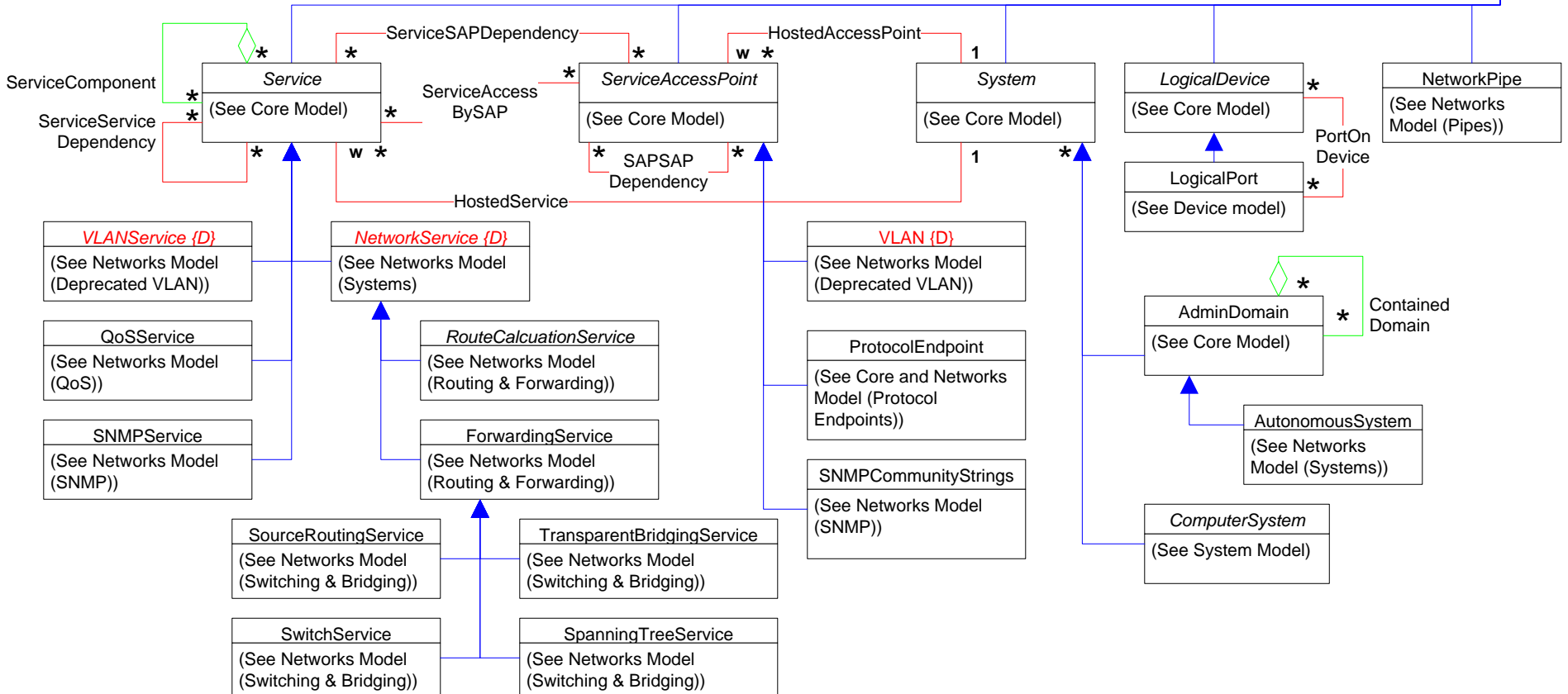
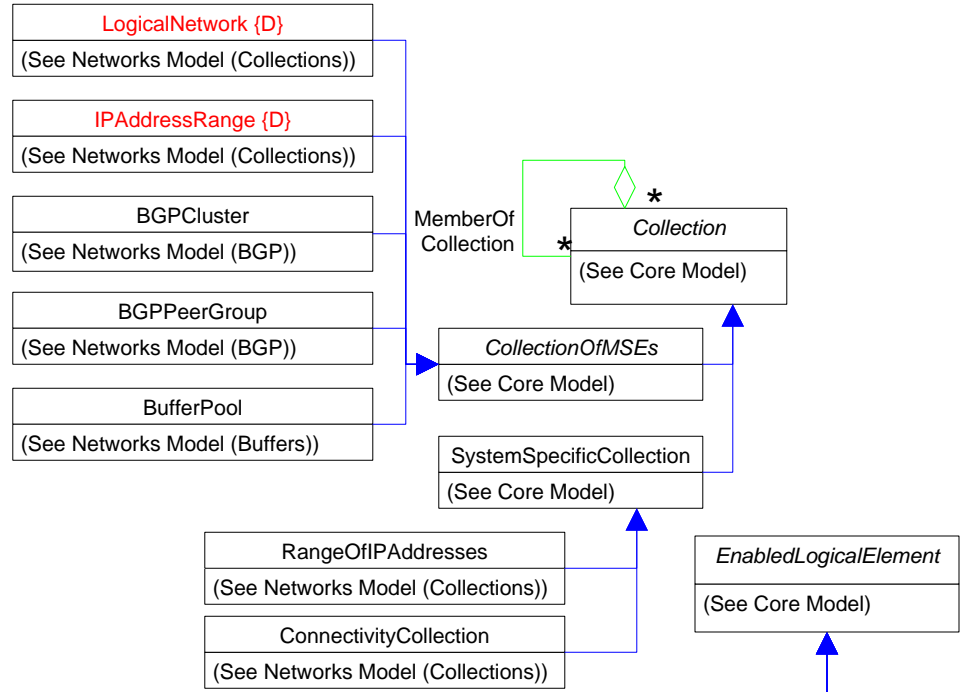









Title : Network Specification Version 2.32.0
 Author : DMTF Networks Working Group
 Updated : 8 April 2012

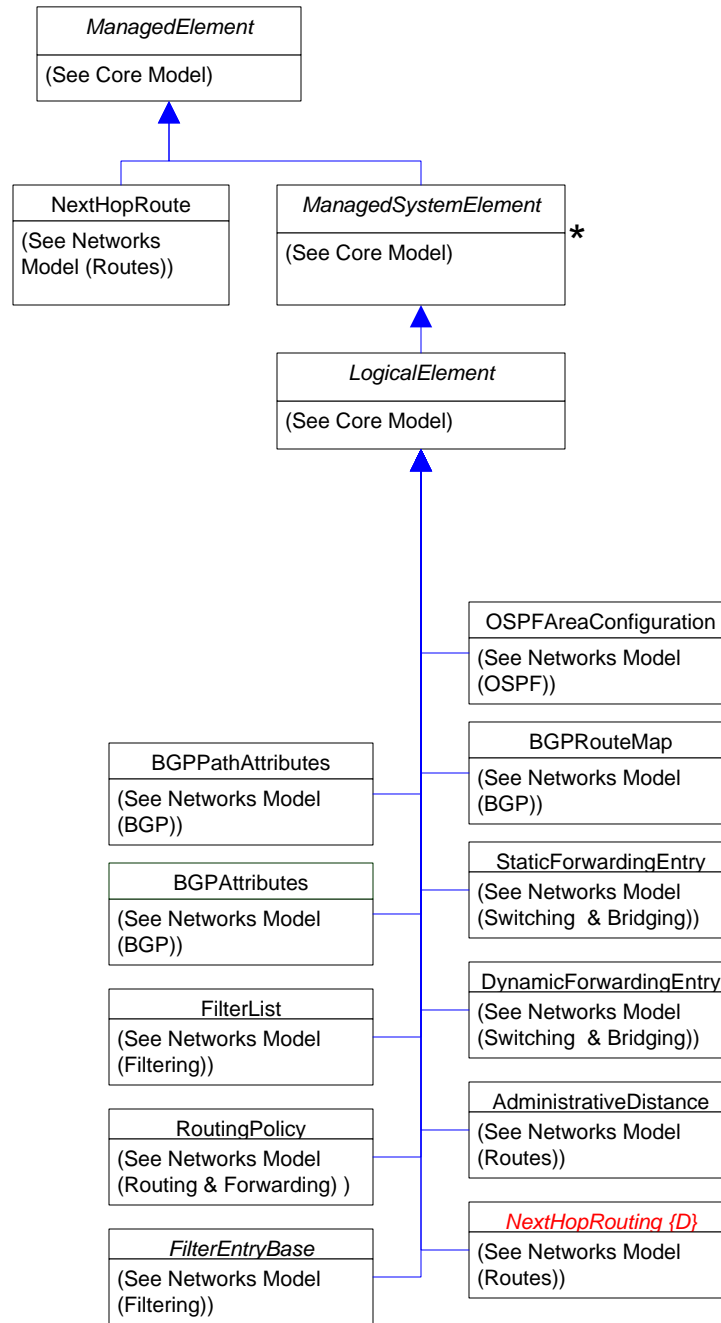
Page 1,2 : Overview
 Page 3 : Network Systems
 Page 4 : Network Collections
 Page 5,6,7 : Protocol Endpoints (1,2,3)
 Page 8 : Routing and Forwarding
 Page 9 : Routes
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 Page 11 : Filtering and Filter Entries
 Page 12 : Buffer Pools (Network Resources)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








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

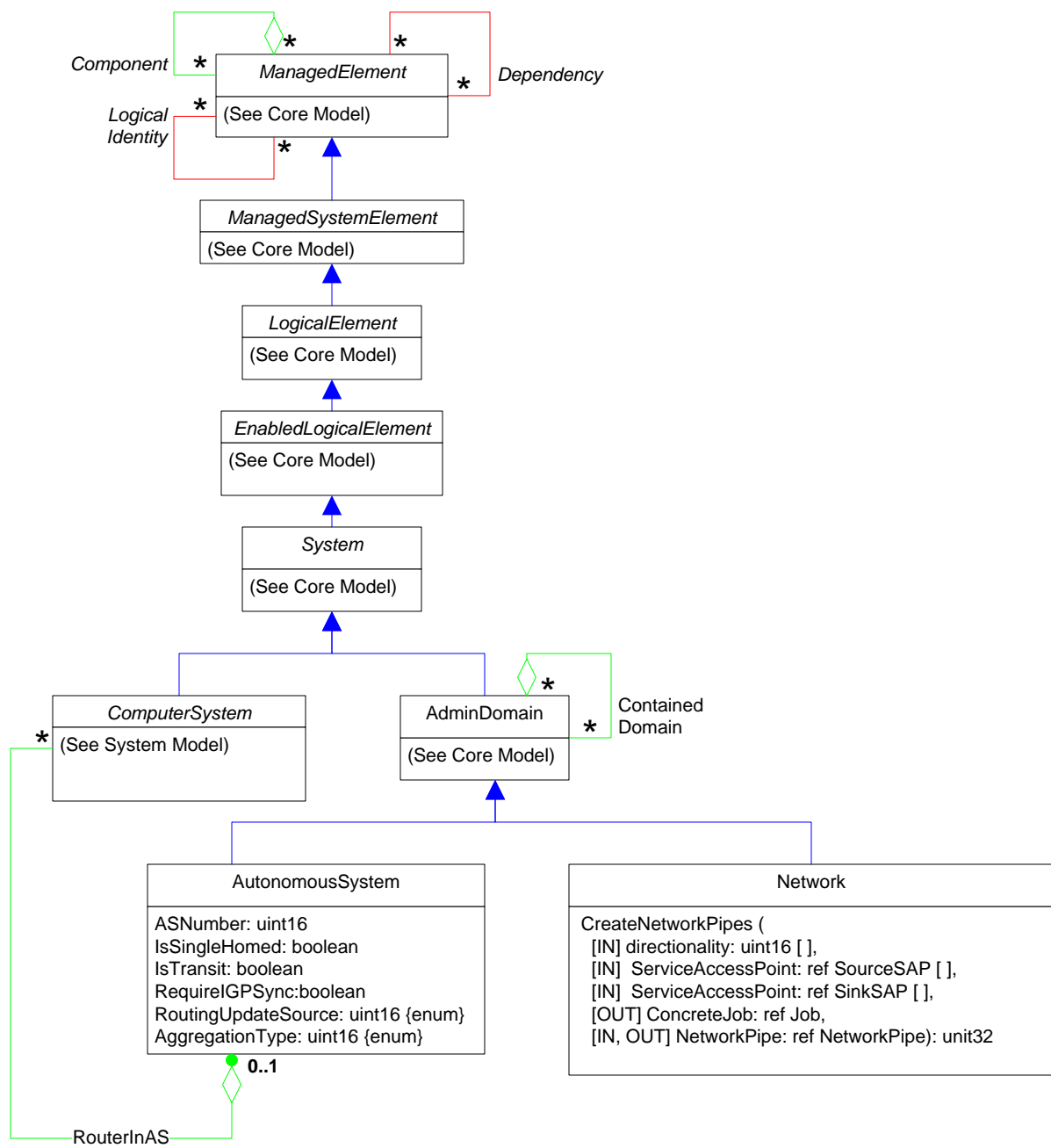
Page 27 : Topology
 Page 28 : 802.3ad Link Aggregation
 Page 29 : NAT
 Page 30,31 : iSCSI (1,2)
 Page 32 : Channel Extender
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 Page 34 : MediaRedirection
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 Page 36,37,38 : Dependency (1,2,3)
 Page 39 : Hosted Dependency Hierarchy
 Page 40 : Association Hierarchy
 Page 41,42 : Aggregation Hierarchy (1,2)
 Page 43 : MemberOfCollection
 Page 44 : Deprecated VLAN
 Page 45,46 : Deprecated Associations (1,2)



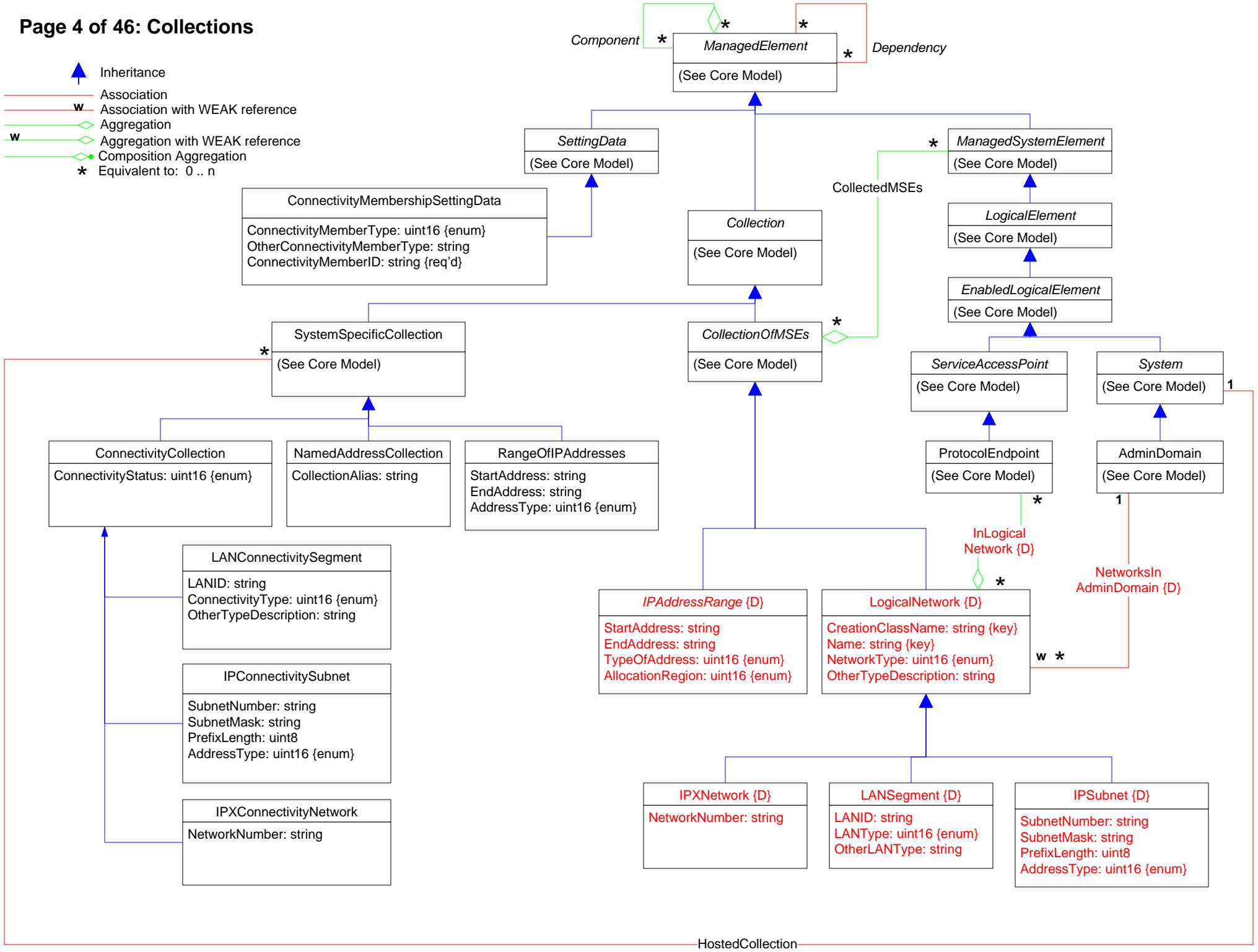
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-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0 .. n



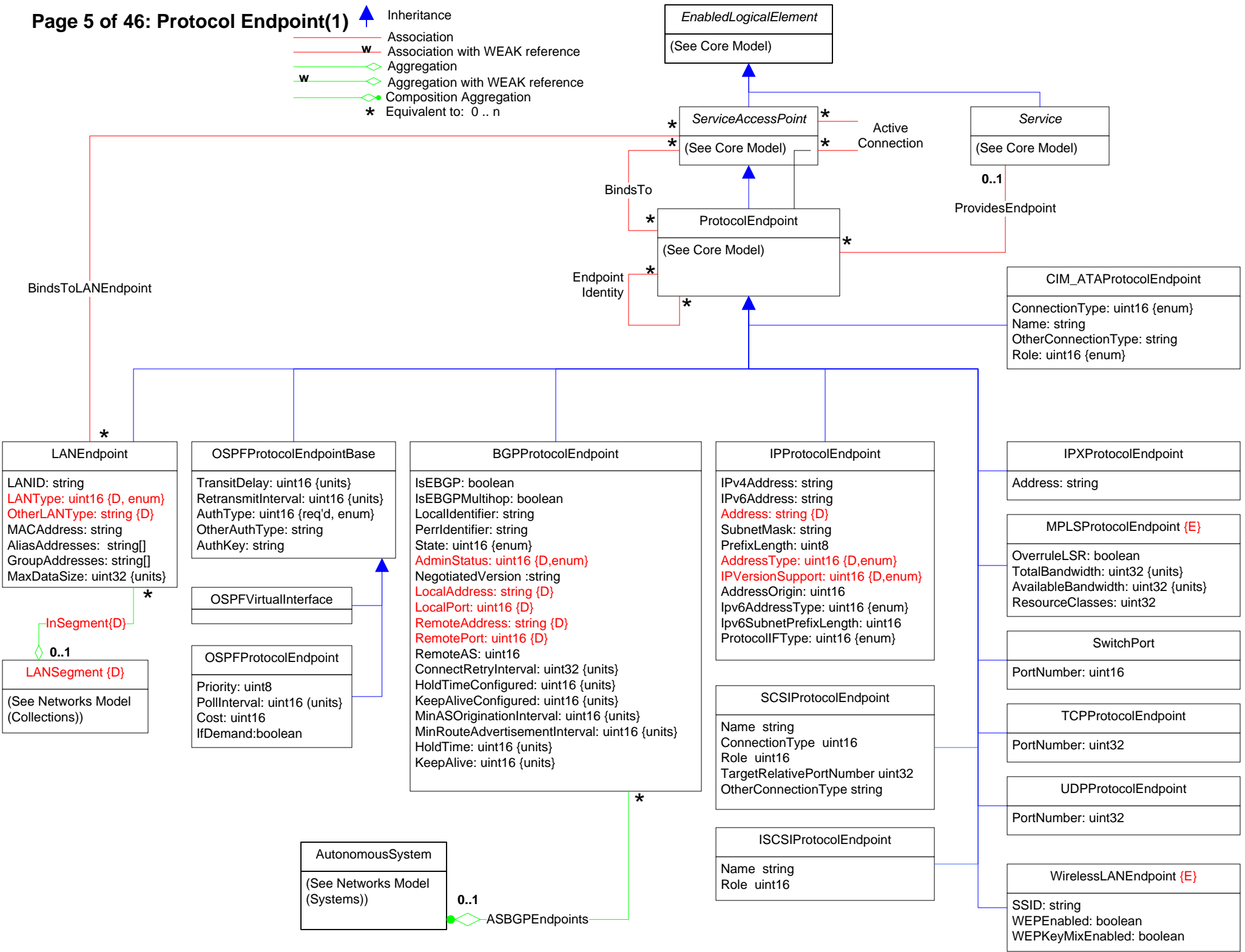
-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0 .. n



