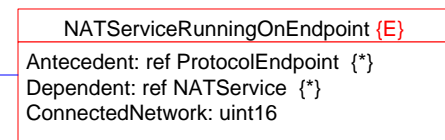
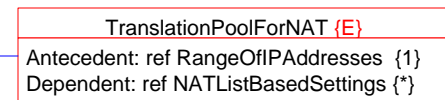
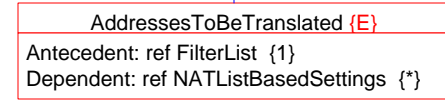
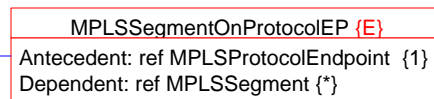
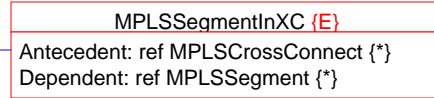
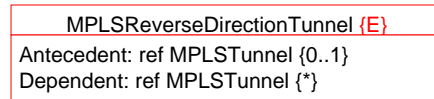
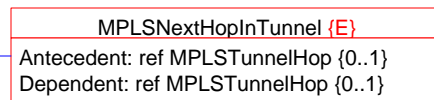
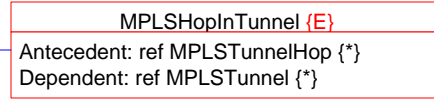
