

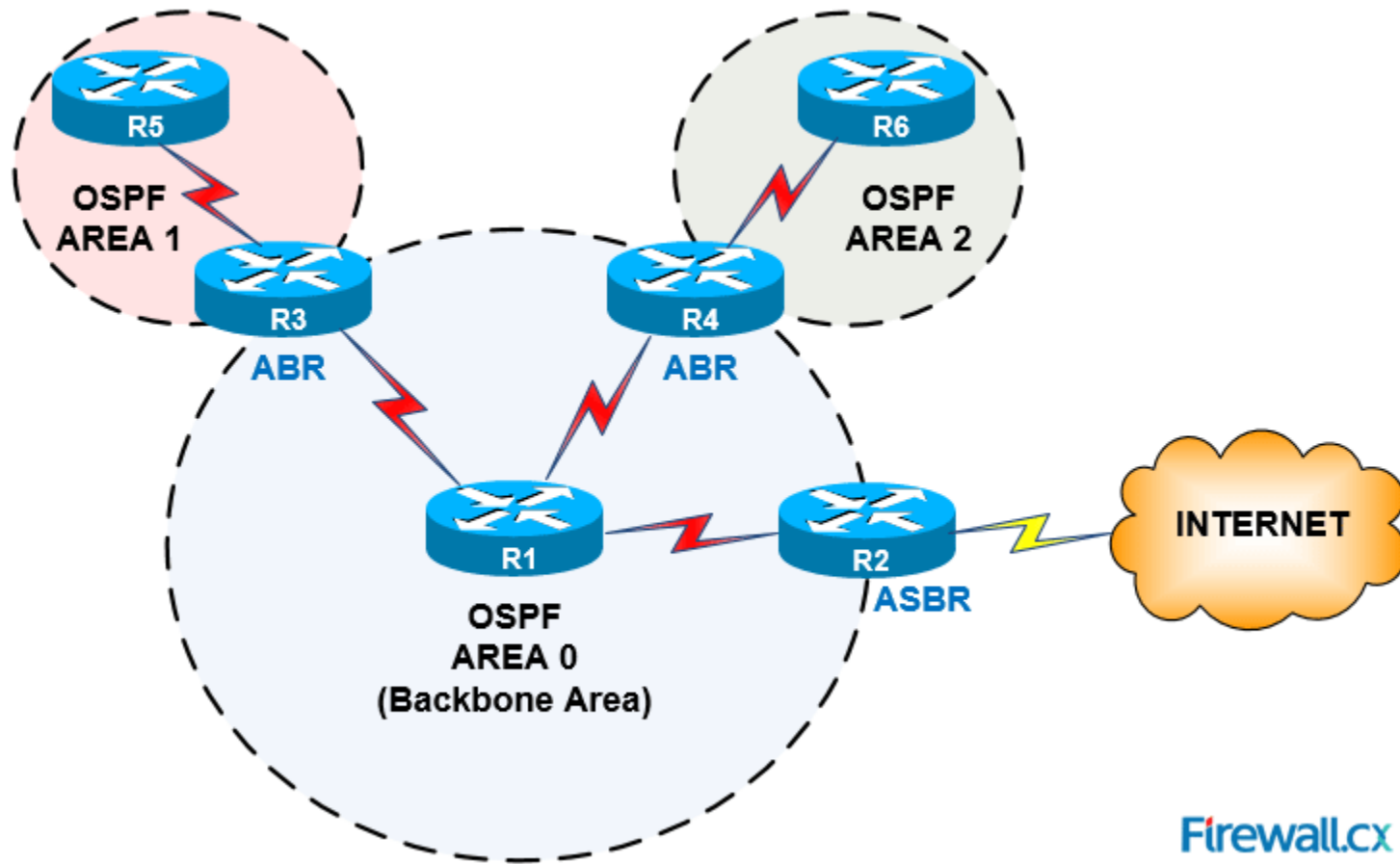
Chapter– 4

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OSPF

- ▶ Open Shortest Path First (OSPF) is a **link-state routing protocol** that was developed for IP networks and is based on the Shortest Path First (SPF) algorithm.
... In an OSPF network, routers or systems within the same area maintain an identical link-state database that describes the topology of the area.