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

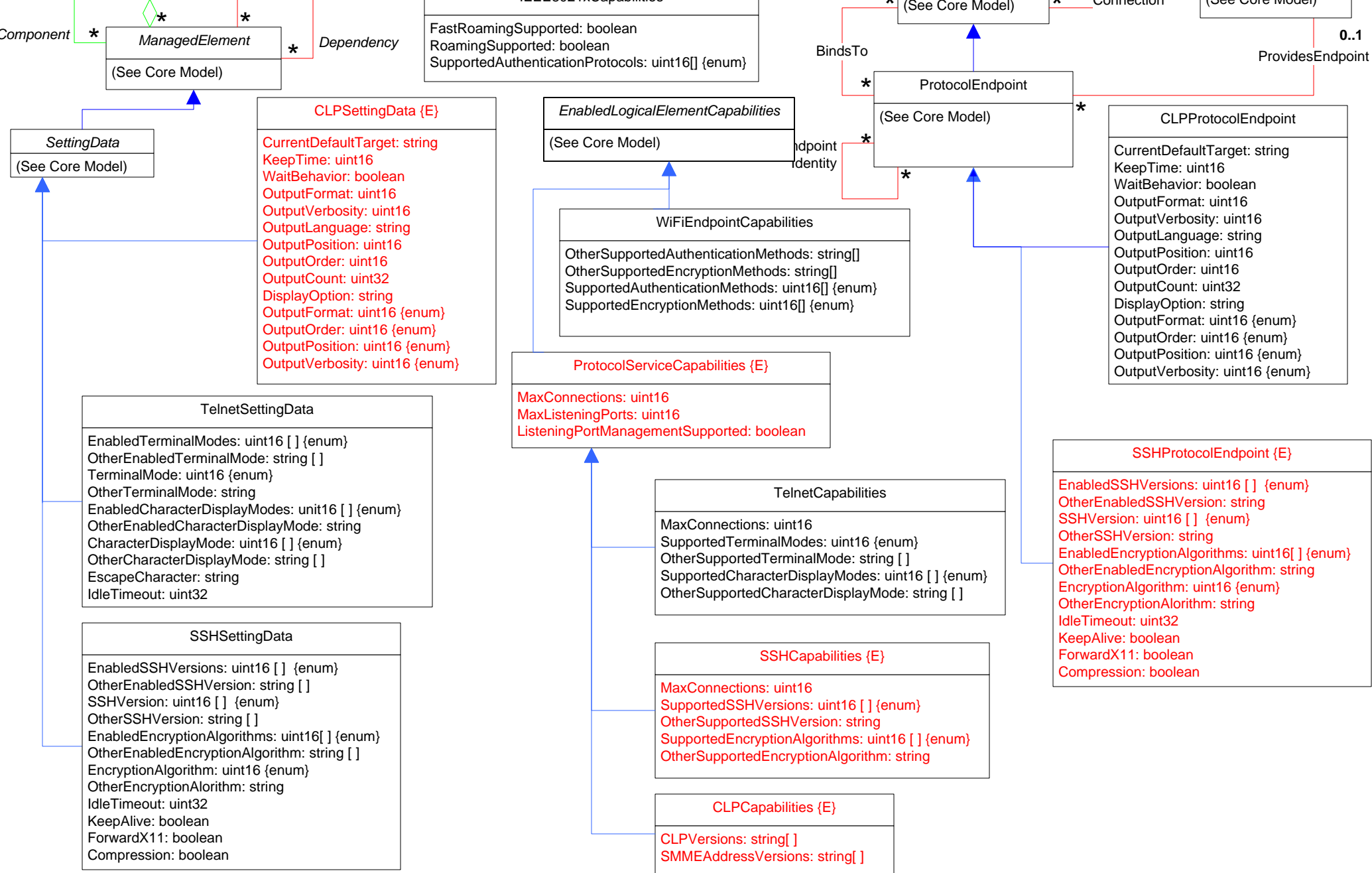


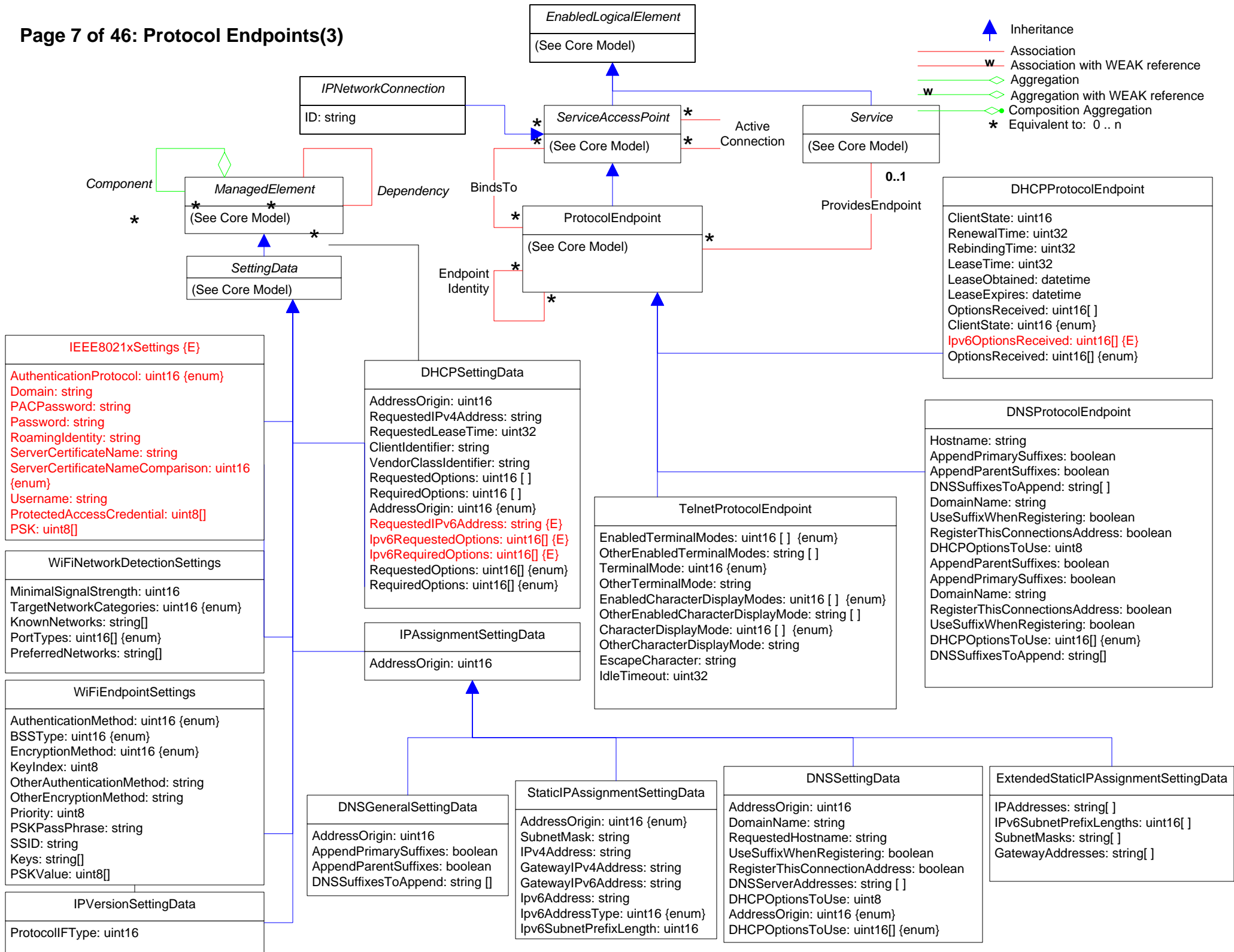
- Inheritance
- Association
- Association with WEAK reference
- Aggregation
- Aggregation with WEAK reference
- Composition Aggregation
- Equivalent to: 0..n



Page 6 of 46: Protocol Endpoint(2)

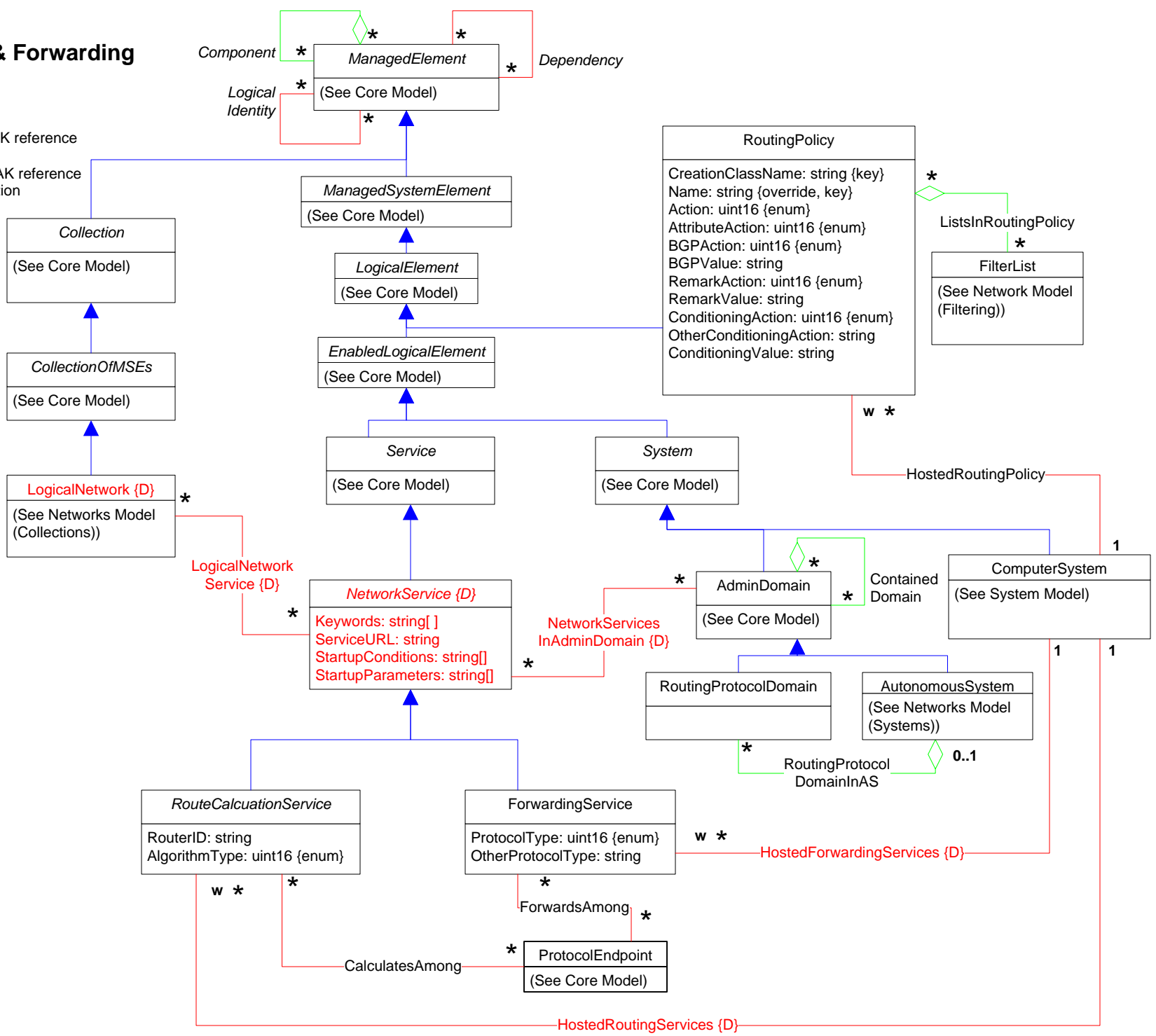
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- Association
- Association with WEAK reference
- Aggregation
- Aggregation with WEAK reference
- Composition Aggregation
- Equivalent to: 0..n




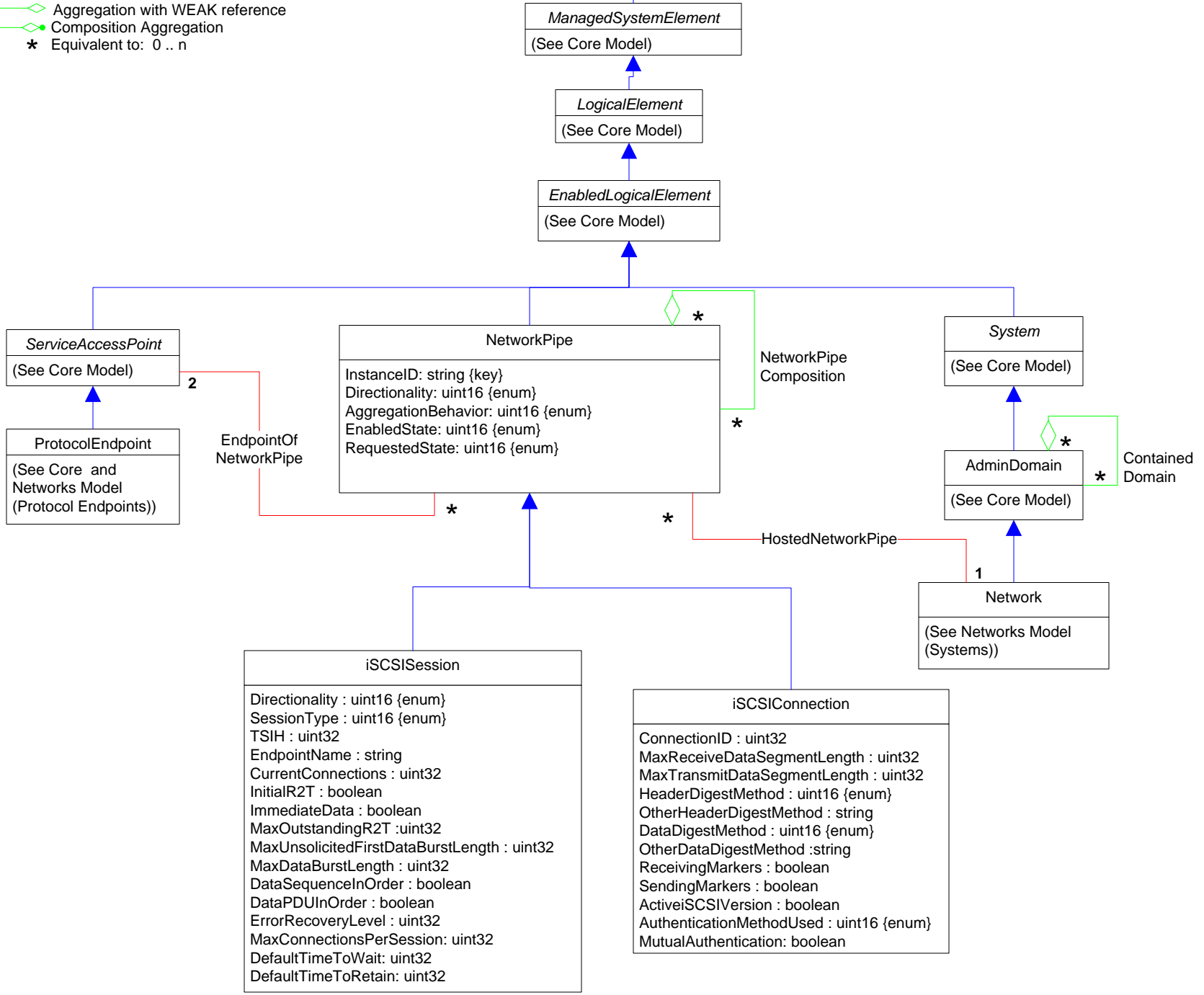
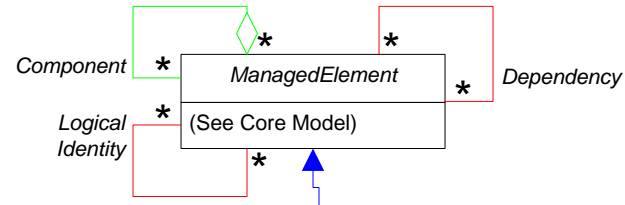


Page 8 of 46: Routing & Forwarding








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

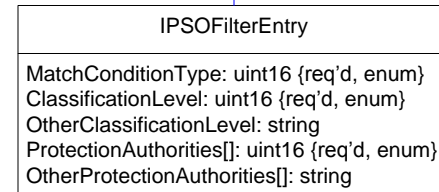
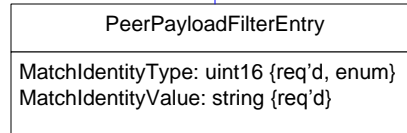
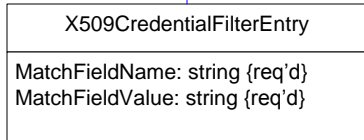
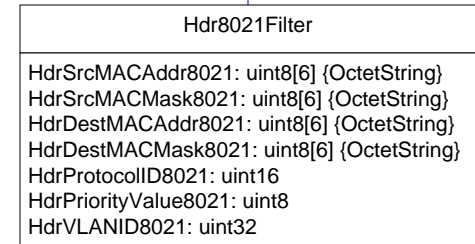
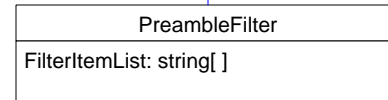
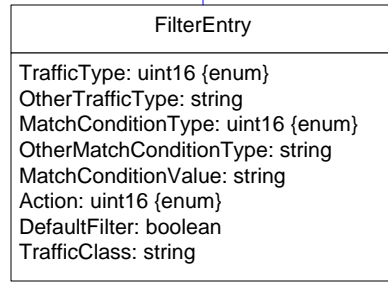
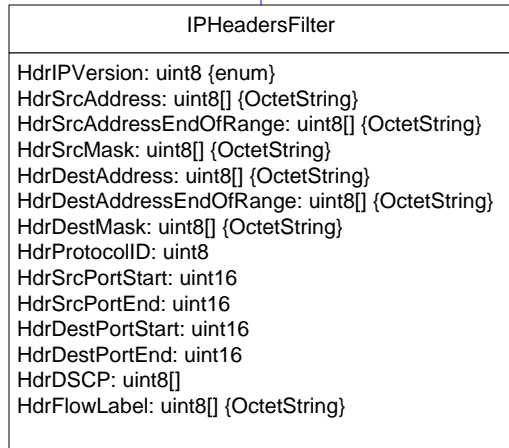
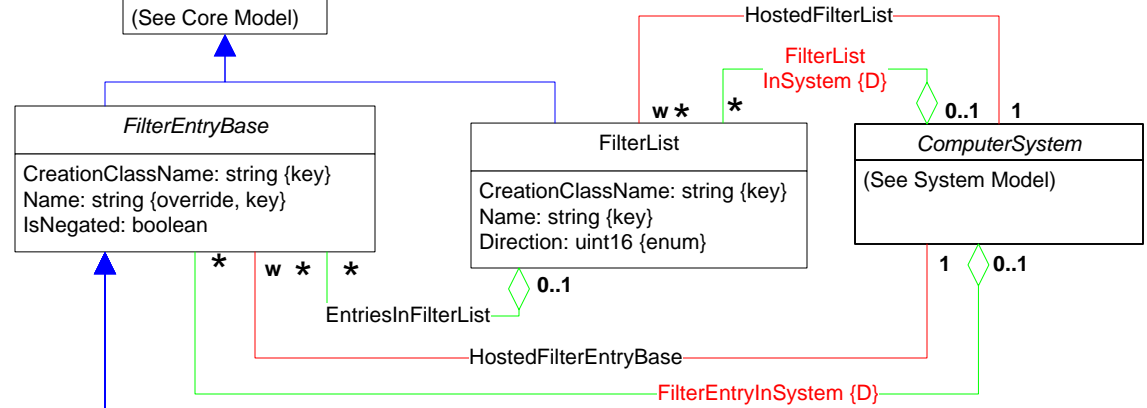
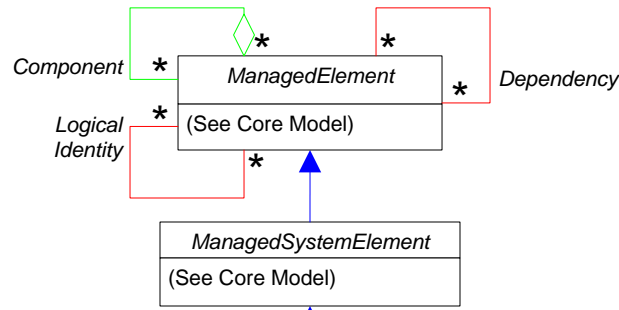