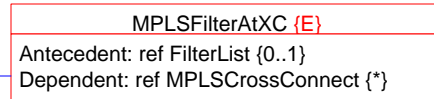
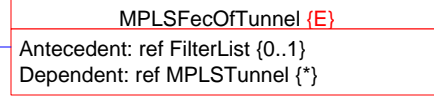
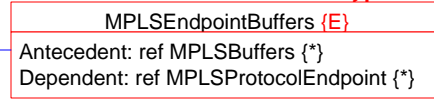
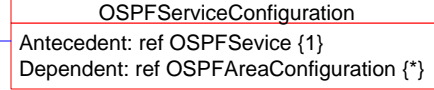
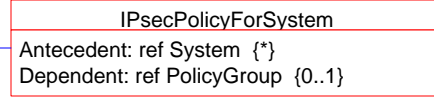
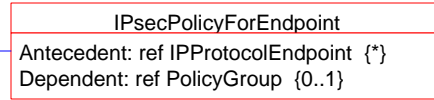
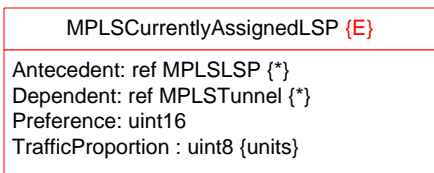
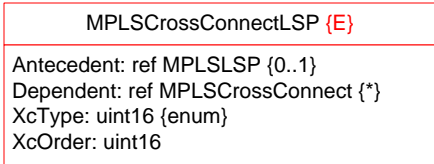
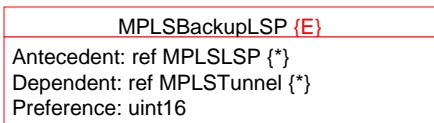
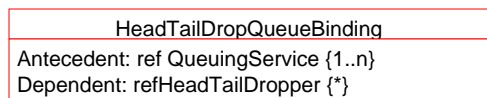
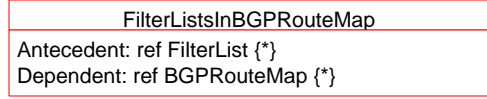
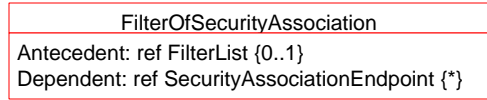
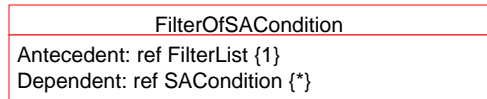
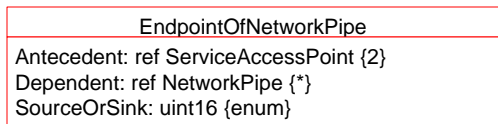
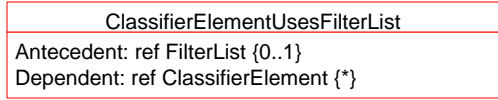
