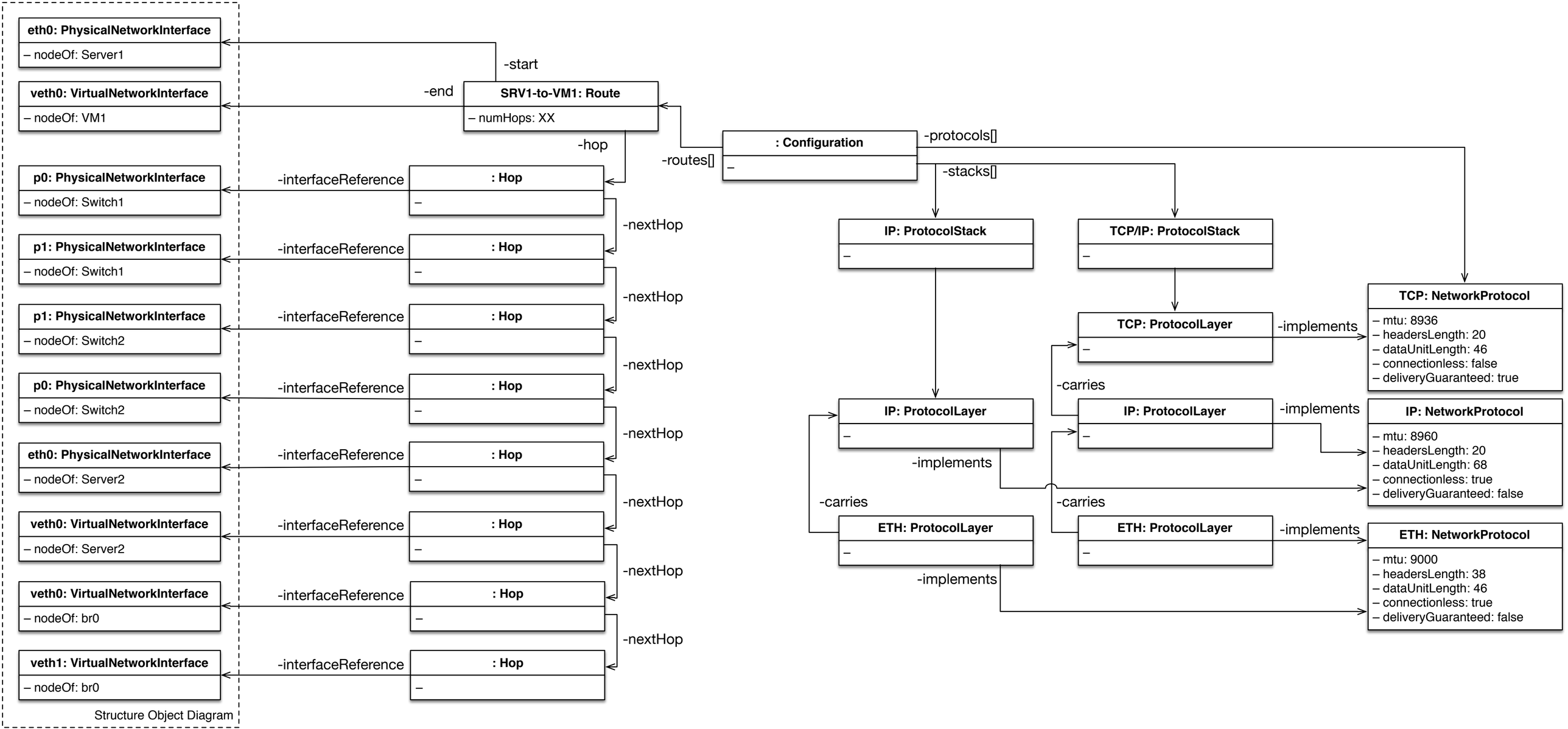
eth0: PhysicalNetworkInterface
– nodeOf: Server1
veth0: VirtualNetworkInterface
– nodeOf: VM1
p0: PhysicalNetworkInterface
– nodeOf: Switch1
p1: PhysicalNetworkInterface
– nodeOf: Switch1
p1: PhysicalNetworkInterface
– nodeOf: Switch2
p0: PhysicalNetworkInterface
– nodeOf: Switch2
eth0: PhysicalNetworkInterface
– nodeOf: Server2
veth0: VirtualNetworkInterface
– nodeOf: Server2
veth0: VirtualNetworkInterface
– nodeOf: br0
veth1: VirtualNetworkInterface
– nodeOf: br0
Structure Object Diagram
-start
-end
SRV1-to-VM1: Route
– numHops: XX
-hop
-routes[]
: Configuration
–
-protocols[]
-stacks[]
-interfaceReference
: Hop
–
-nextHop
IP: ProtocolStack
–
TCP/IP: ProtocolStack
–
TCP: ProtocolLayer
–
-implements
TCP: NetworkProtocol
– mtu: 8936
– headersLength: 20
– dataUnitLength: 46
– connectionless: false
– deliveryGuaranteed: true
-carries
IP: ProtocolLayer
–
IP: NetworkProtocol
– mtu: 8960
– headersLength: 20
– dataUnitLength: 68
– connectionless: true
– deliveryGuaranteed: false
ETH: ProtocolLayer
–
ETH: NetworkProtocol
– mtu: 9000
– headersLength: 38
– dataUnitLength: 46
– connectionless: true
– deliveryGuaranteed: false