-  Inheritance
- Association
- Association with WEAK reference
- Aggregation
- Aggregation with WEAK reference
- Composition Aggregation
- Equivalent to: 0 .. n










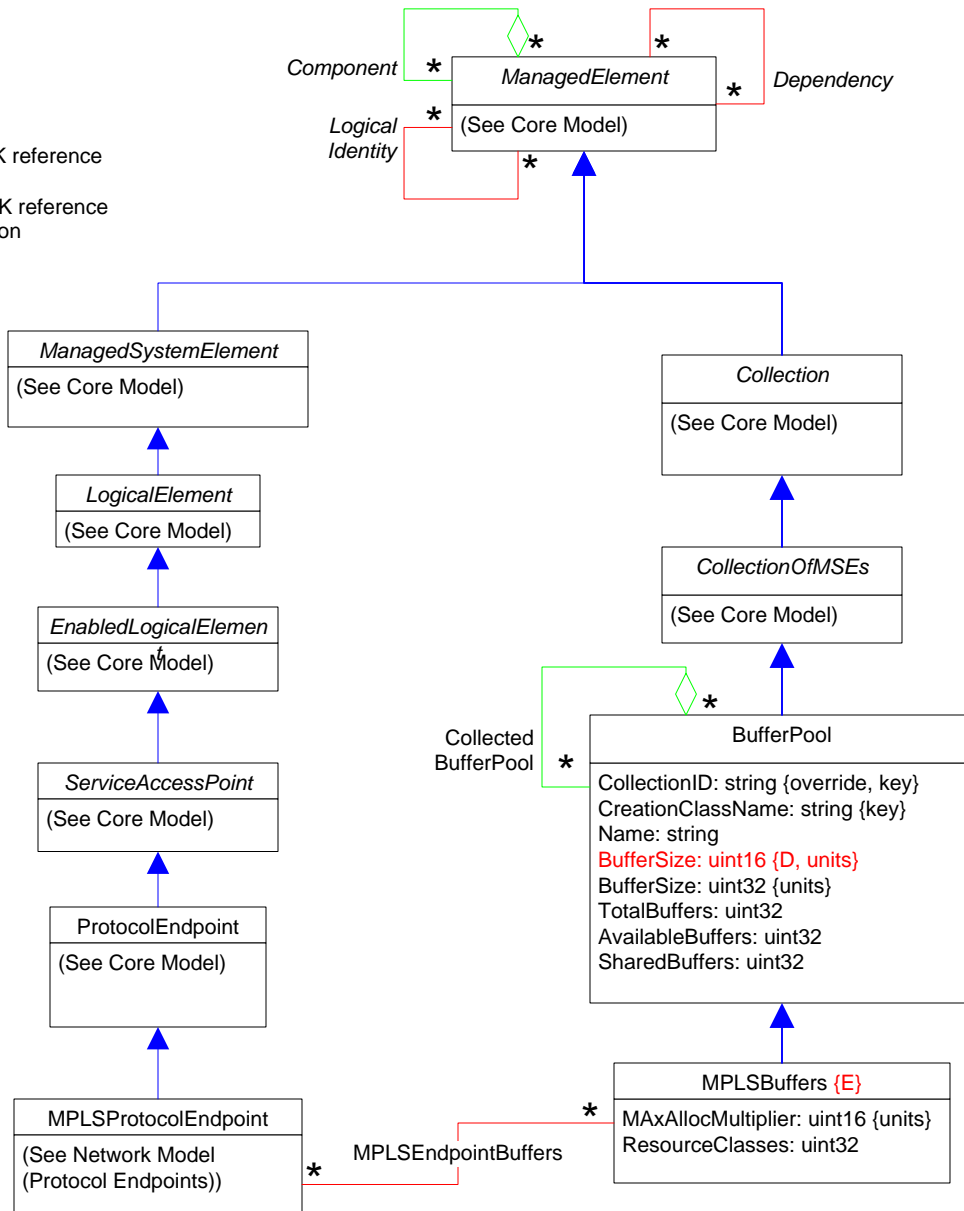
Page 11 of 46: Filtering

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










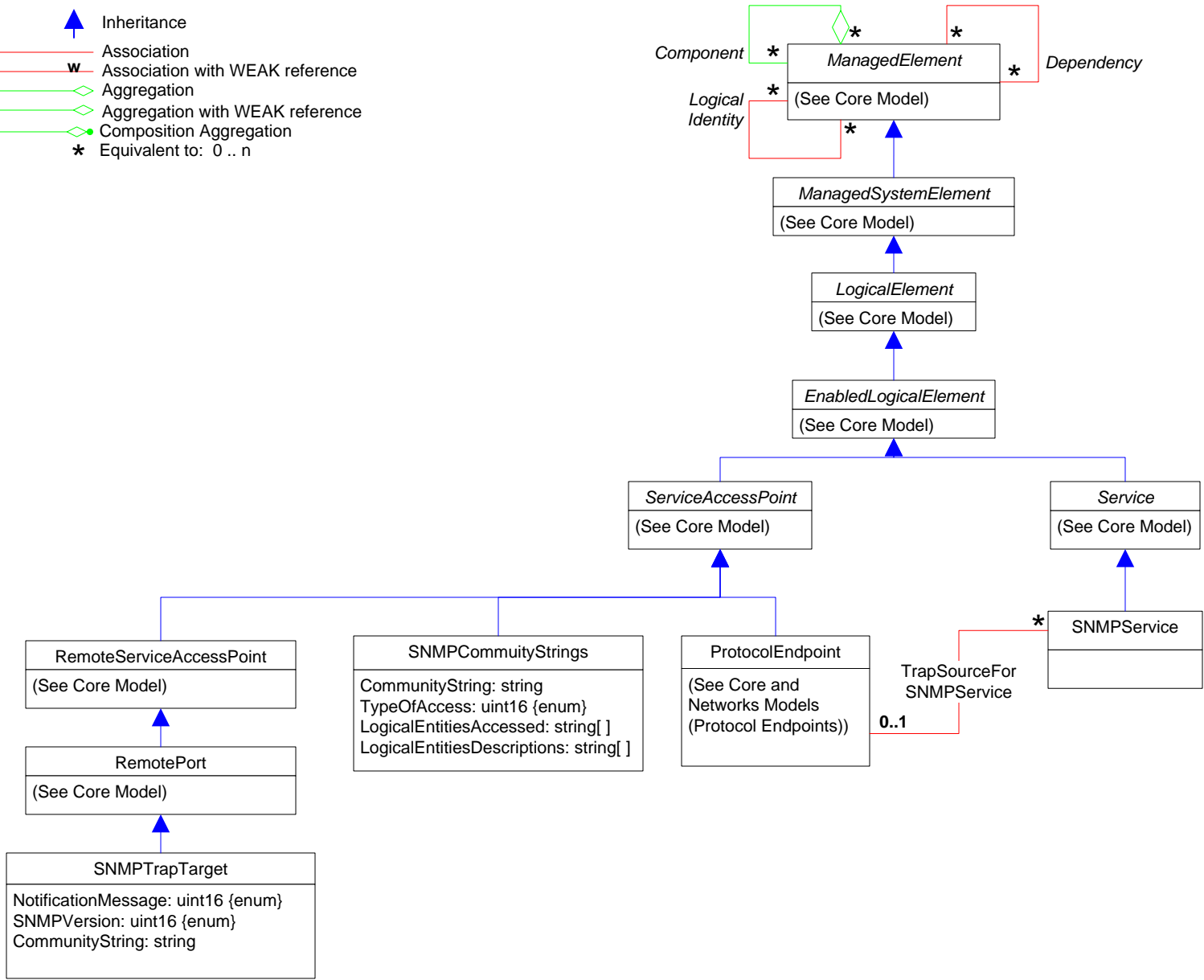
Page 12 of 46: Buffers








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

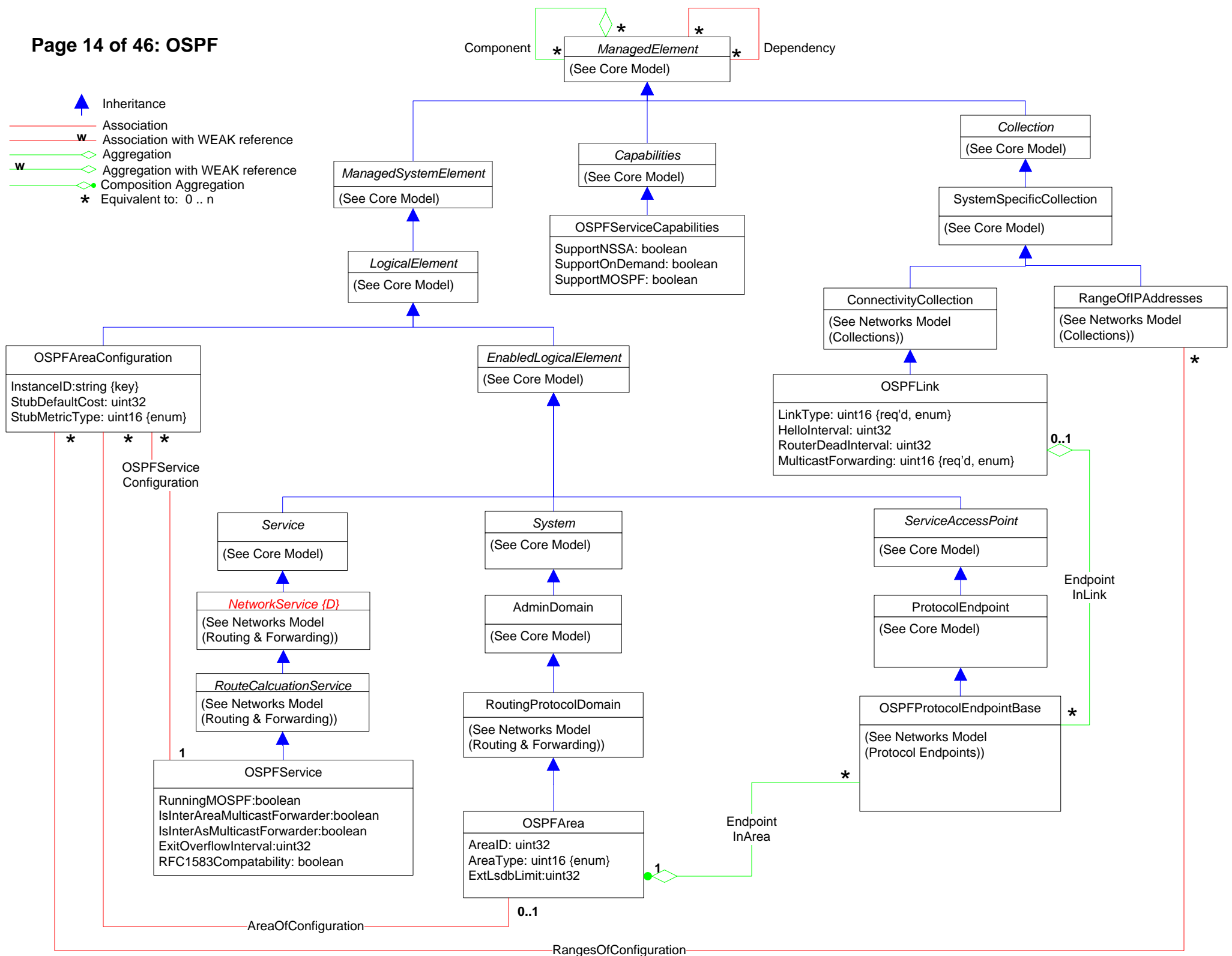


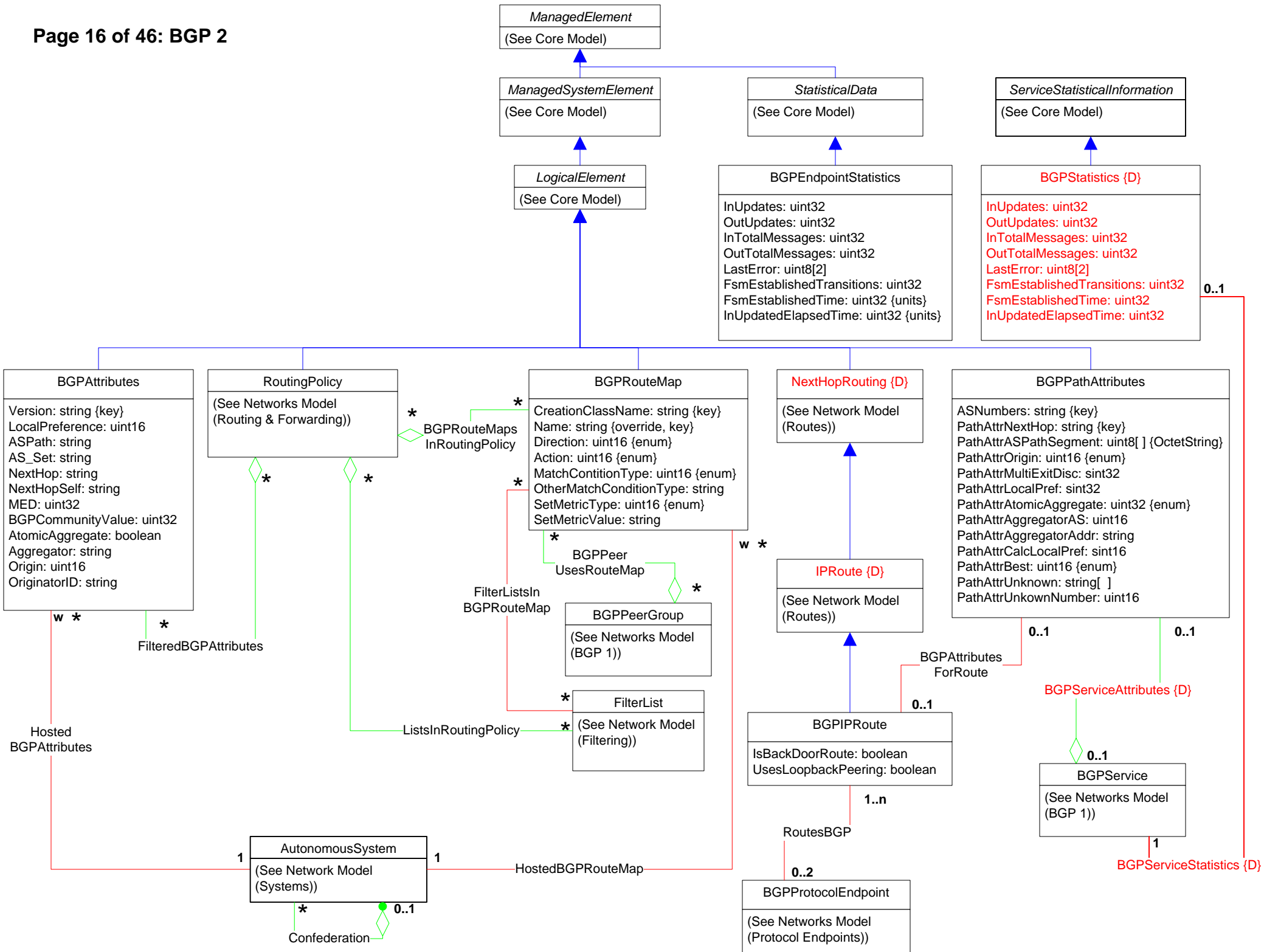
Page 13 of 46: SNMP

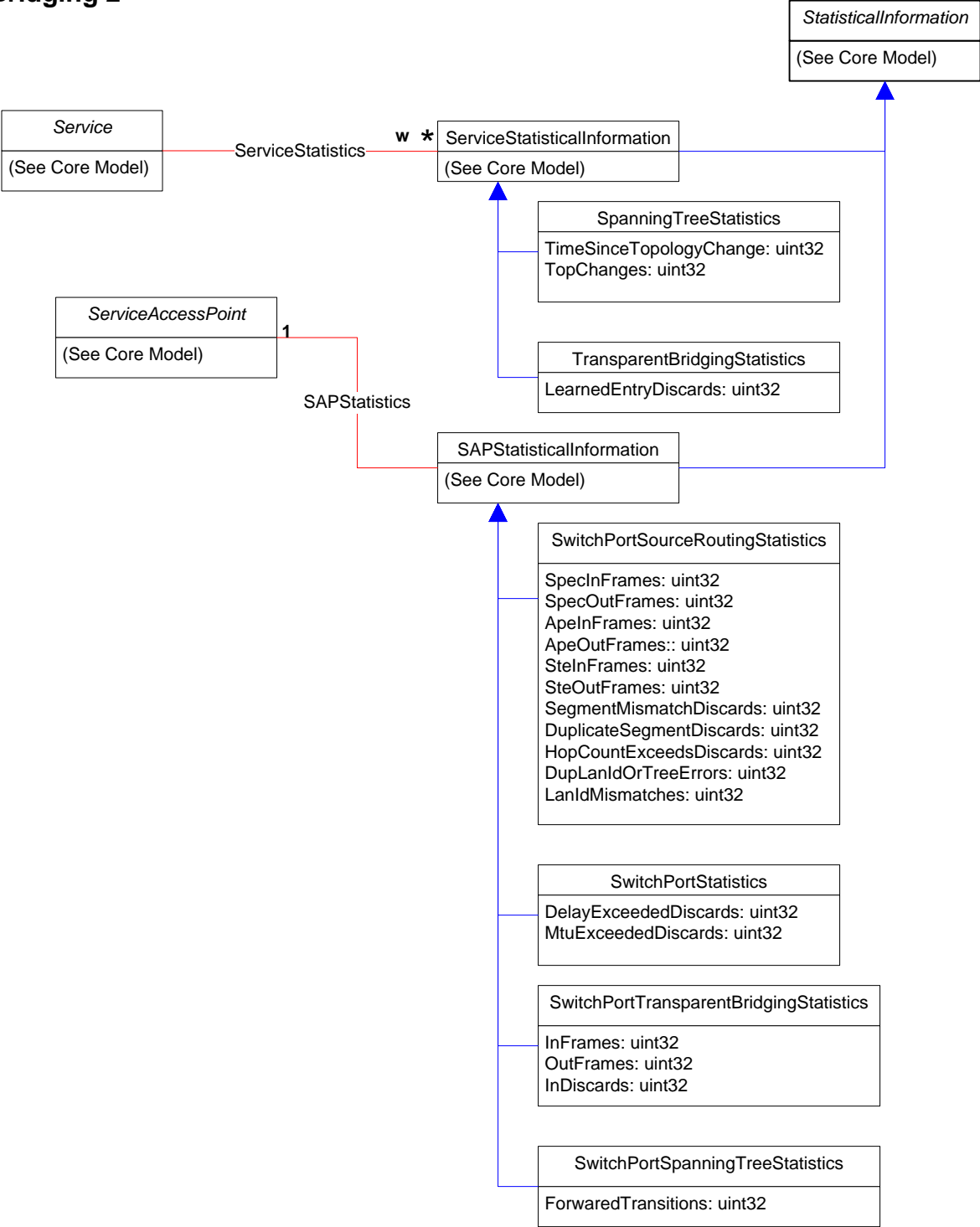
-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0..n