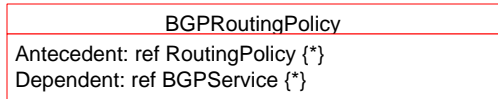
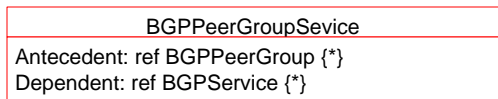
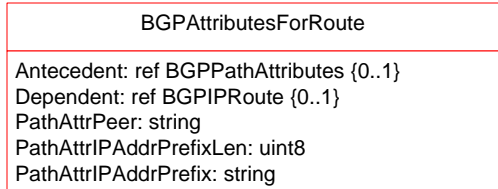
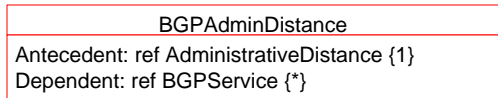
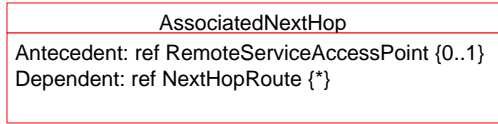
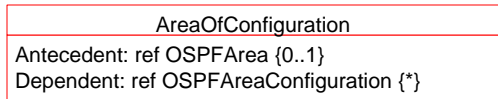
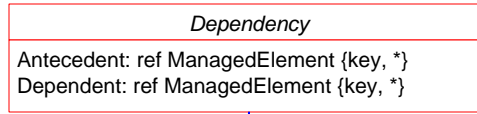


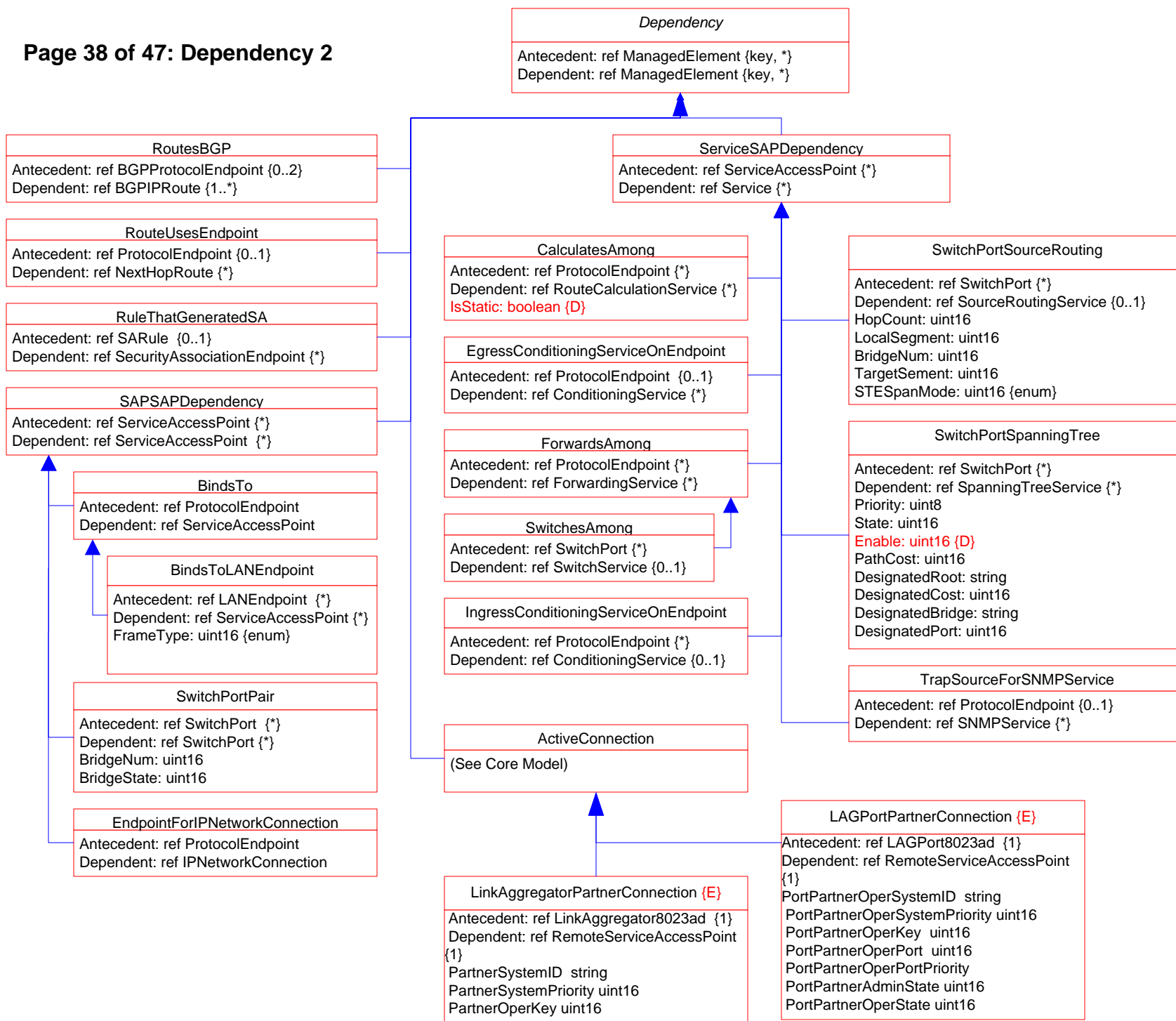