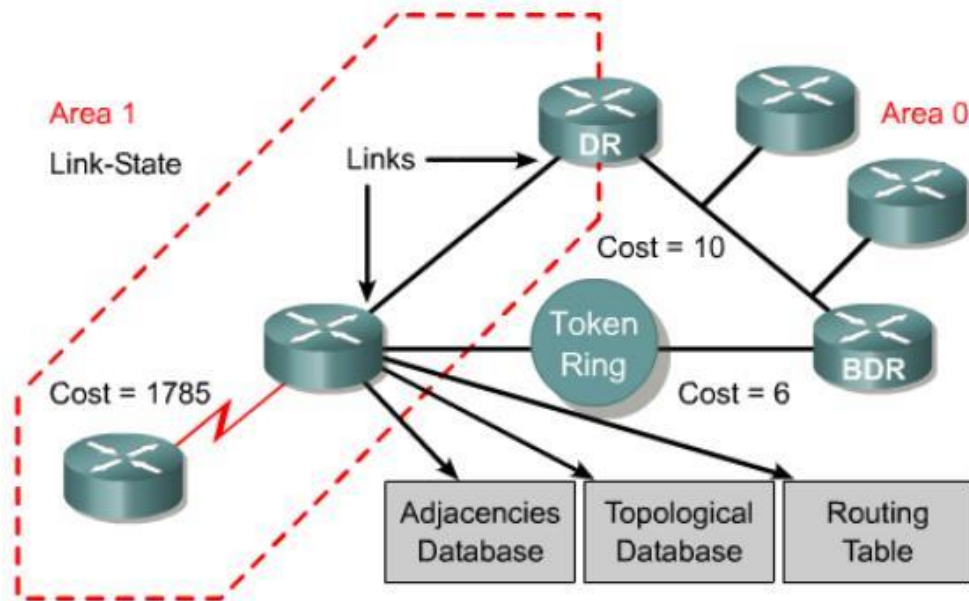
Basic OSPF context



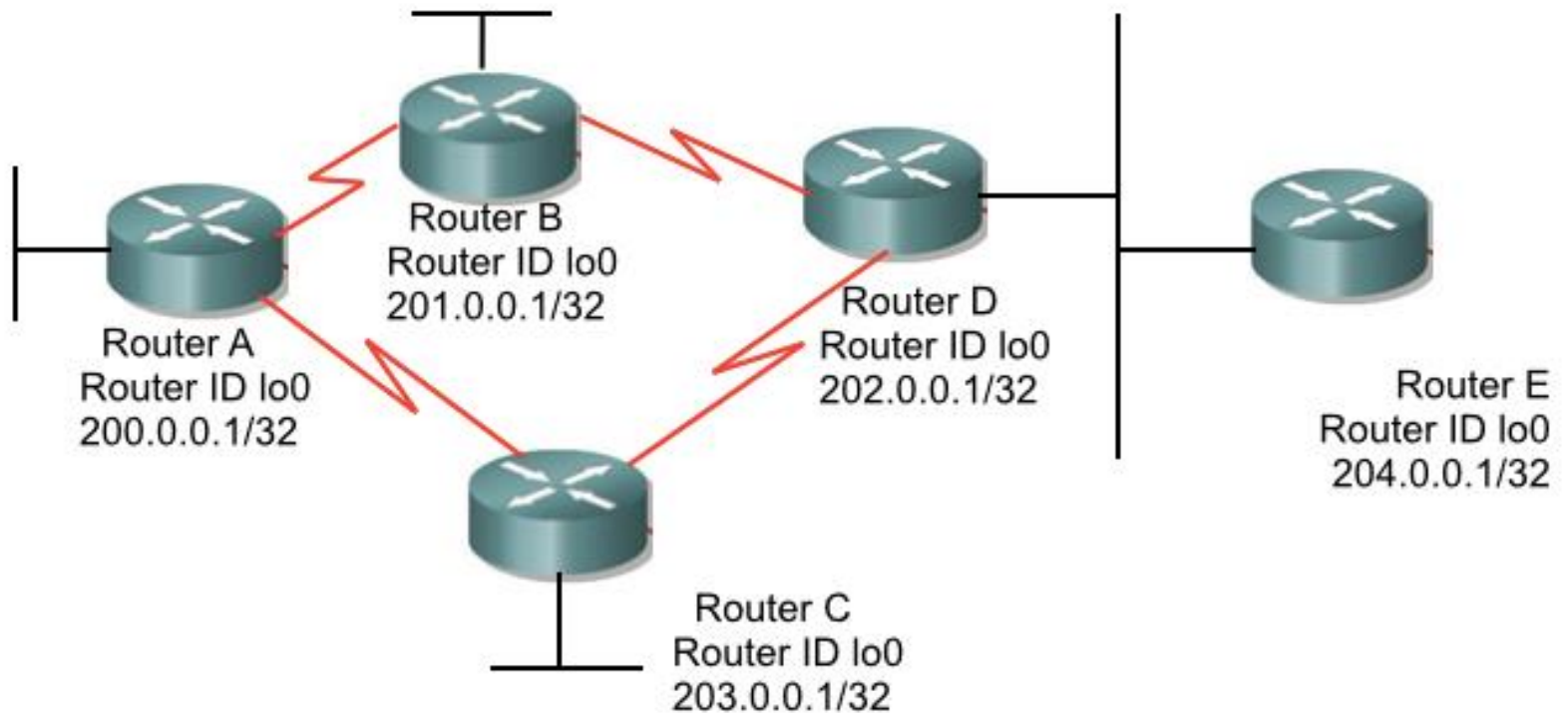
OSPF Terminology

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The next several slides explain various OSPF terms - one per slide.



Loopback Interface



Virtual Link