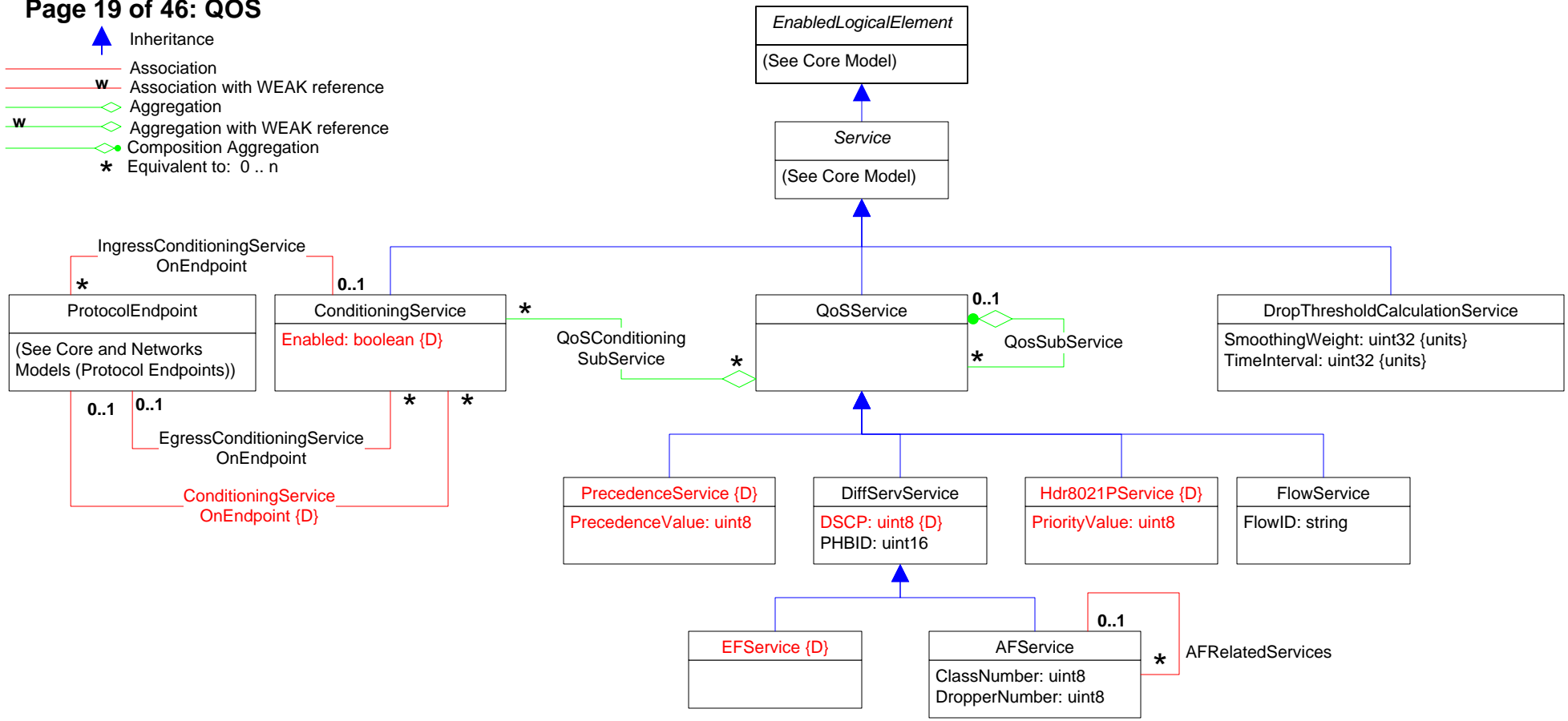
-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0 .. n

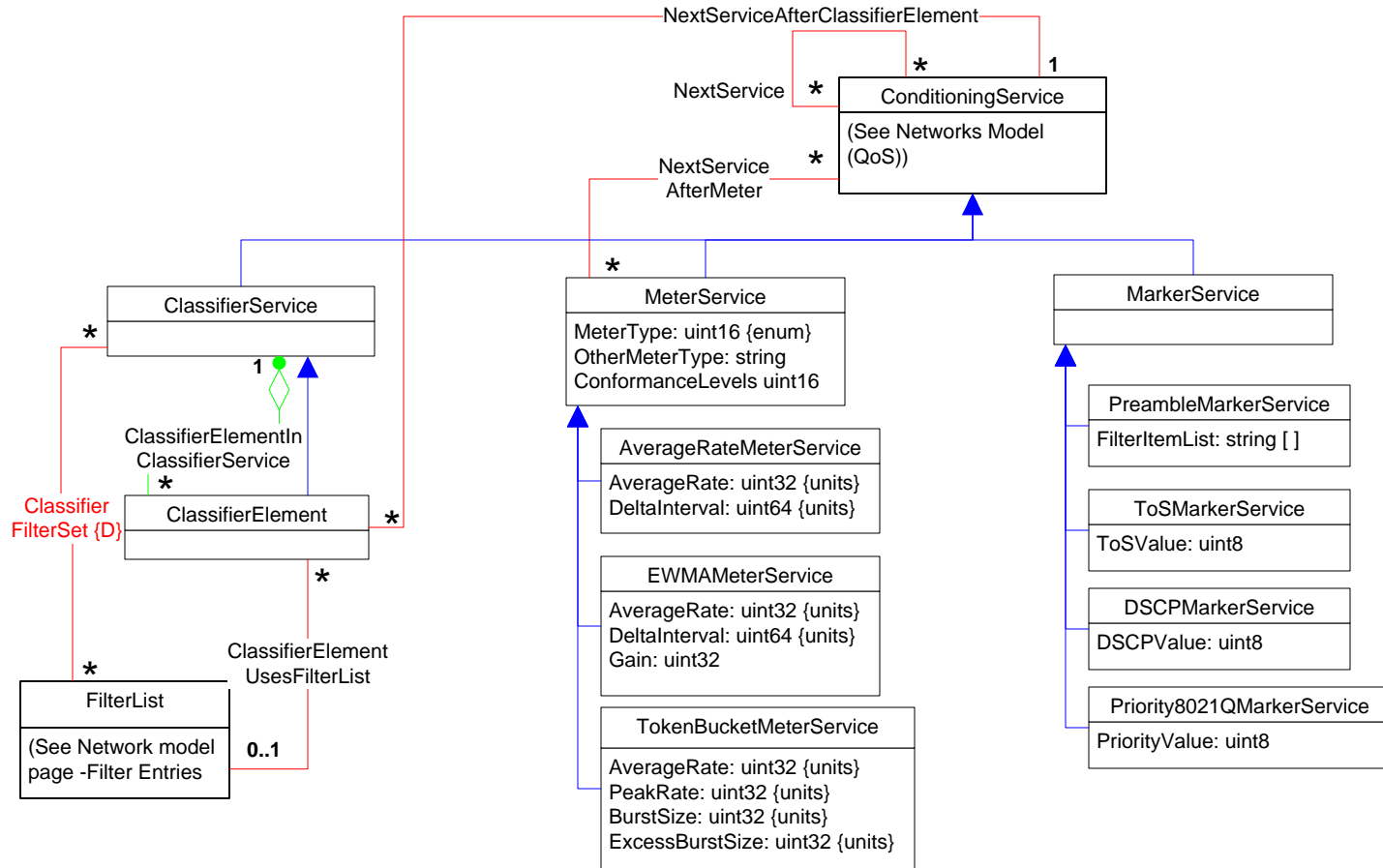
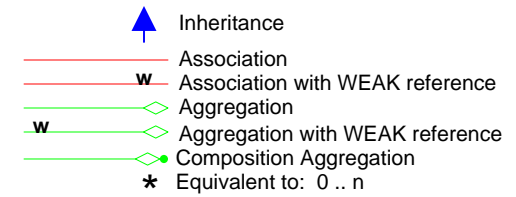


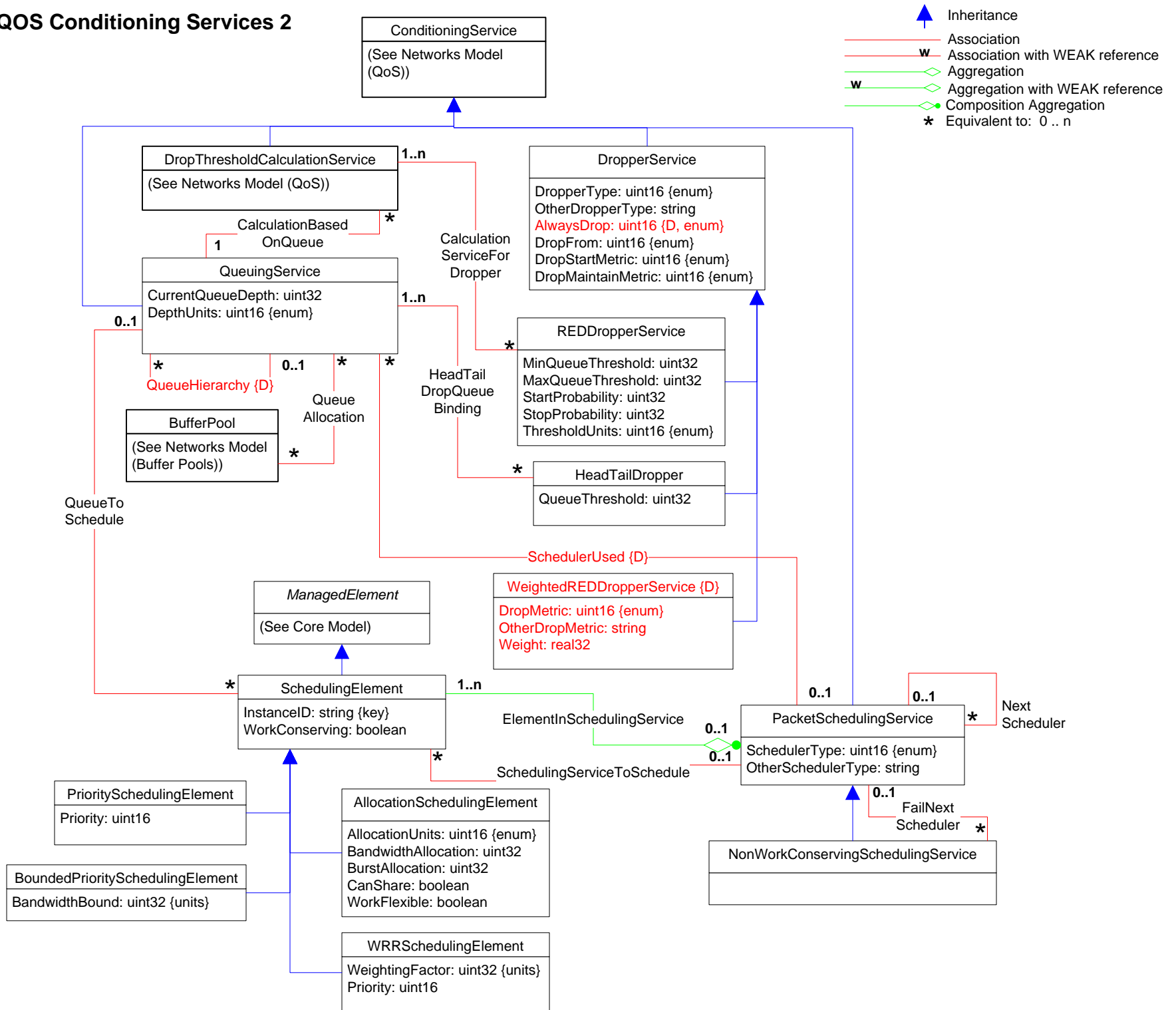


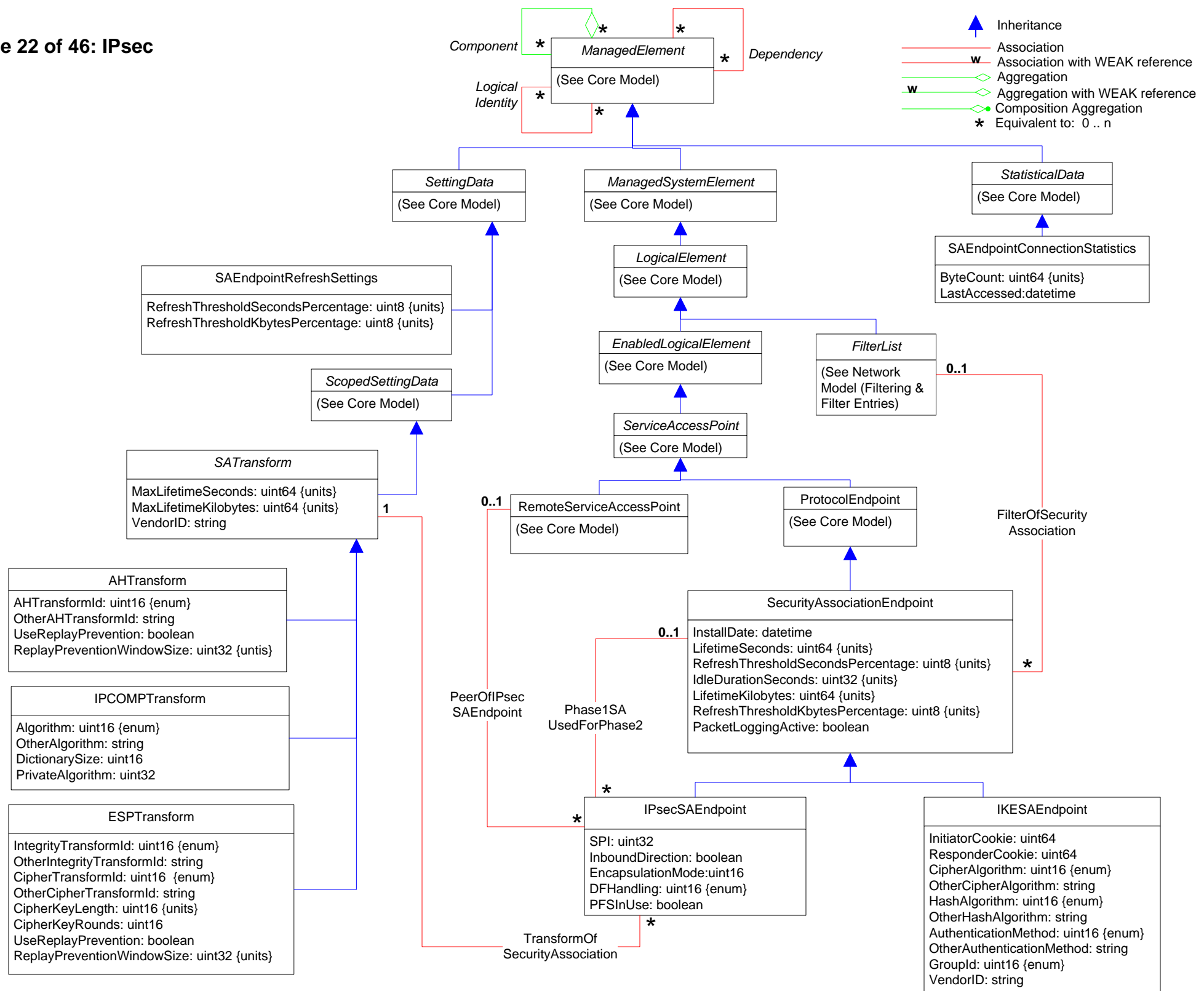


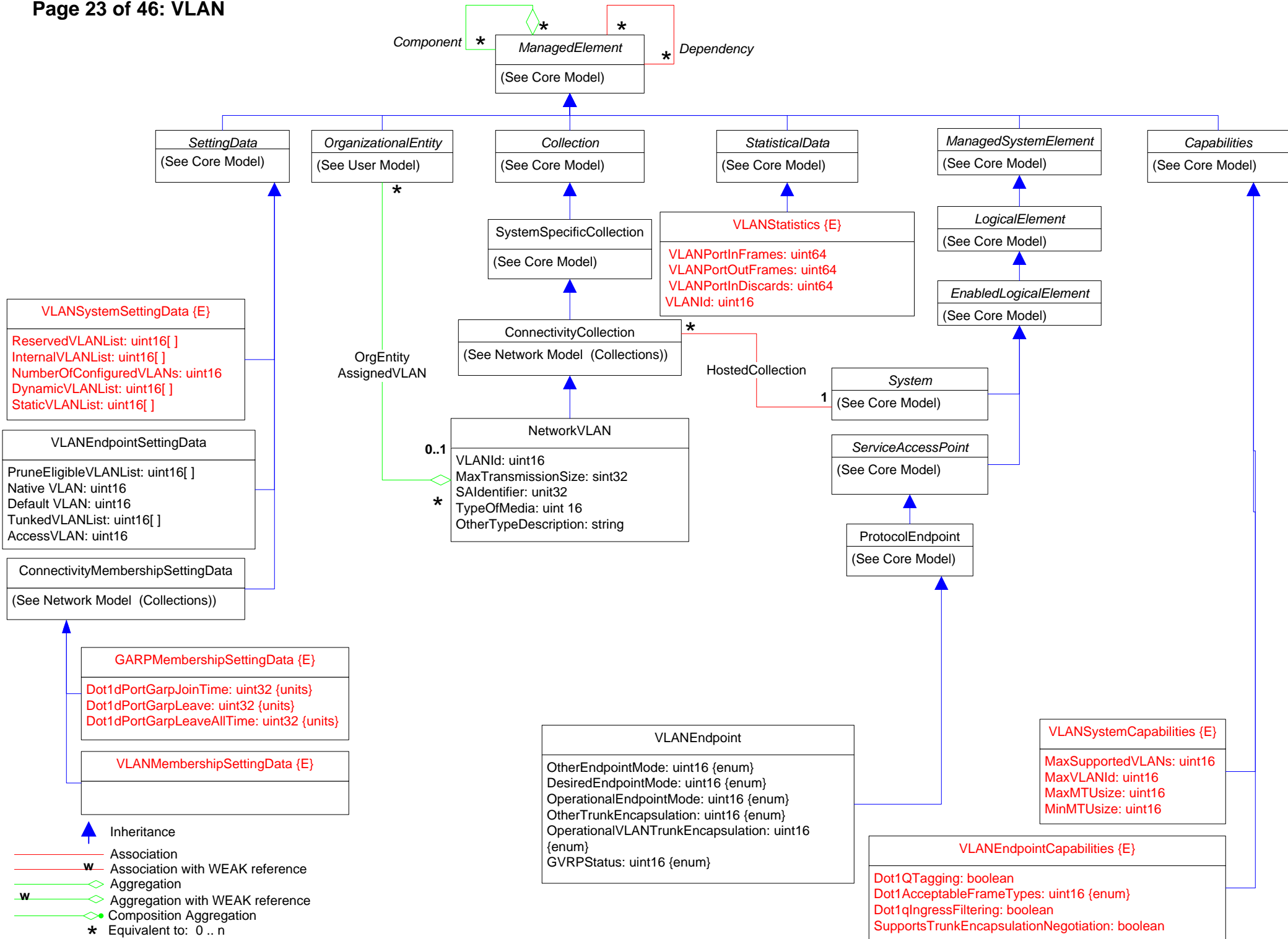
-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0..n



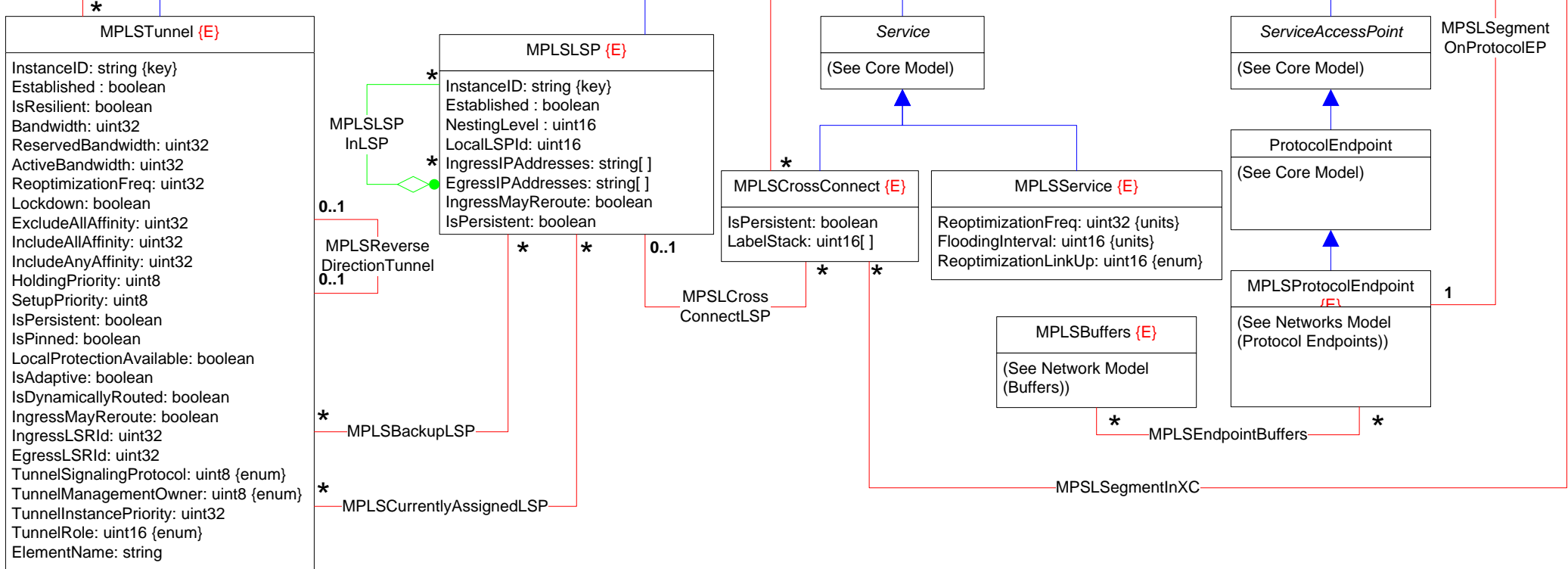
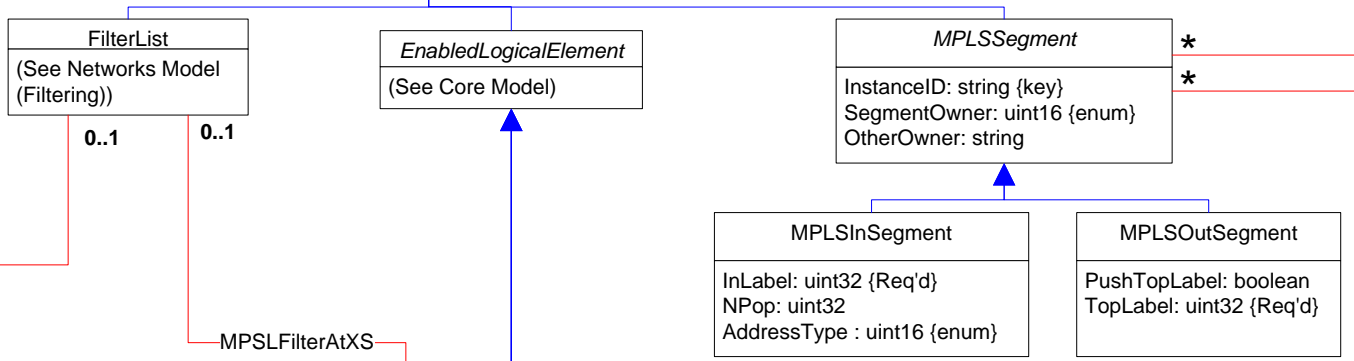
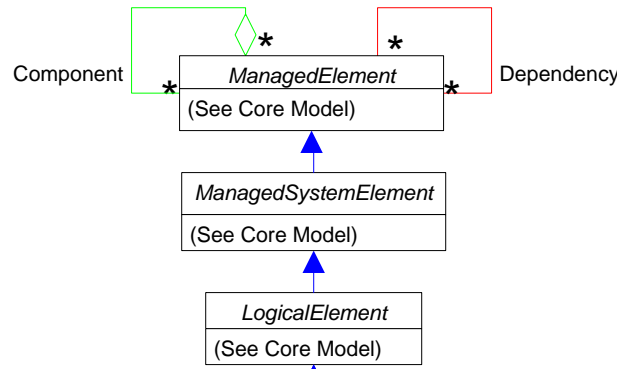