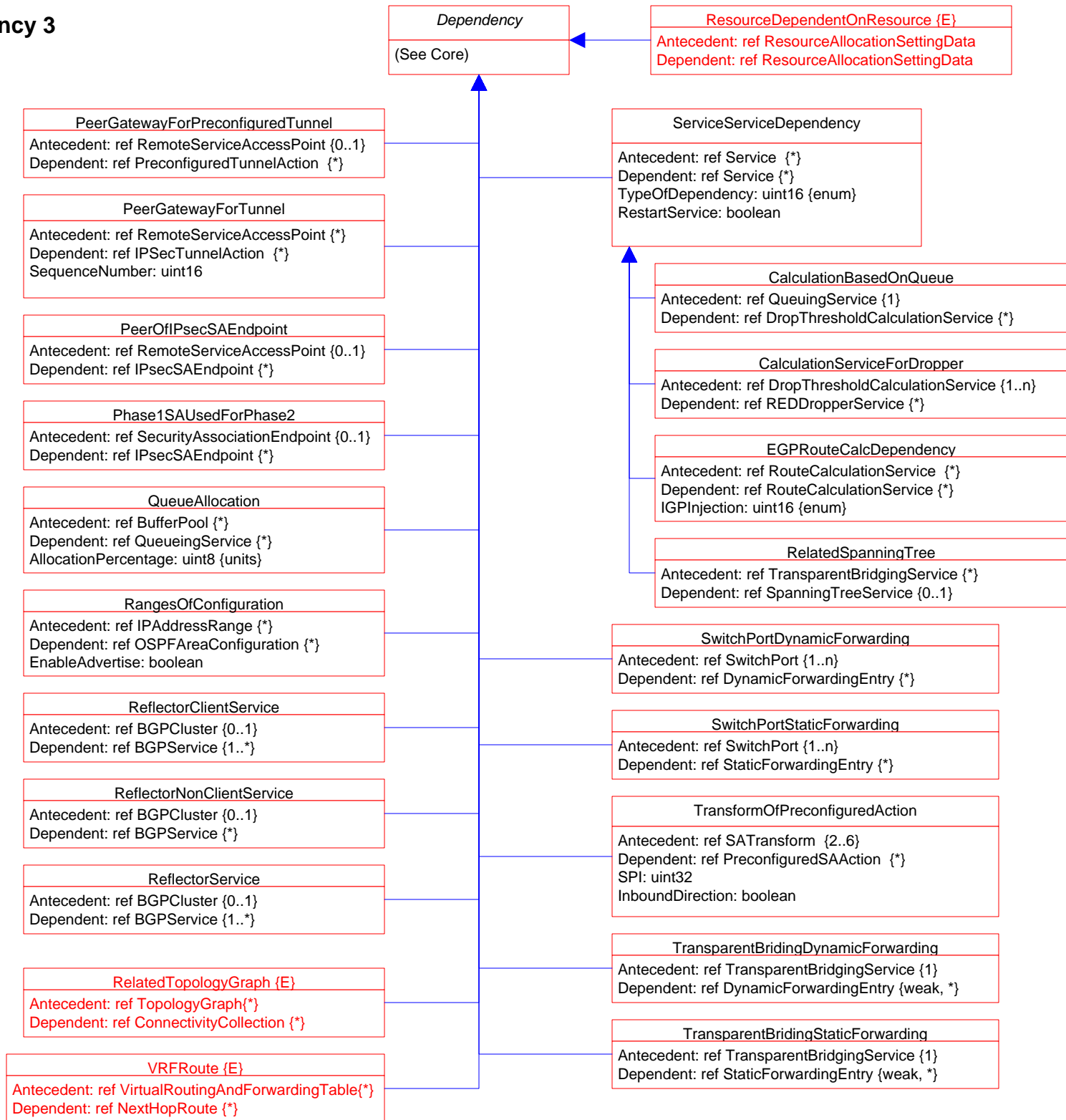


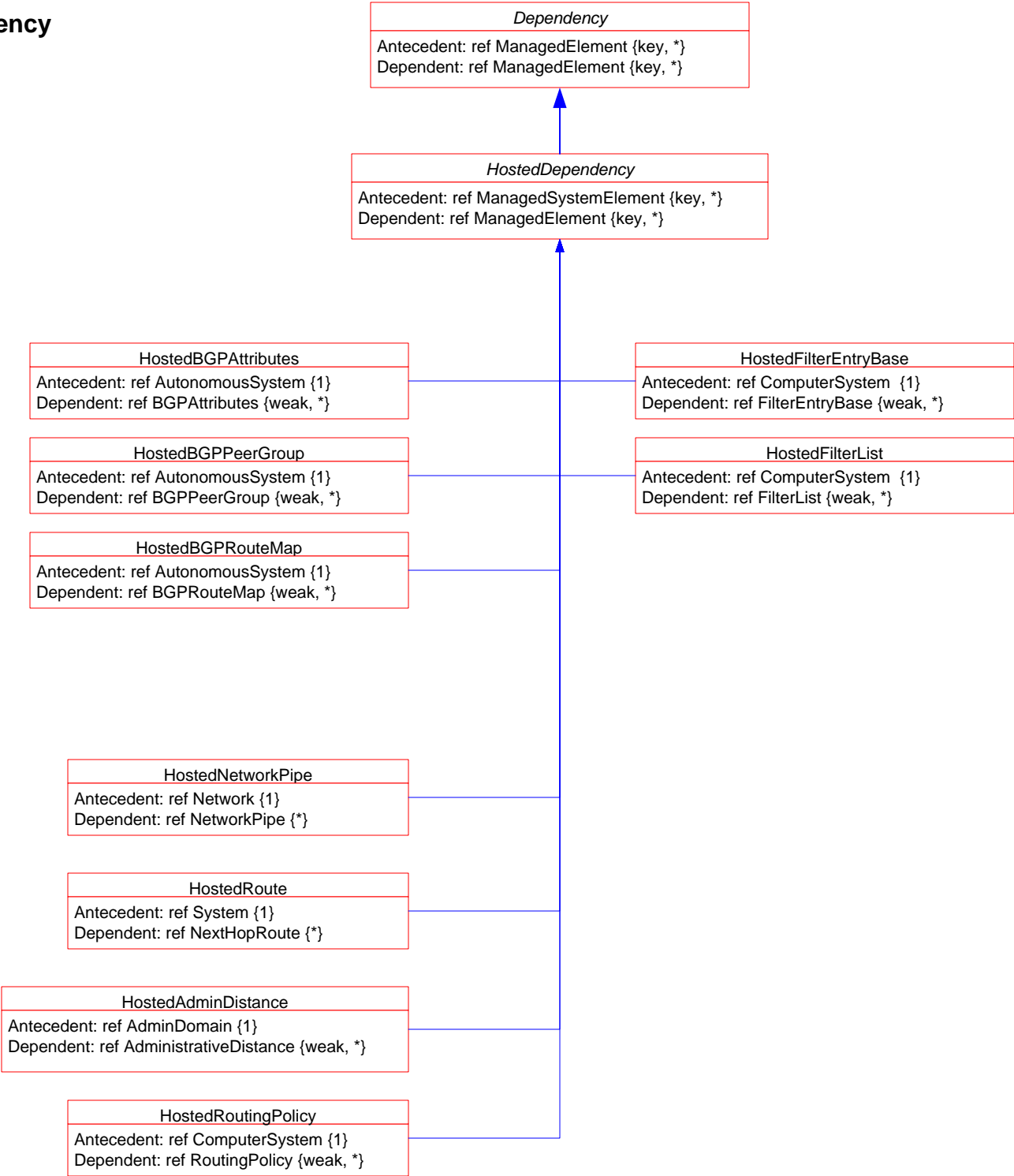
-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0 .. n





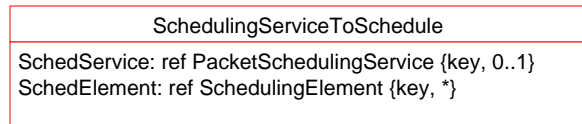
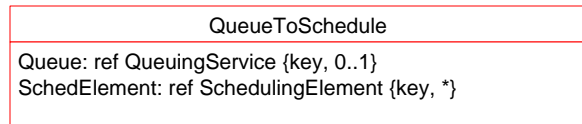
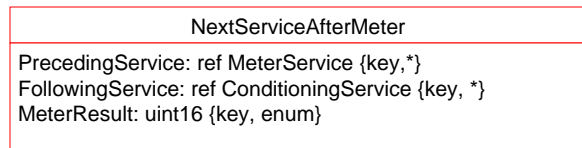
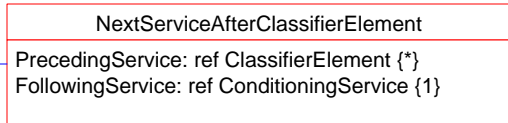
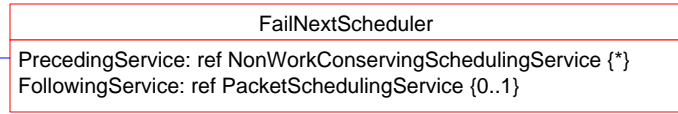
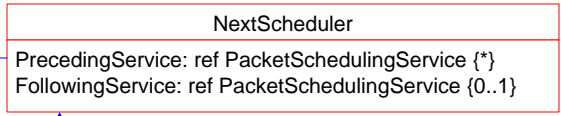
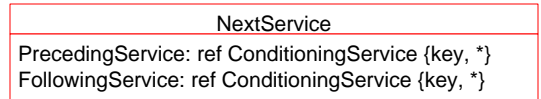
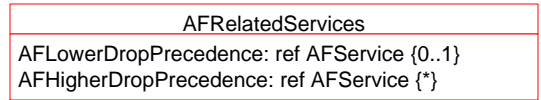
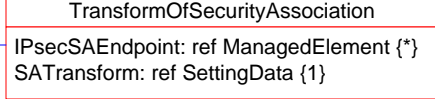
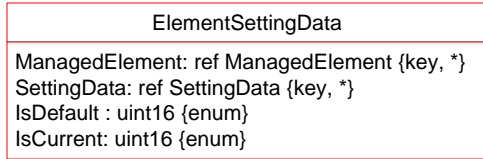
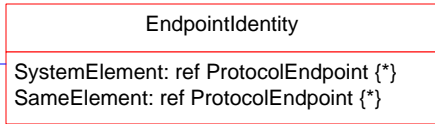