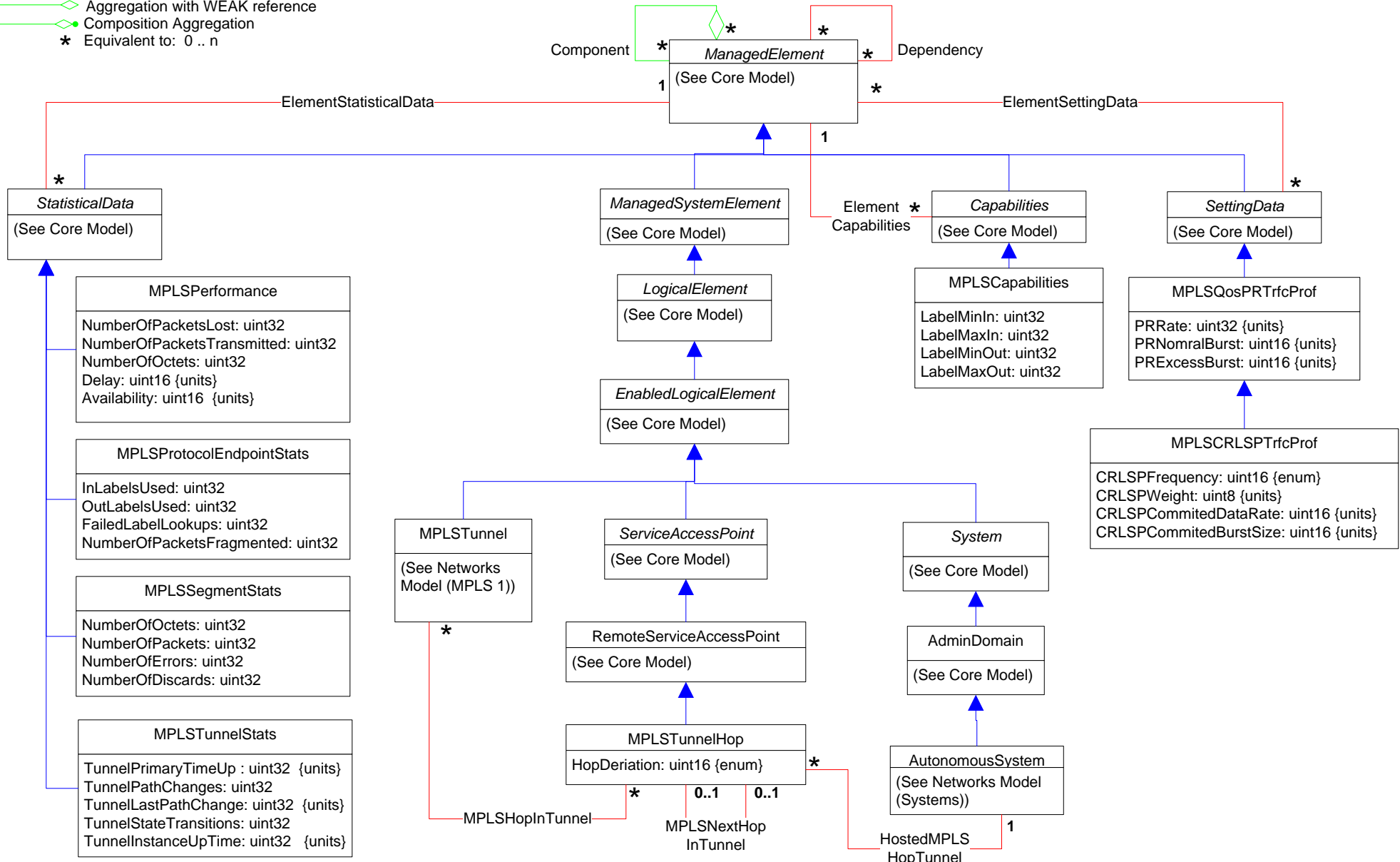
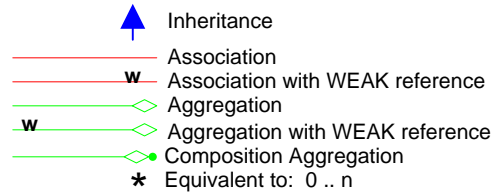


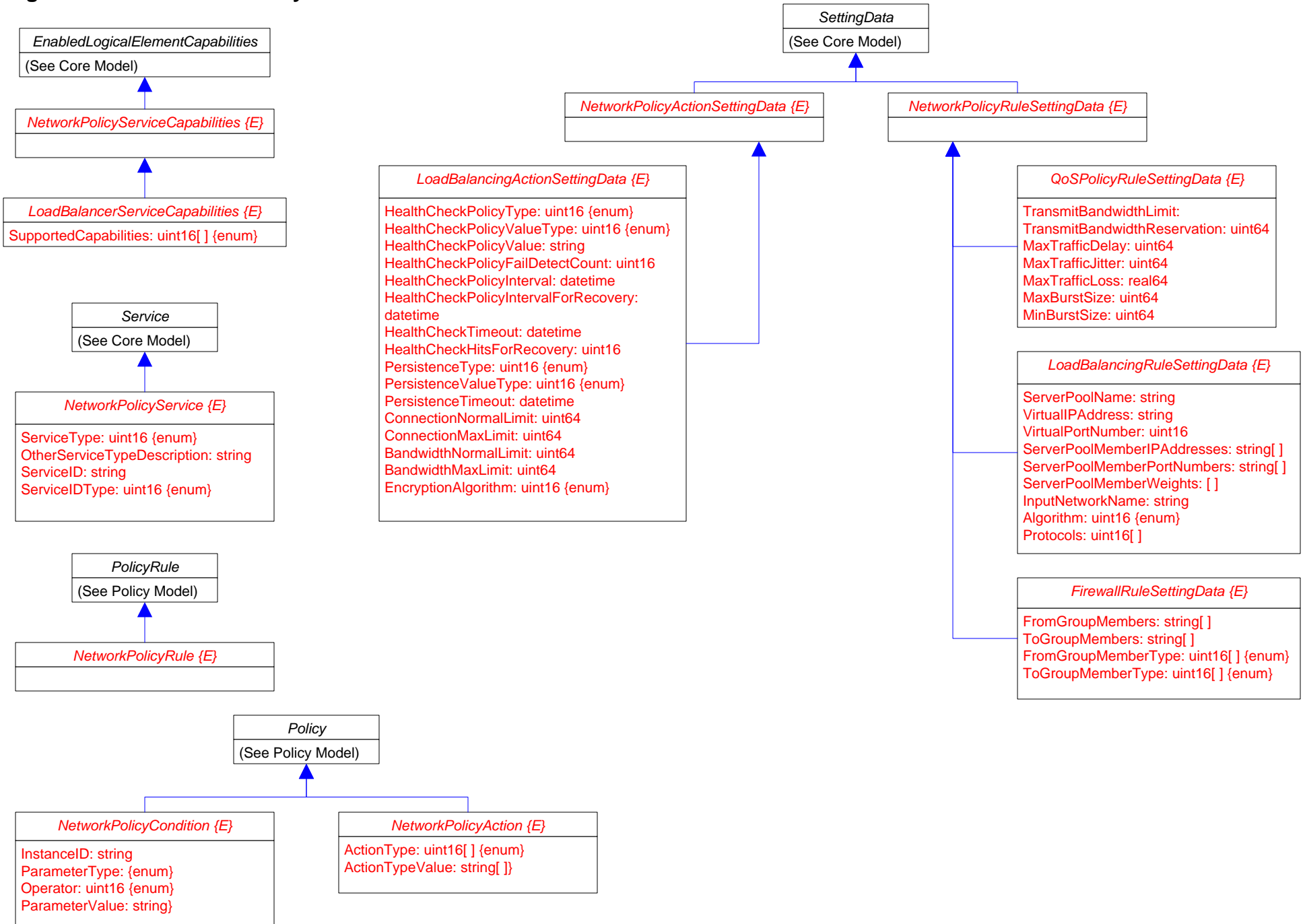











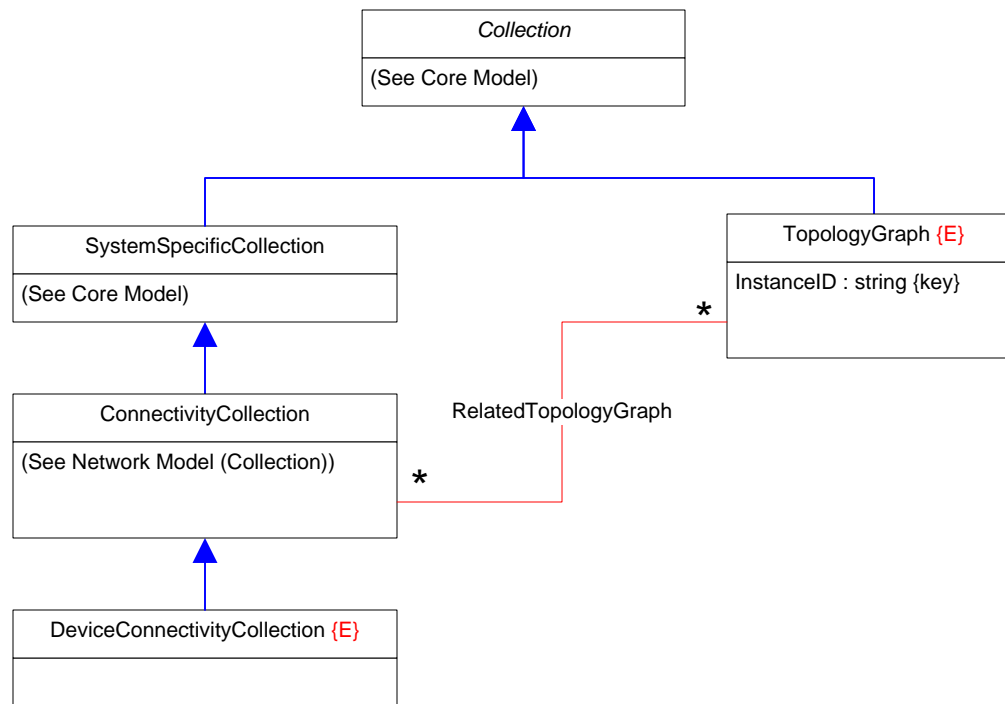
- Inheritance
- Association
- Association with WEAK reference
- Aggregation
- Aggregation with WEAK reference
- Composition Aggregation
- Equivalent to: 0..n

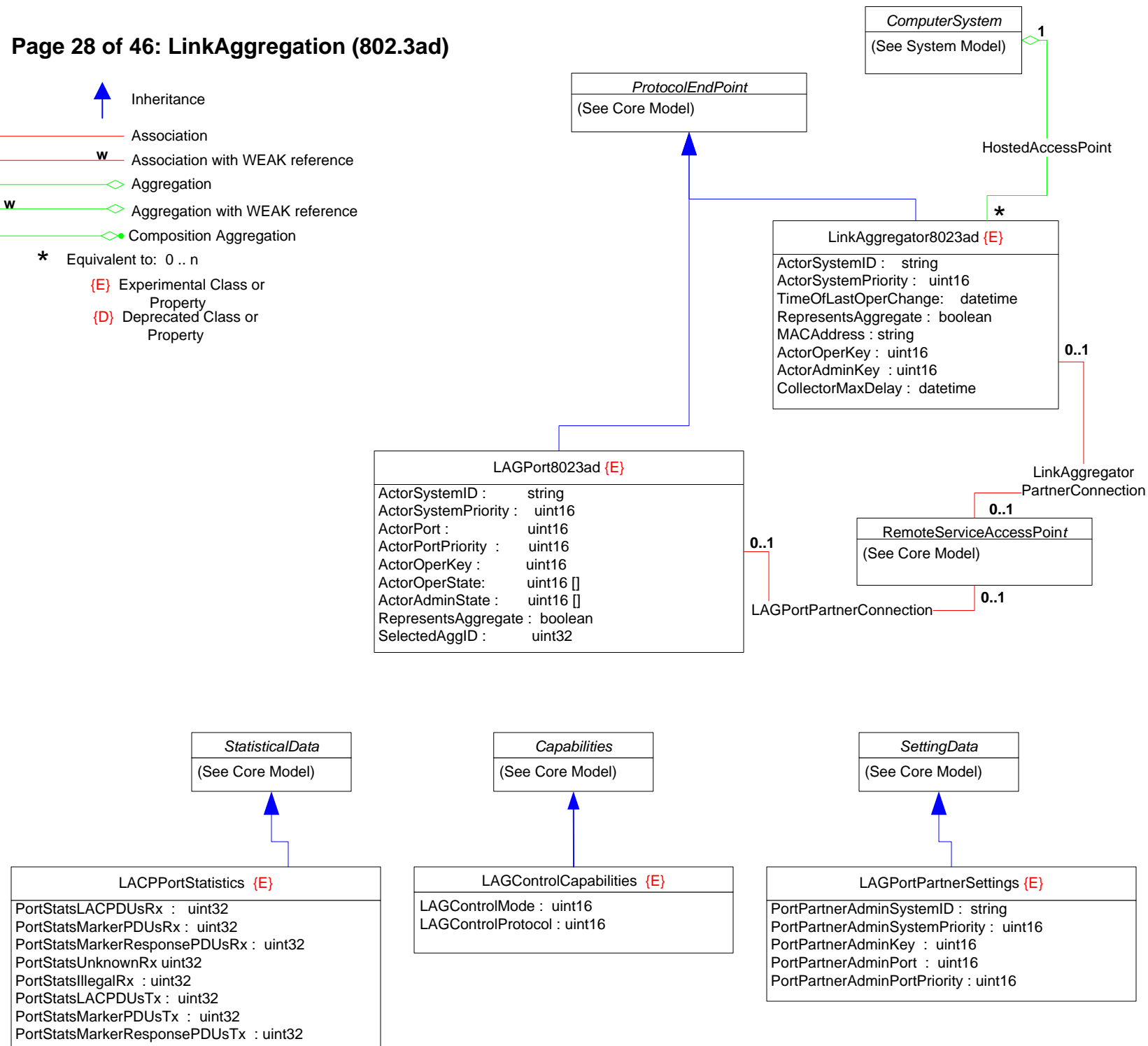
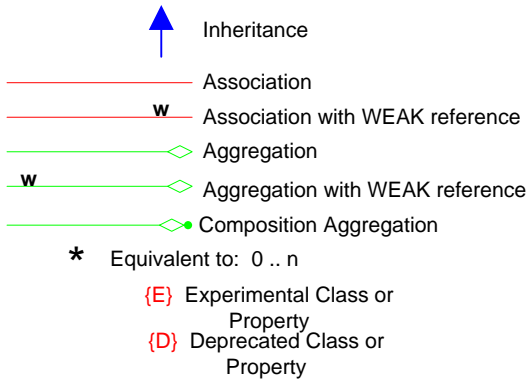




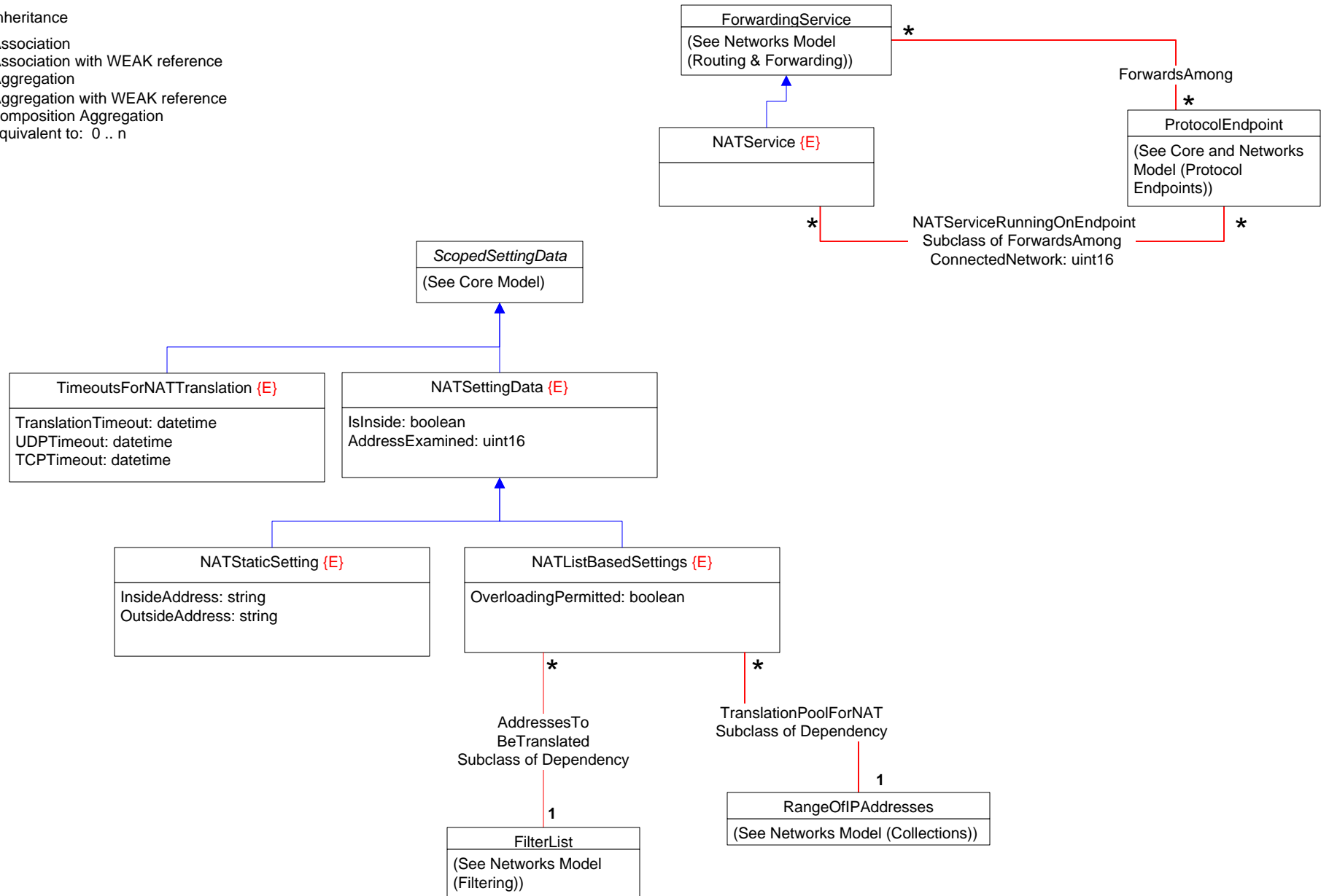
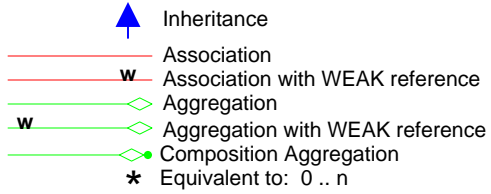