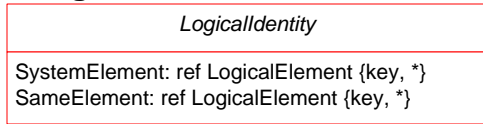




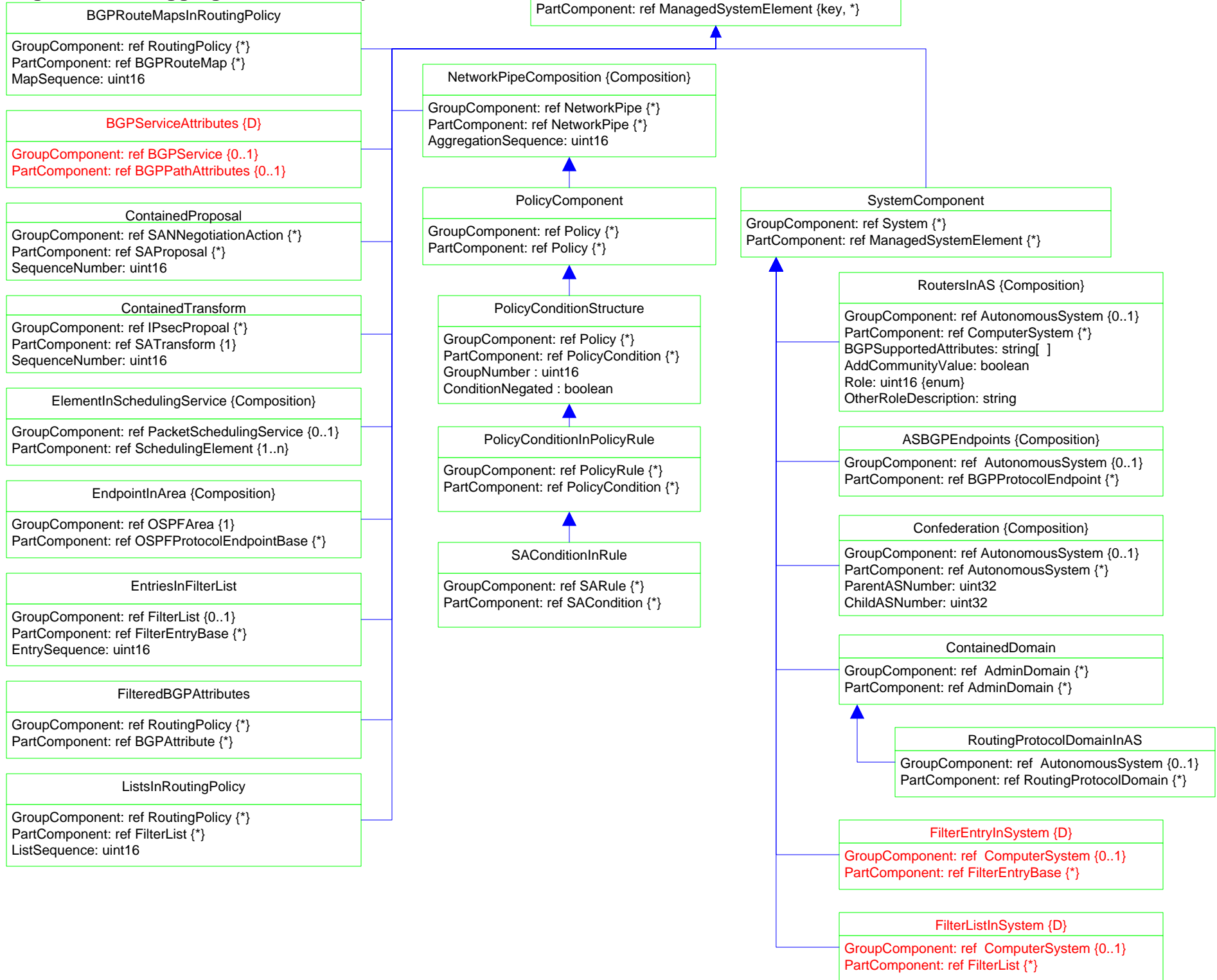


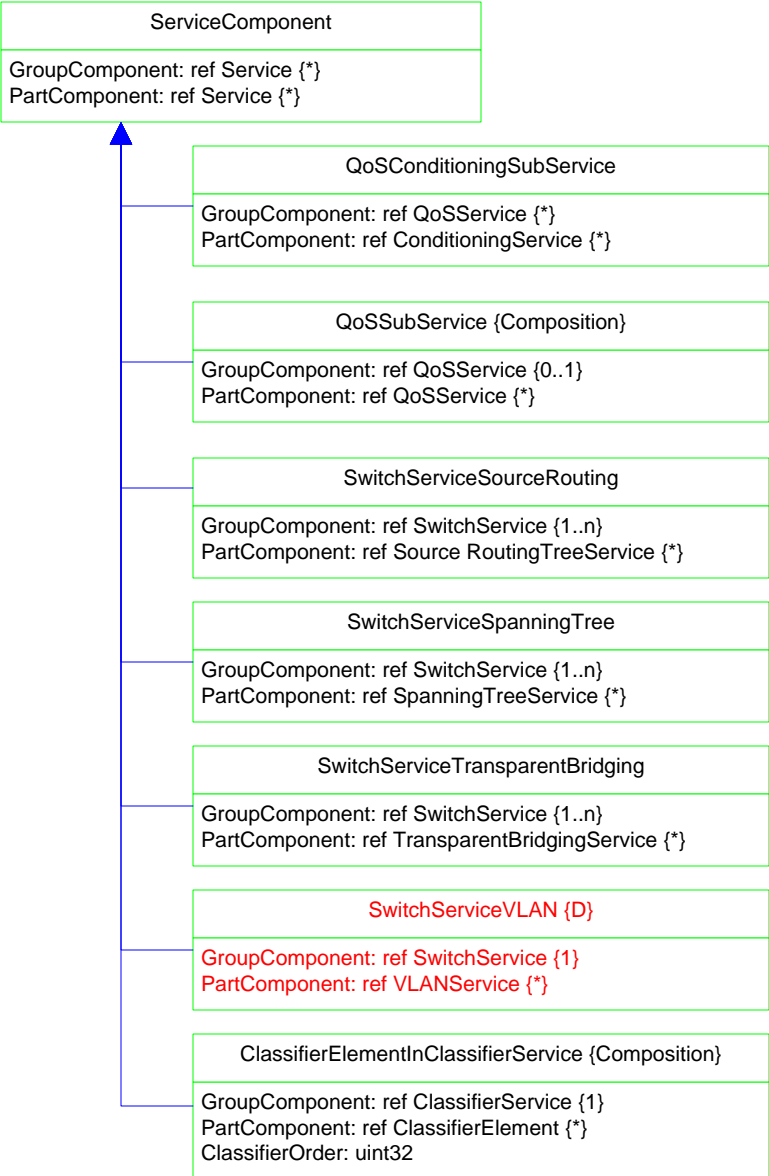


## Page 41 of 47: Association Hierarchy



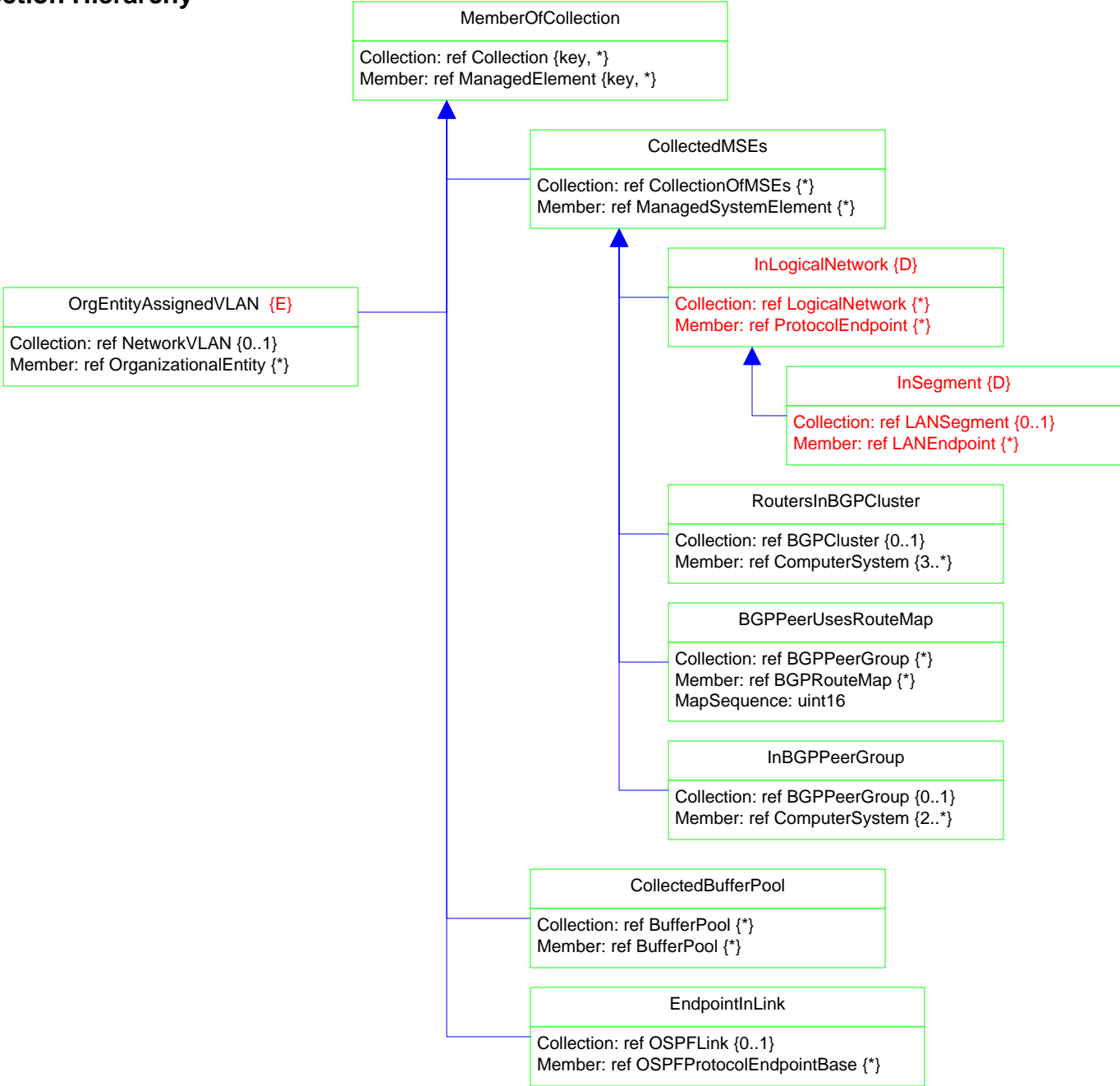
# Page 42 of 47: Aggregation Hierarchy 1







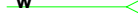