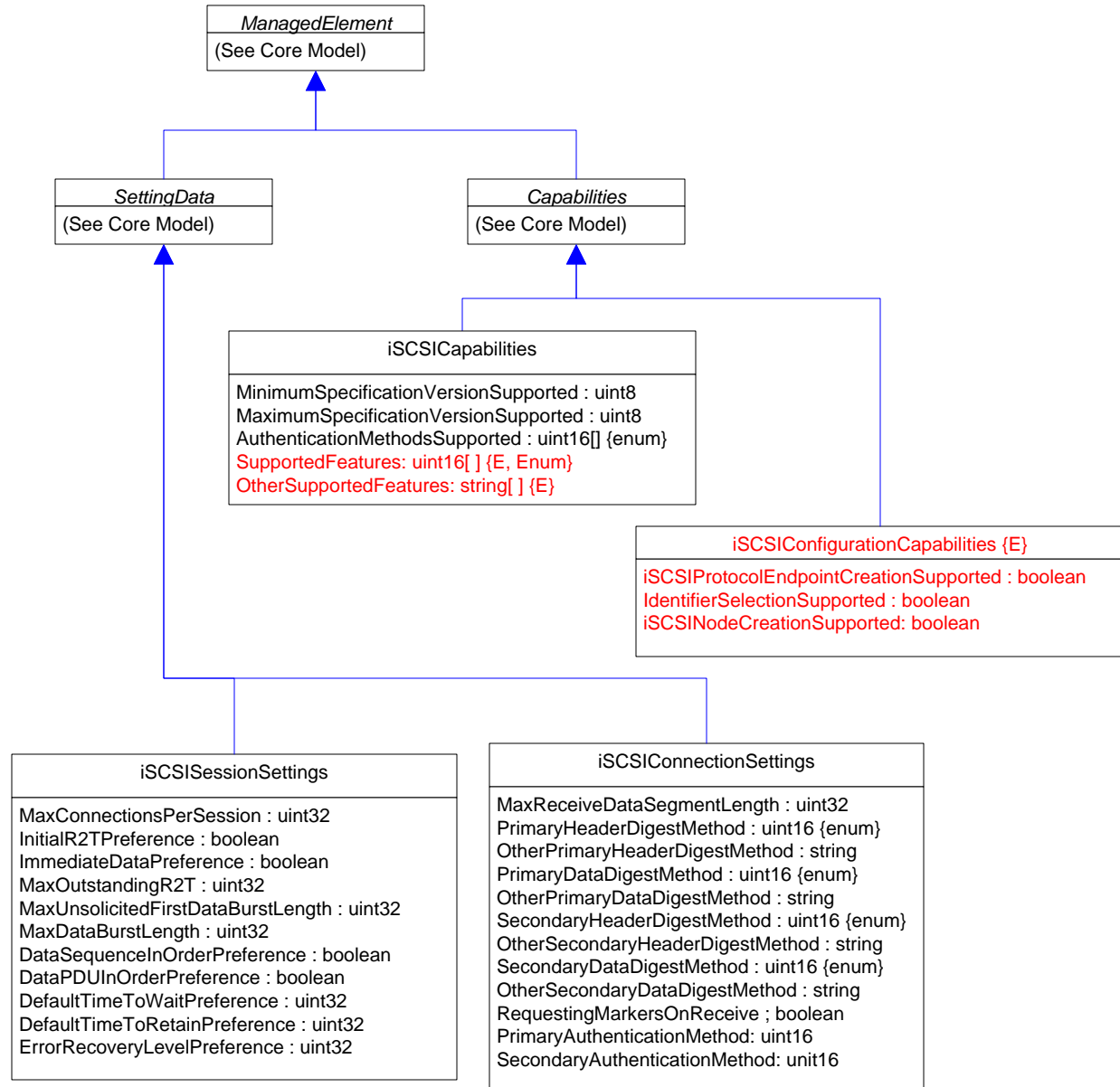
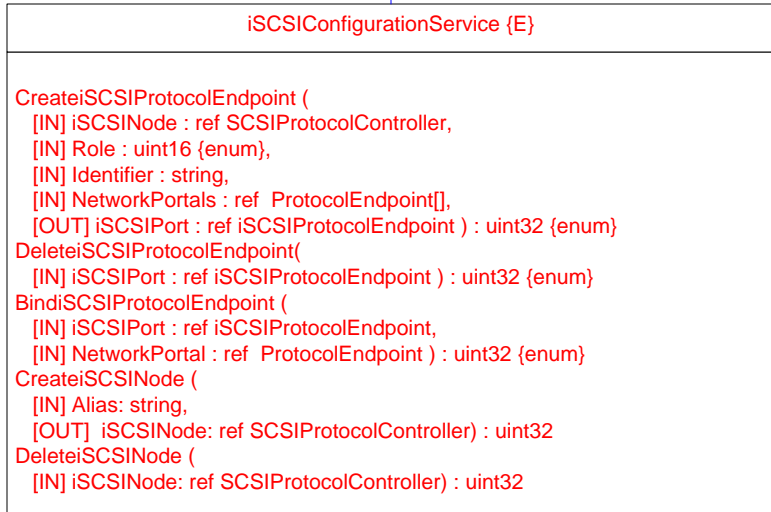
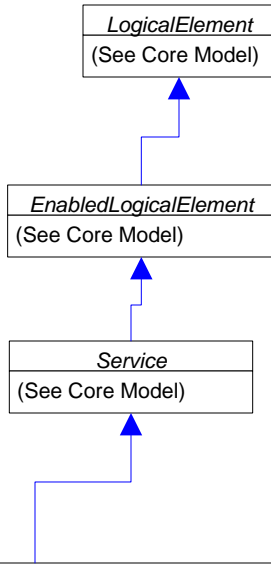
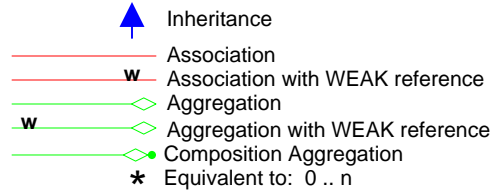
-  Inheritance
-  Association
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-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0 .. n

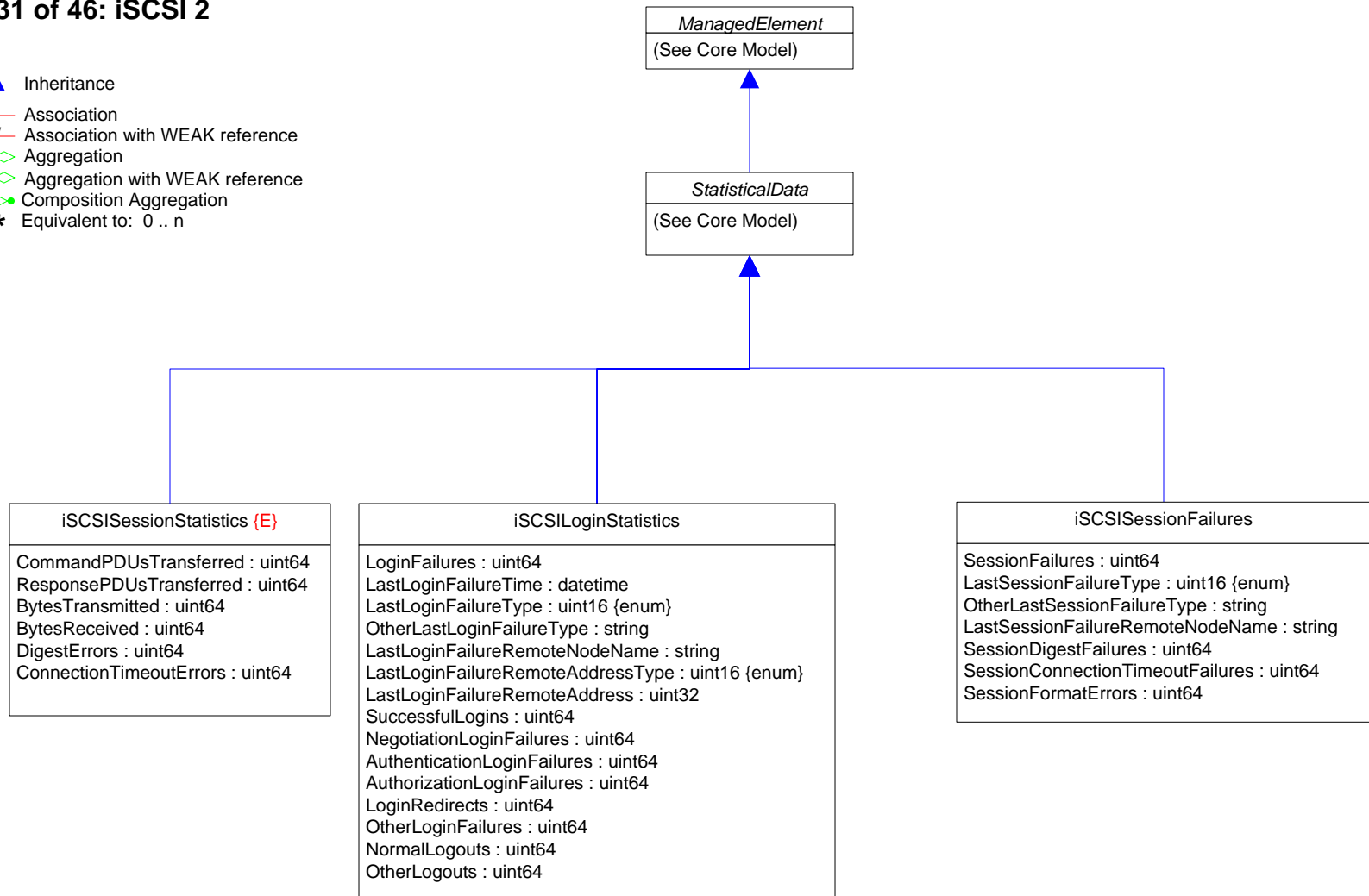
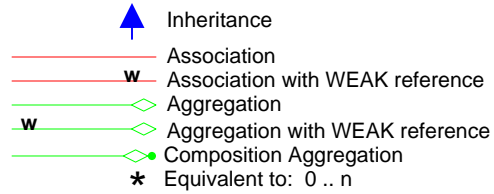











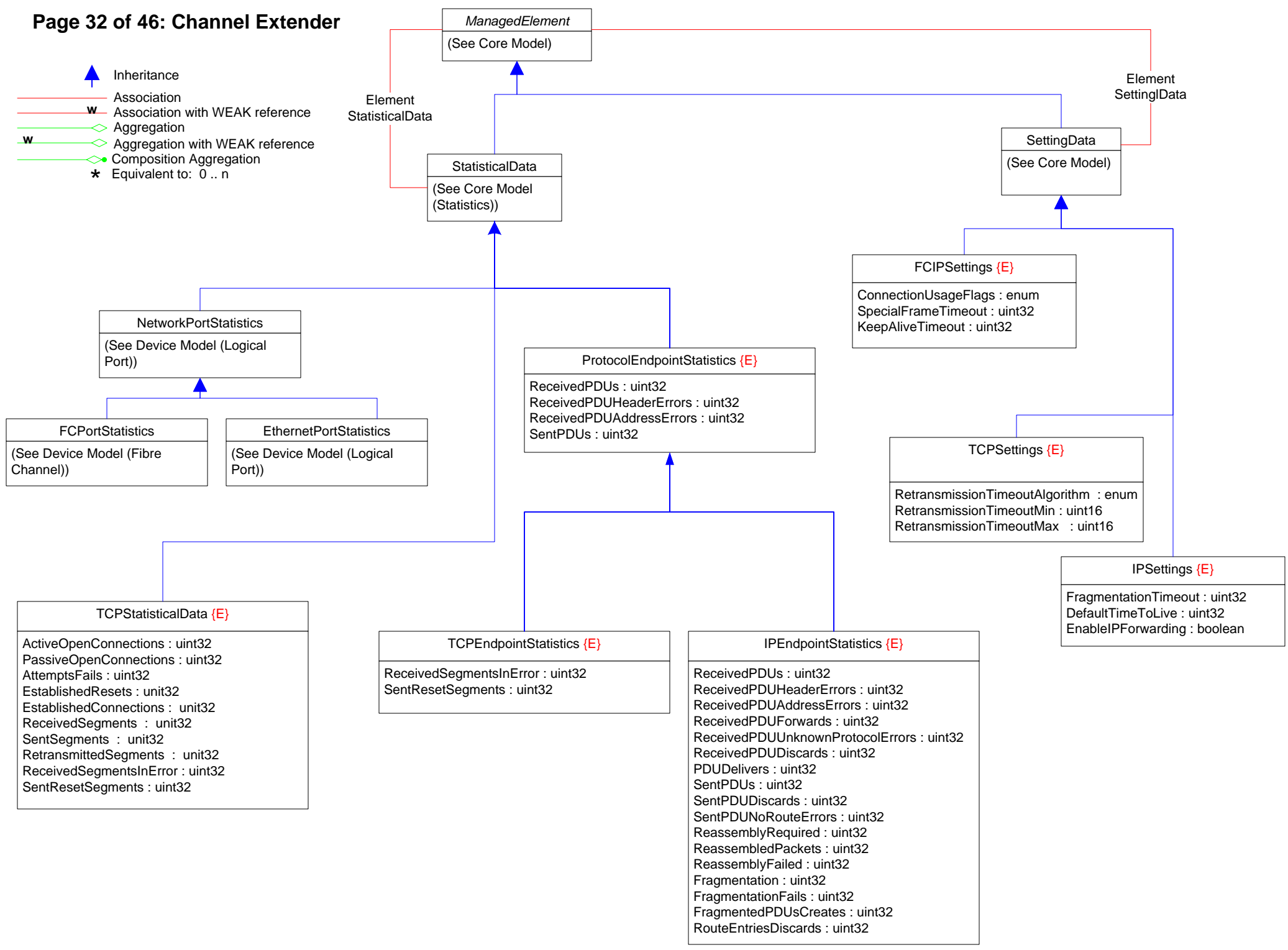
Page 25 : Network Address Translation (NAT)

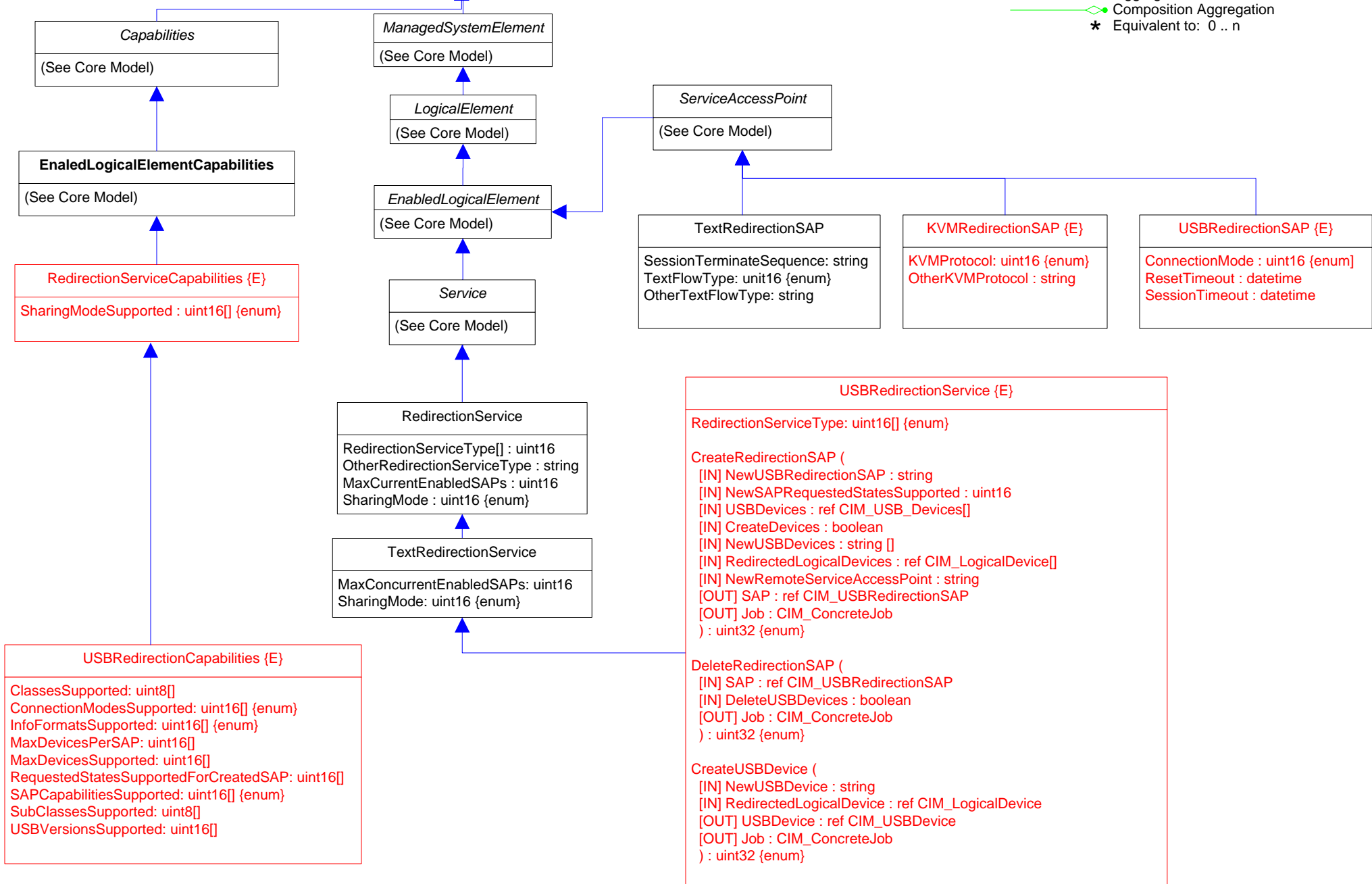
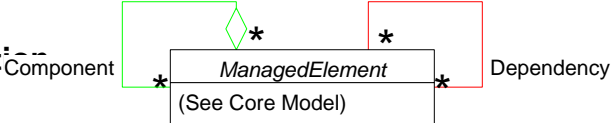


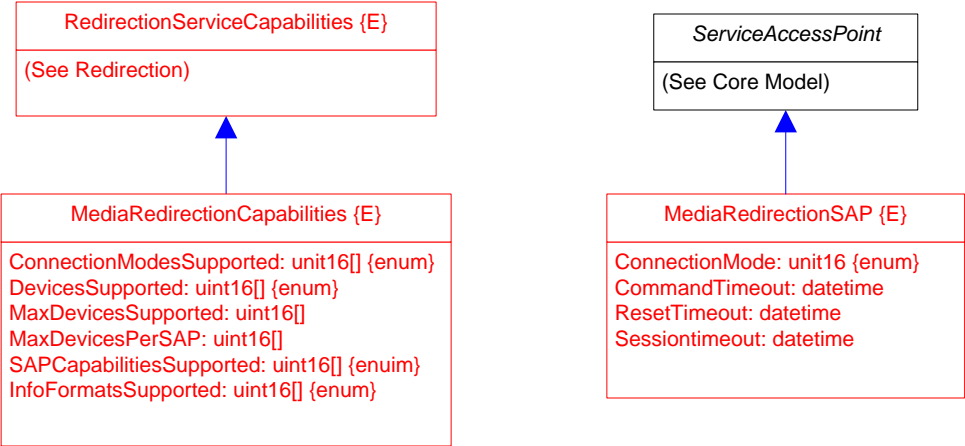
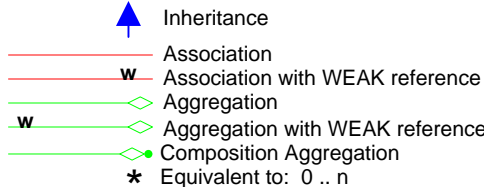











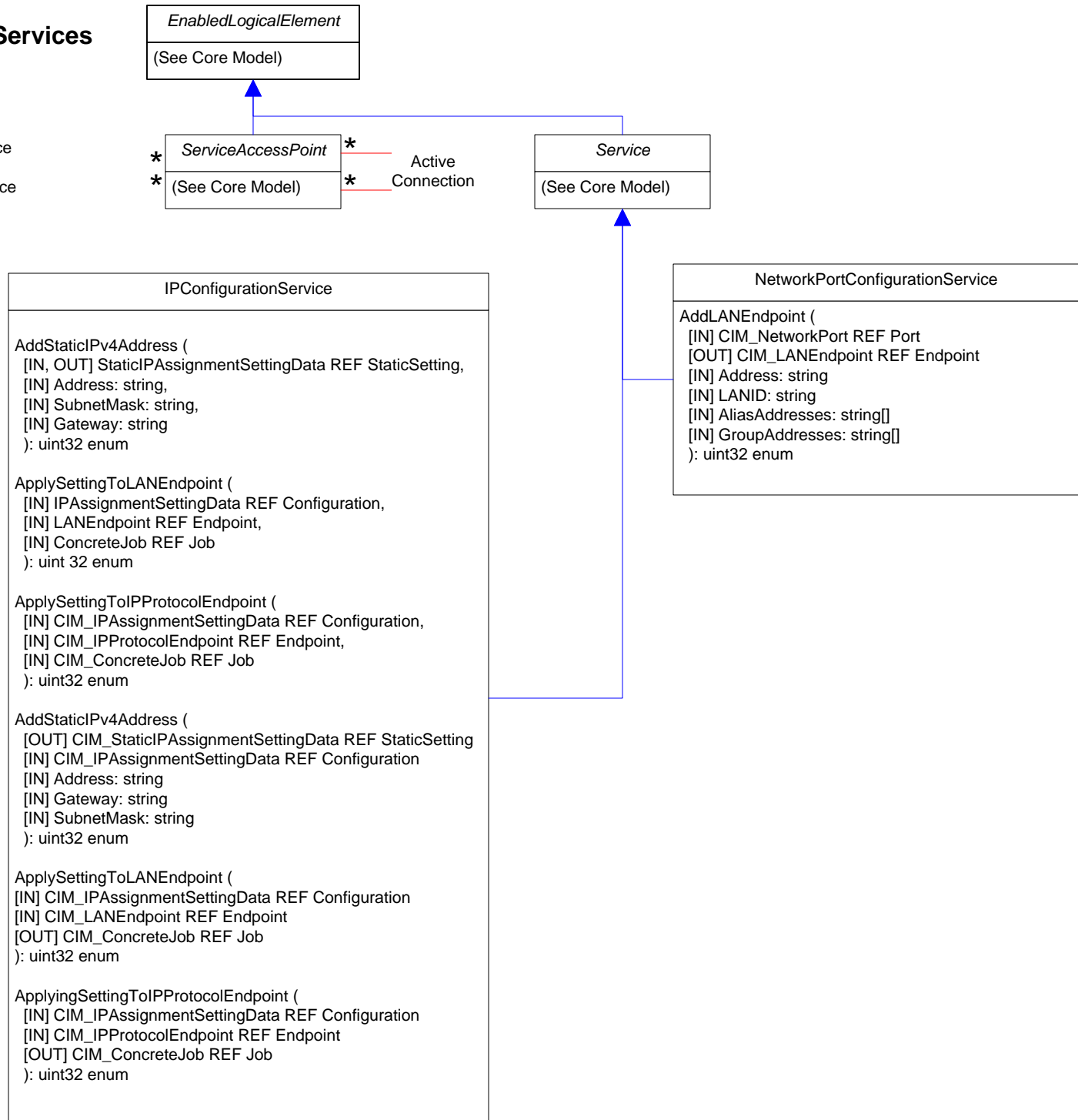
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-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0 .. n

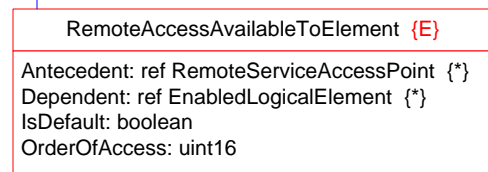
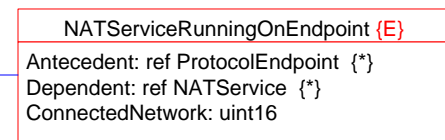
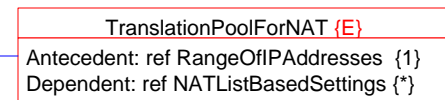
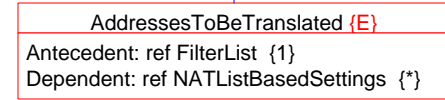
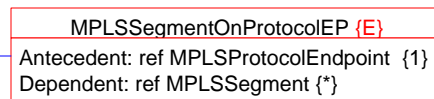
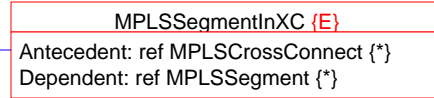
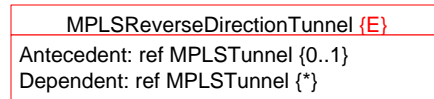
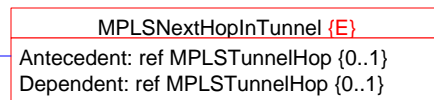
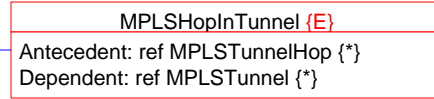
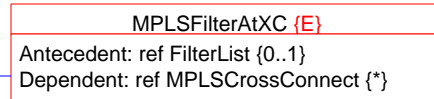
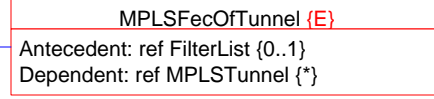
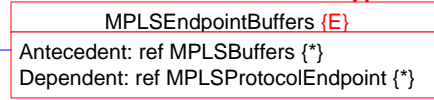
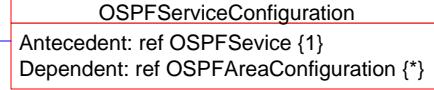
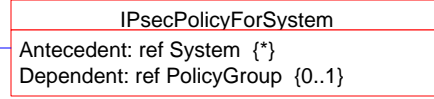
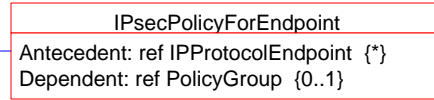
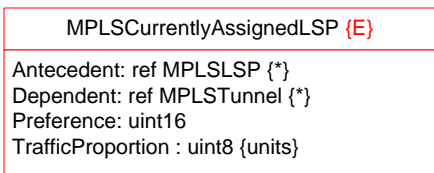
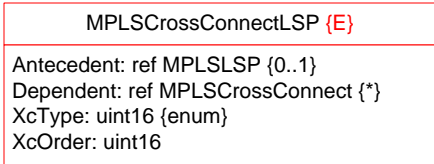
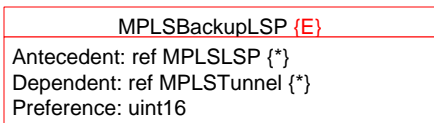
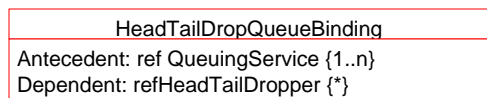
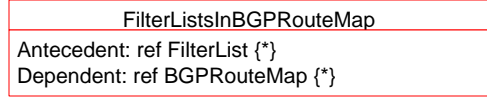
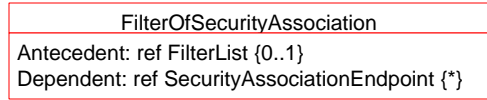
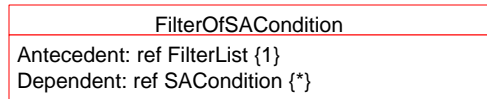
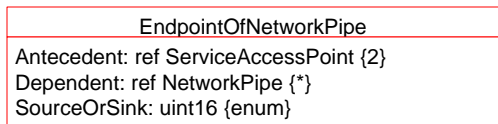
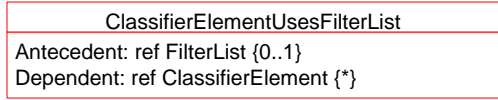
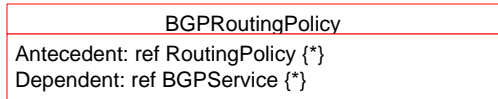
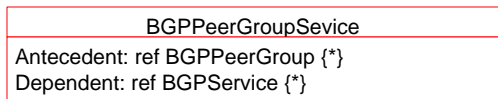
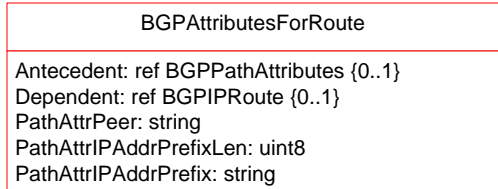
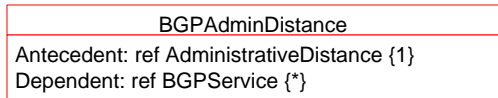
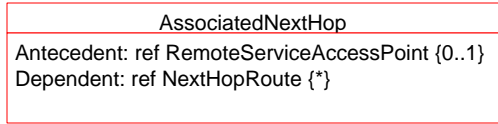
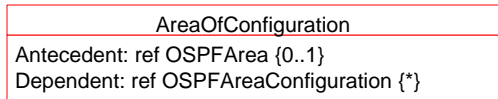
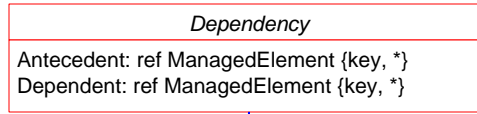


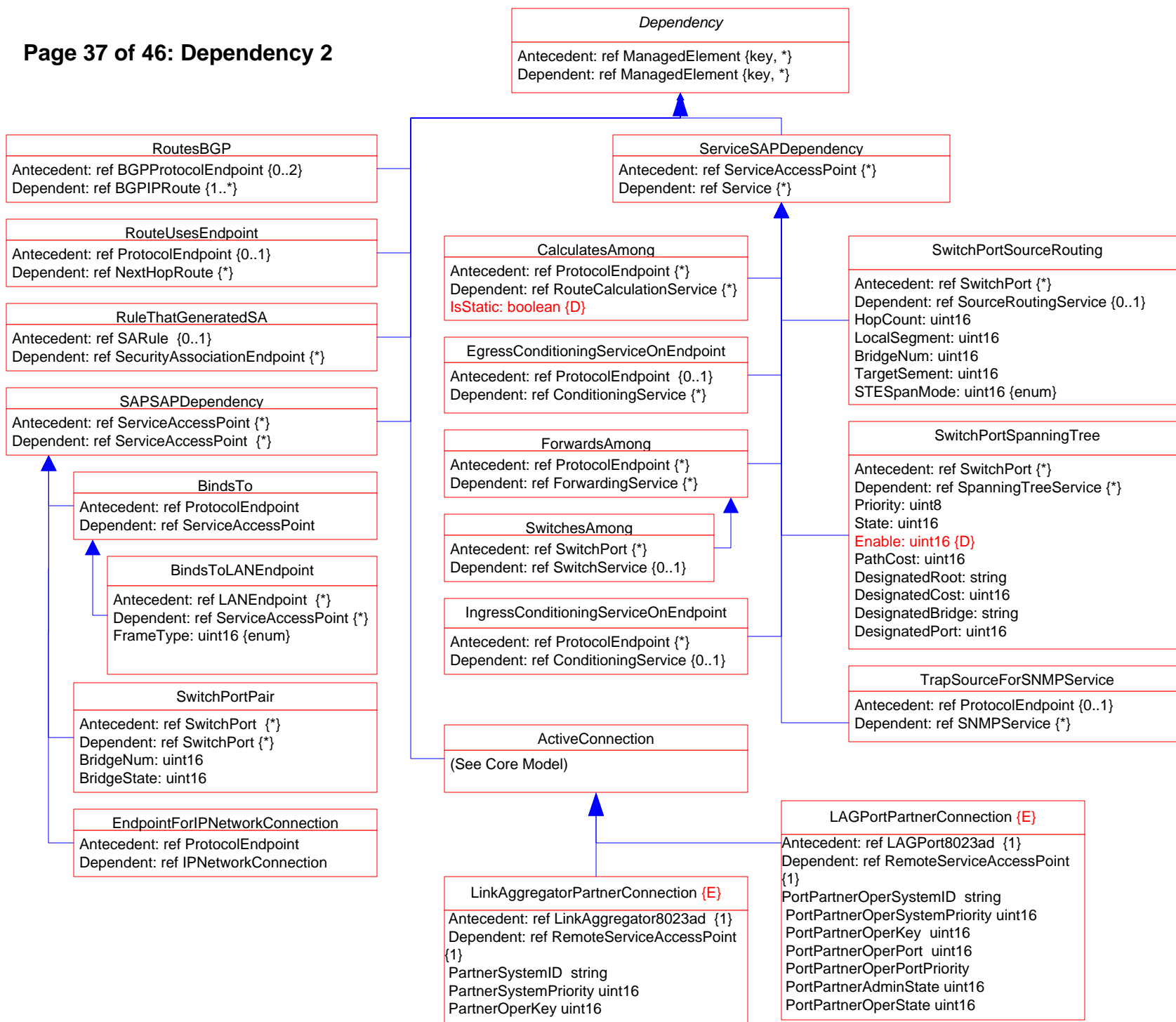


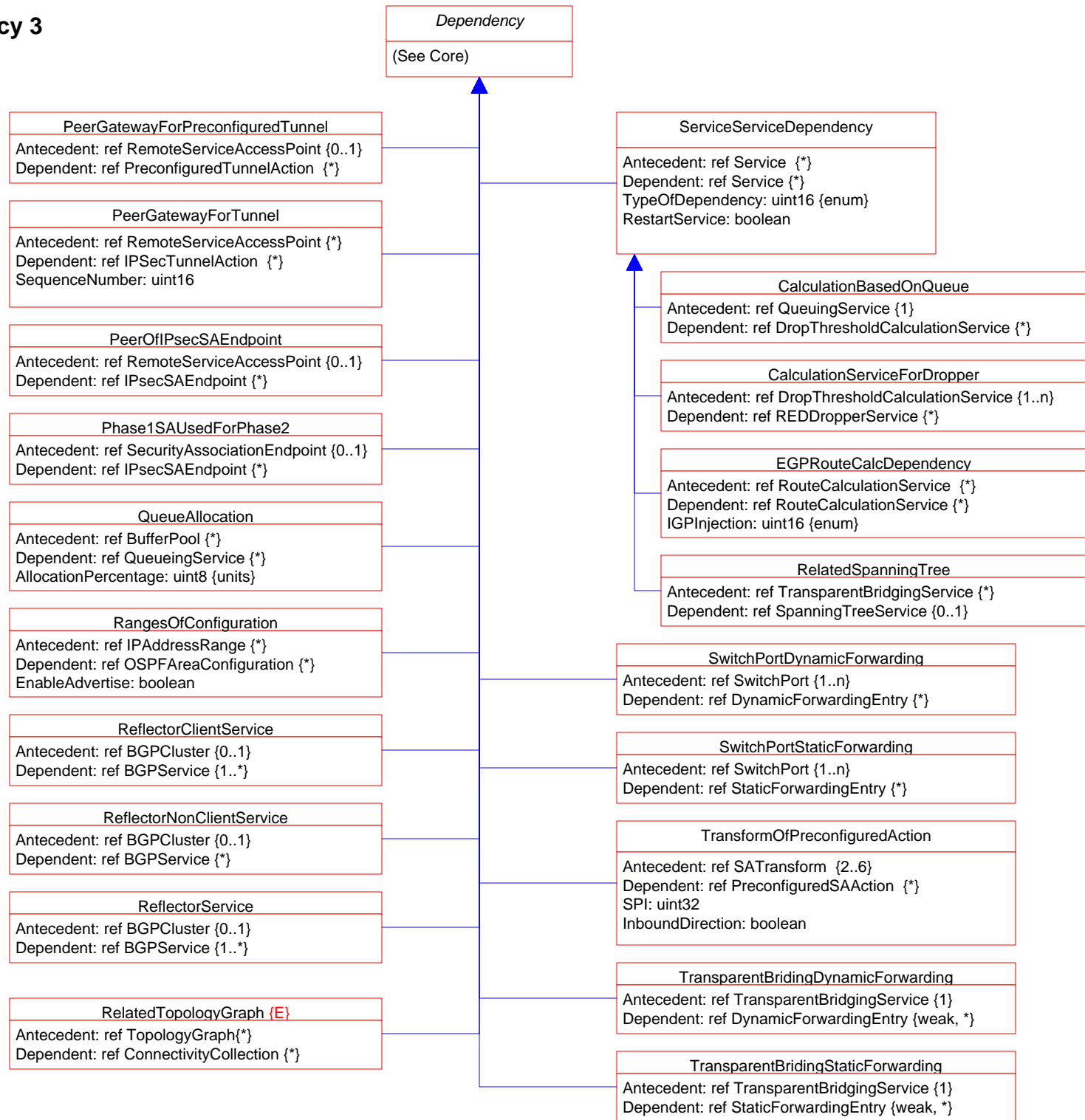


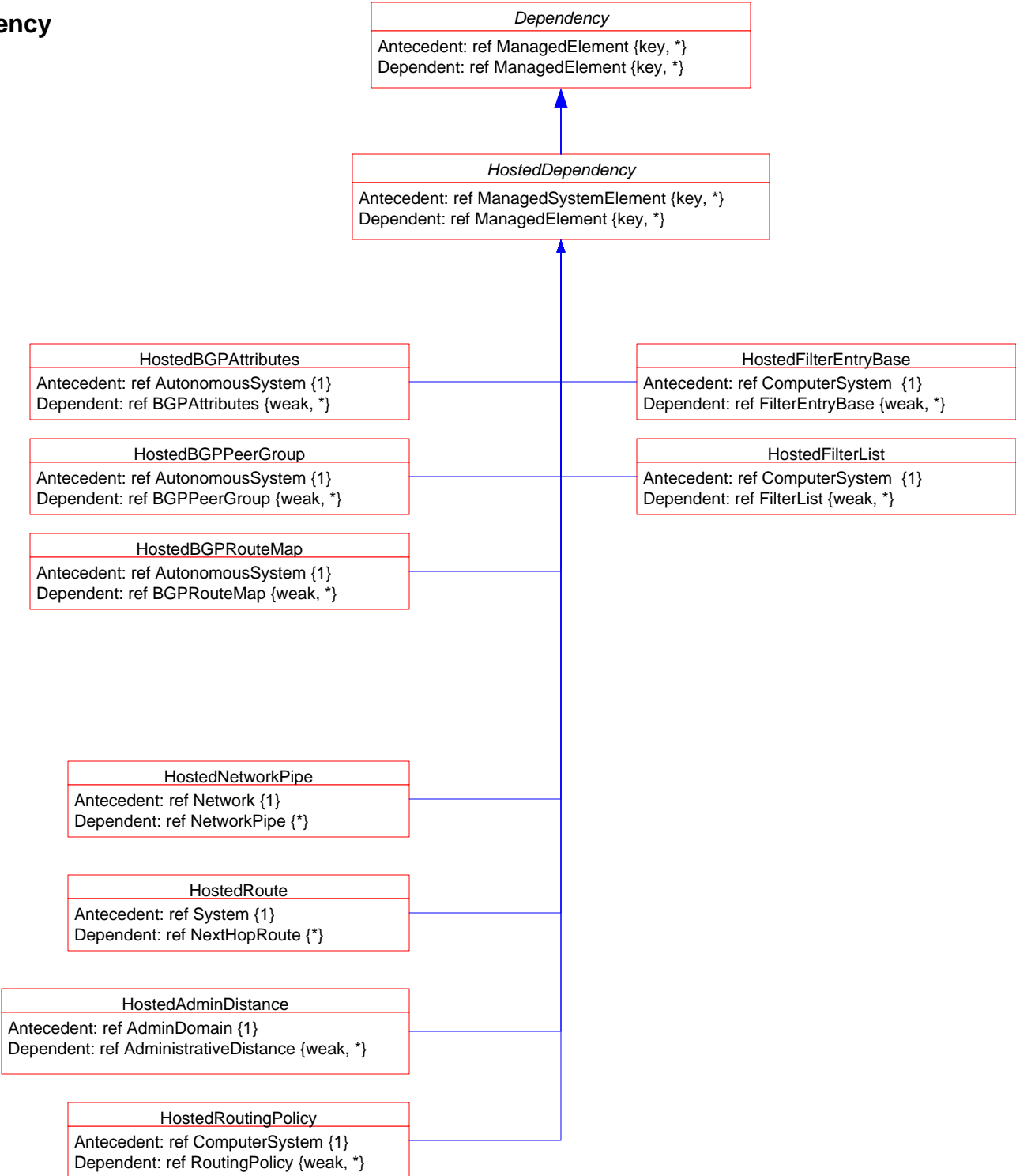
-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0 .. n