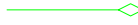



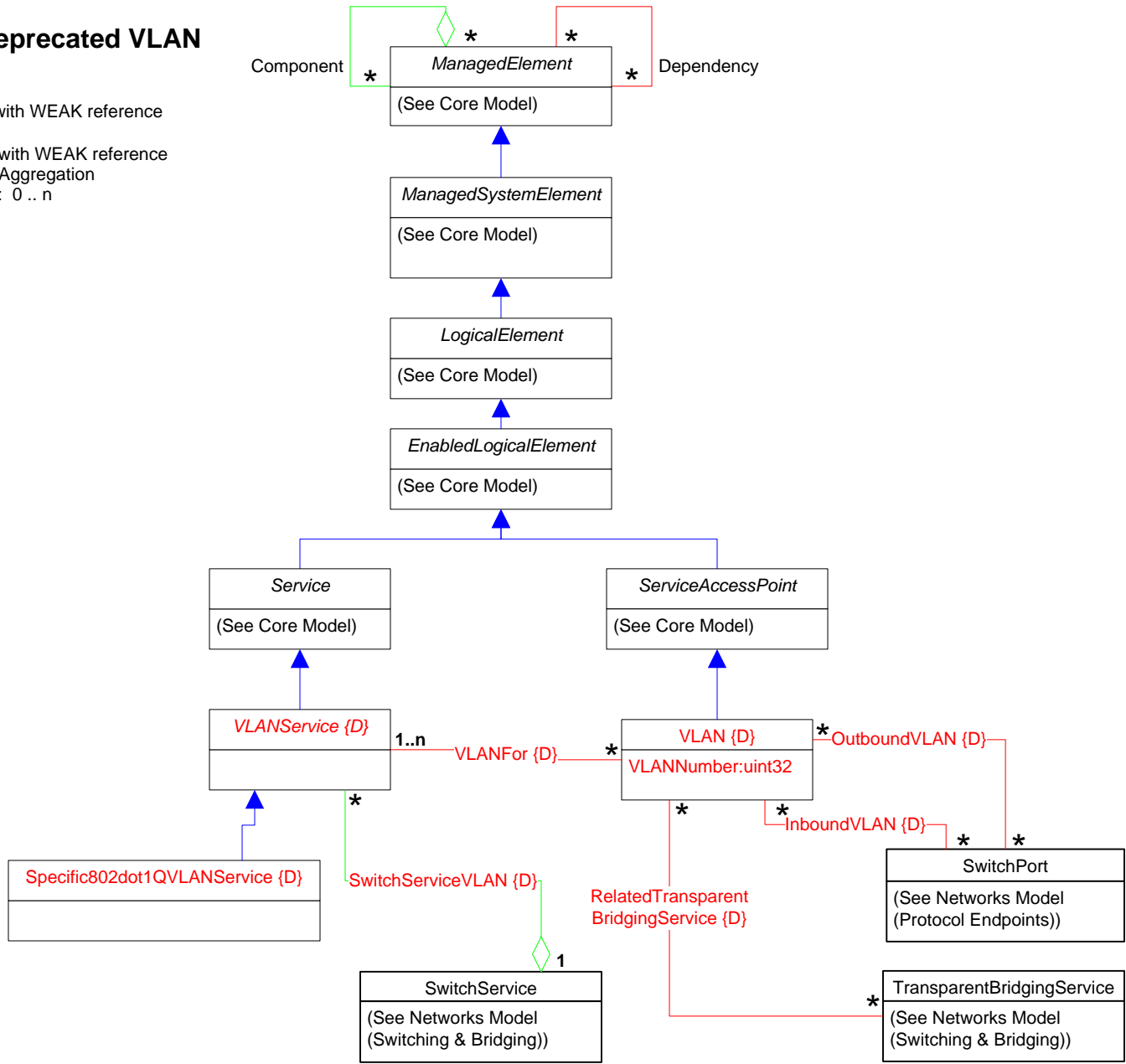
BGPClustersInAS {Composition}
GroupAS: ref AutonomousSystem {key, 0..1} PartAS: ref BGPCluster {key, *}

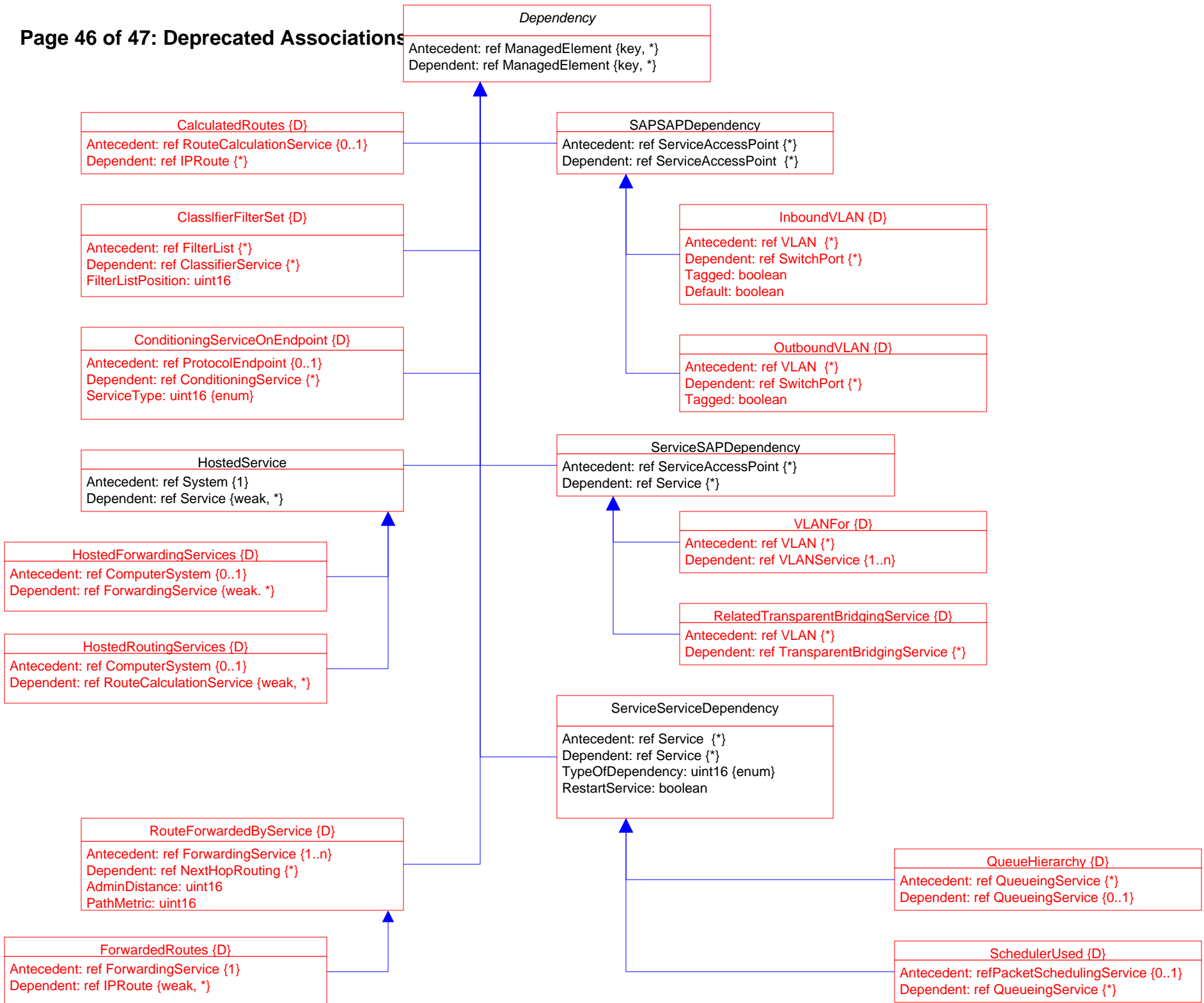
Page 44 of 47: MemberOfCollection Hierarchy



# 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