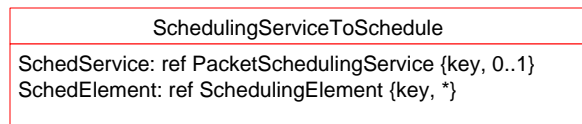
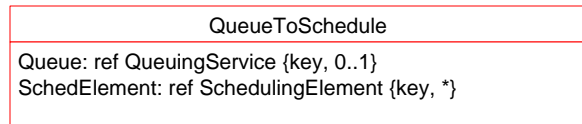
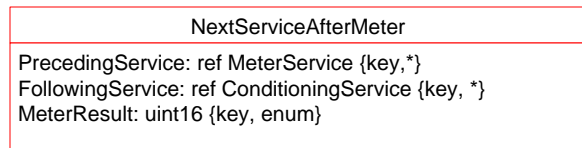
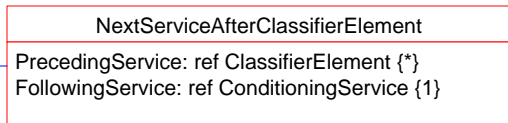
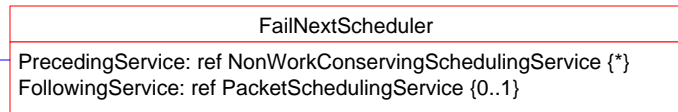
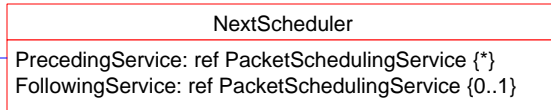
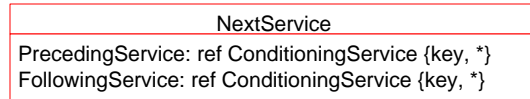
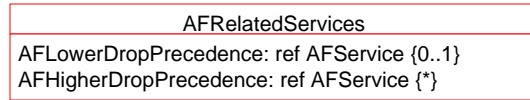
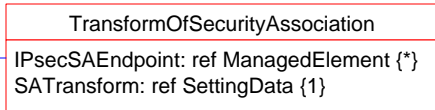
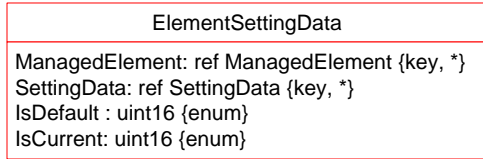
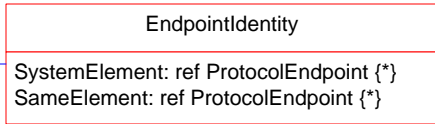
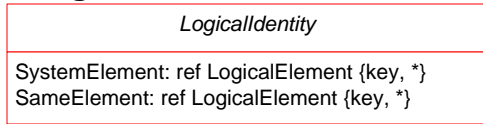




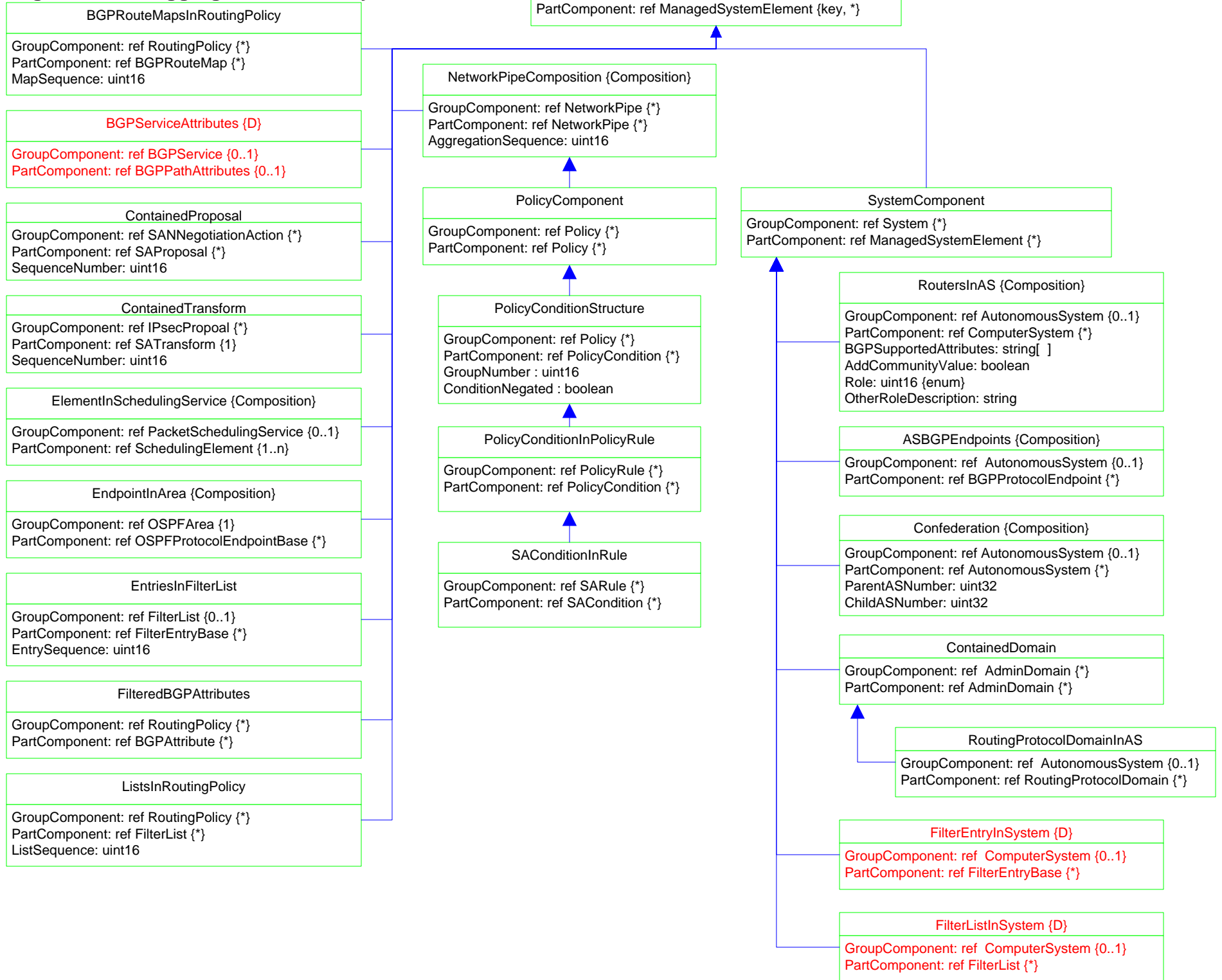


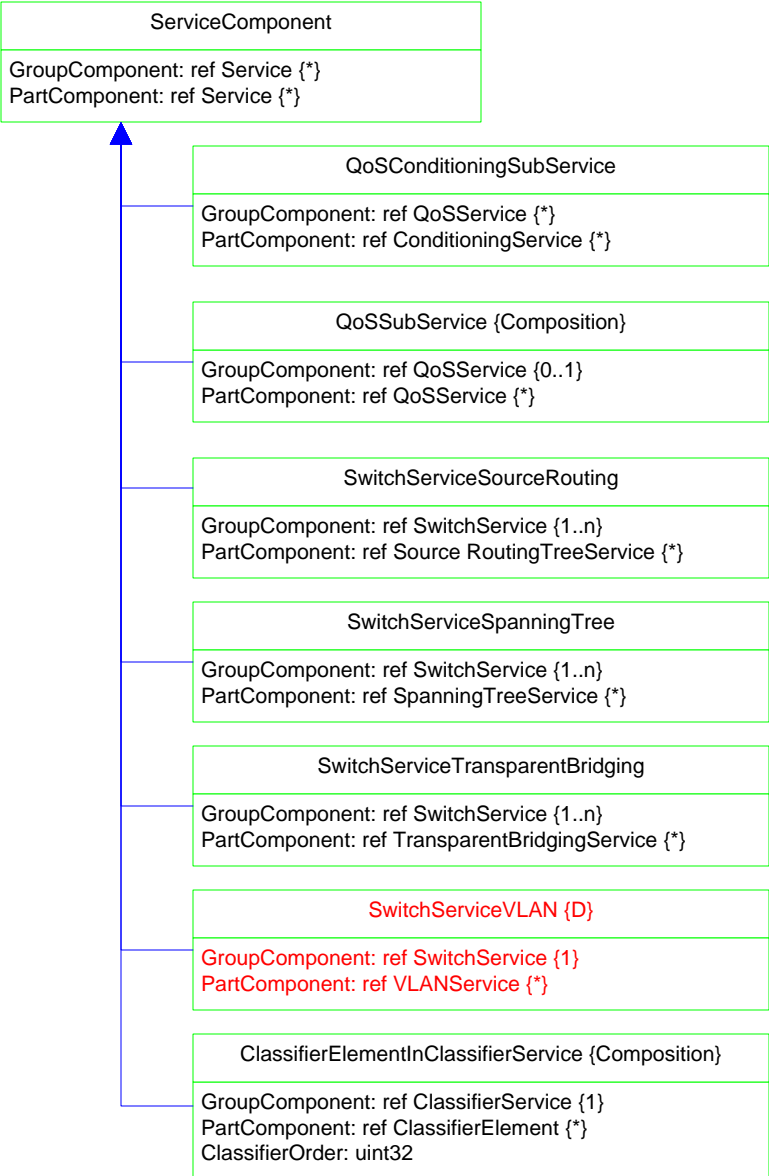


Page 40 of 46: Association Hierarchy



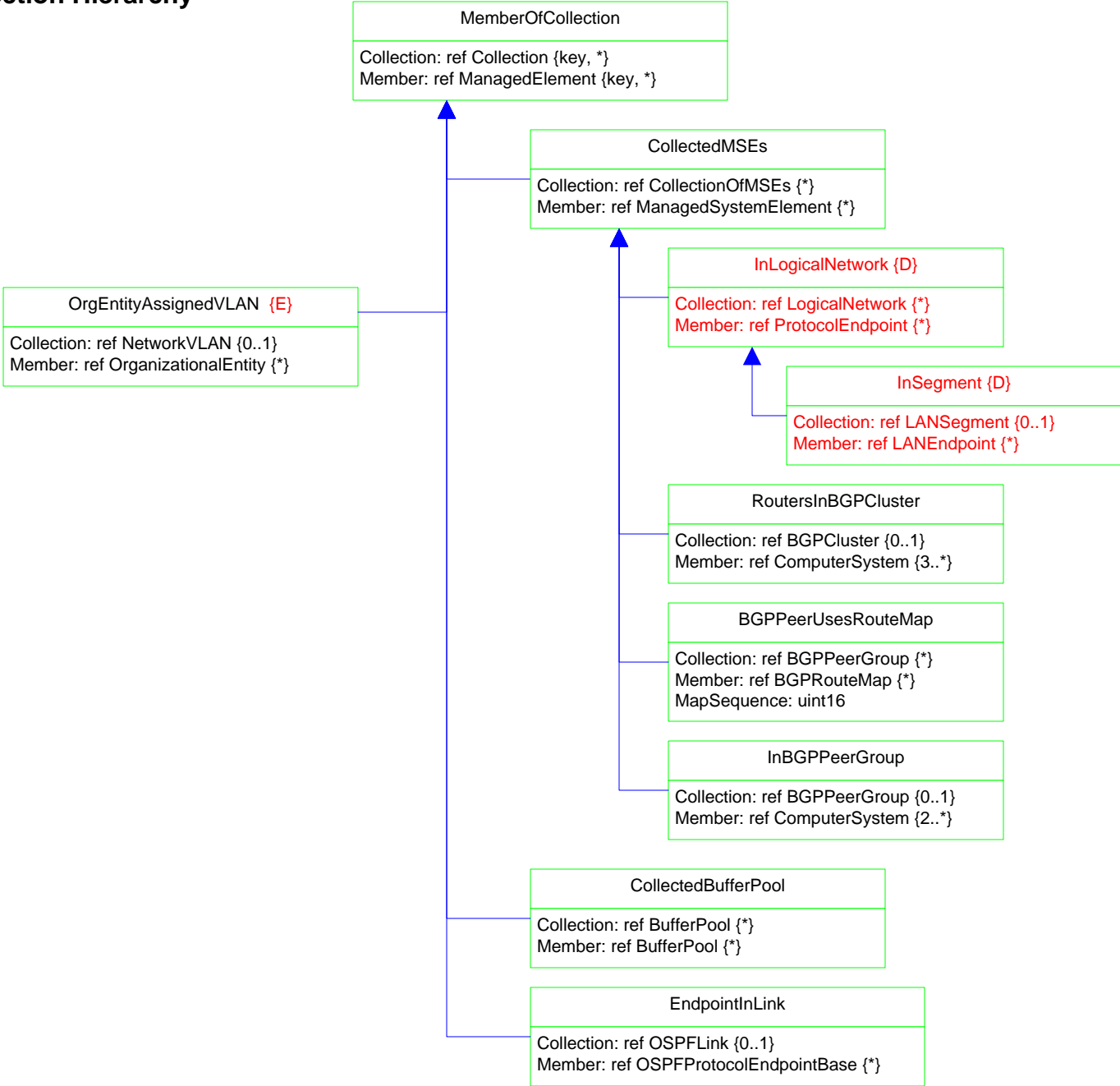
Page 41 of 46: Aggregation Hierarchy 1





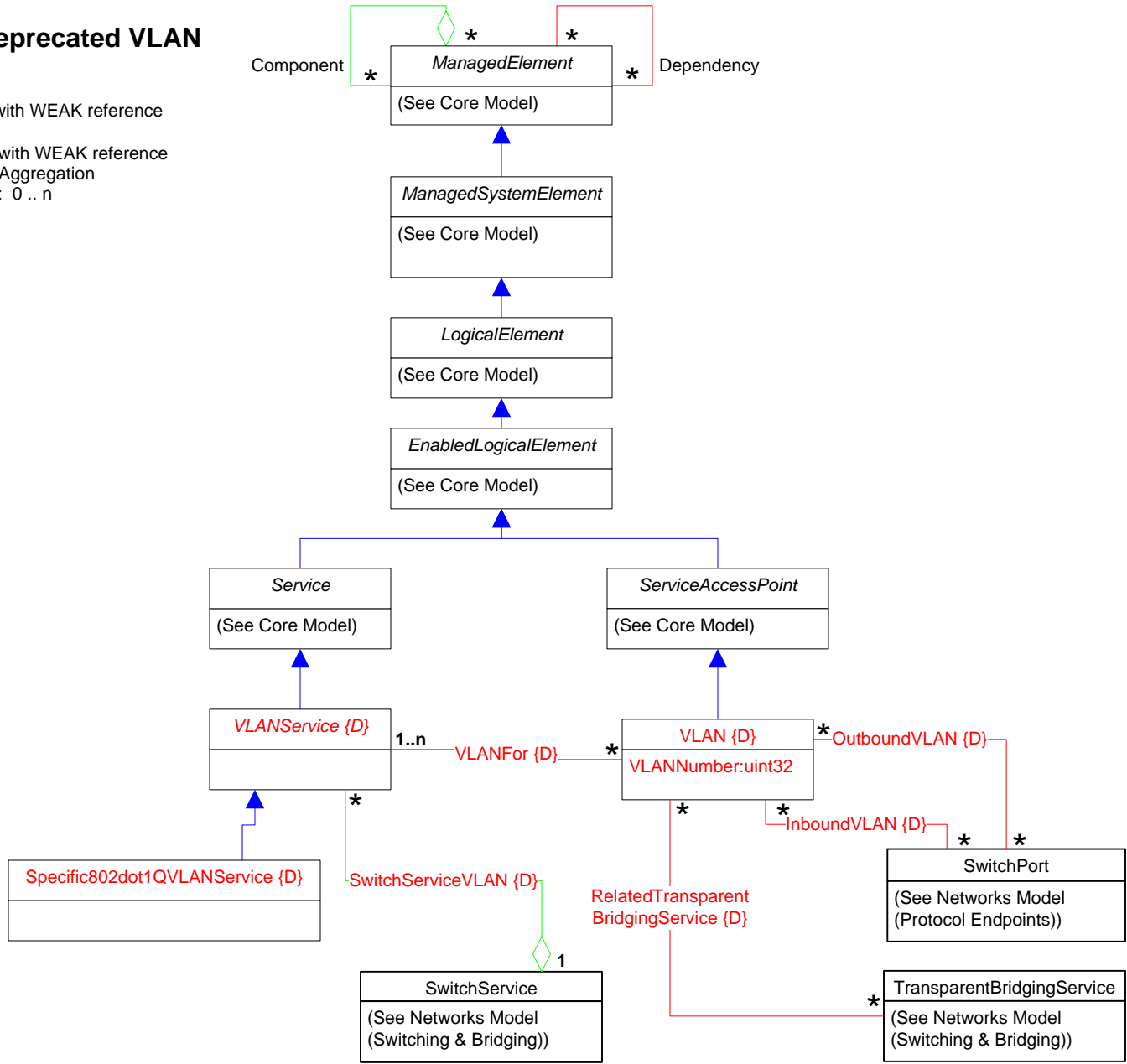
BGPClustersInAS {Composition}
GroupAS: ref AutonomousSystem {key, 0..1}
PartAS: ref BGPCluster {key, *}

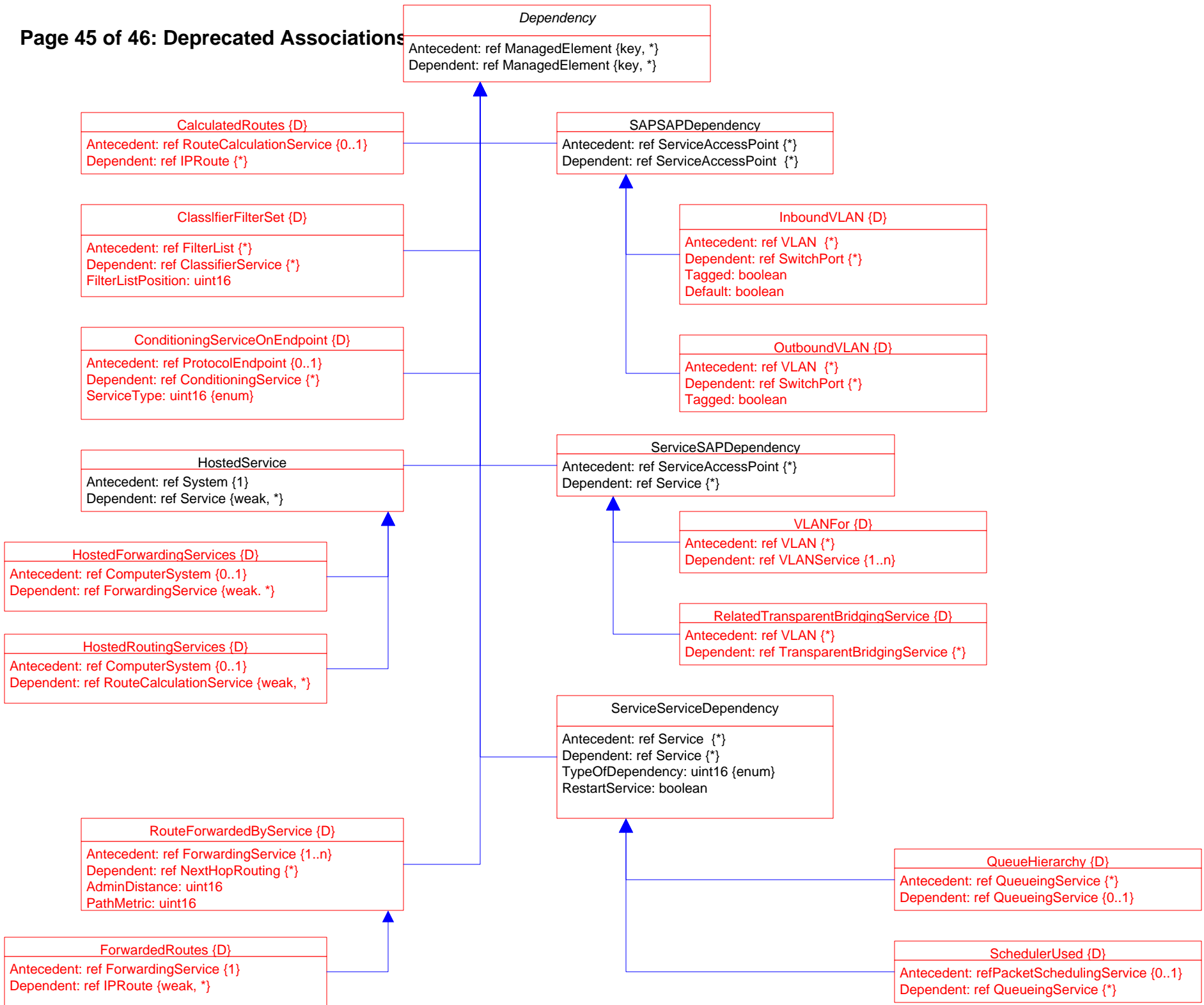
Page 43 of 46: MemberOfCollection Hierarchy



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

