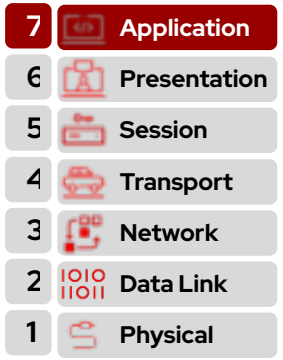
# Service Interconect - High Level Architecture

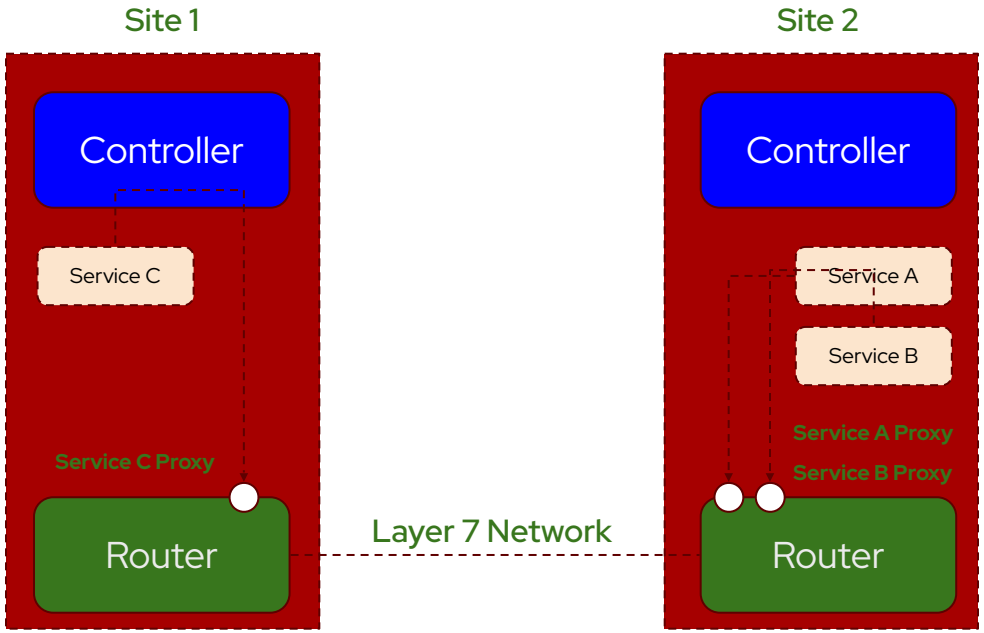
Portable Simple Protected Hybrid



OSI Model

## Virtual Application Networks (VAN)

VANs are logical/virtual networks that operate at **Layer 7** (the application layer) using application routers to route communication between Layer 7 application addresses.




### VAN Key differentiators

- Whereas TCP/IP addressing uses a **host:port** pair to refer to an endpoint, VAN addressing uses arbitrary strings - **name** - to refer to endpoints directly (DNS-style name).
- Whereas IP addressing is primarily unicast, with each address referring to a single host, VAN addressing is either anycast or multicast.
- VAN does not need to be part of the network infrastructure and It doesn't consume from your IP network space.
- VAN can be created by a developer or operator quickly and easily without access to administrative privileges or special networking infrastructure like VPNs, IPSec, SDN, Firewall mapping rules, etc.

- DNS-style name
- Anycast and multicast
- Doesn't consume IP
- Doesn't require network administration

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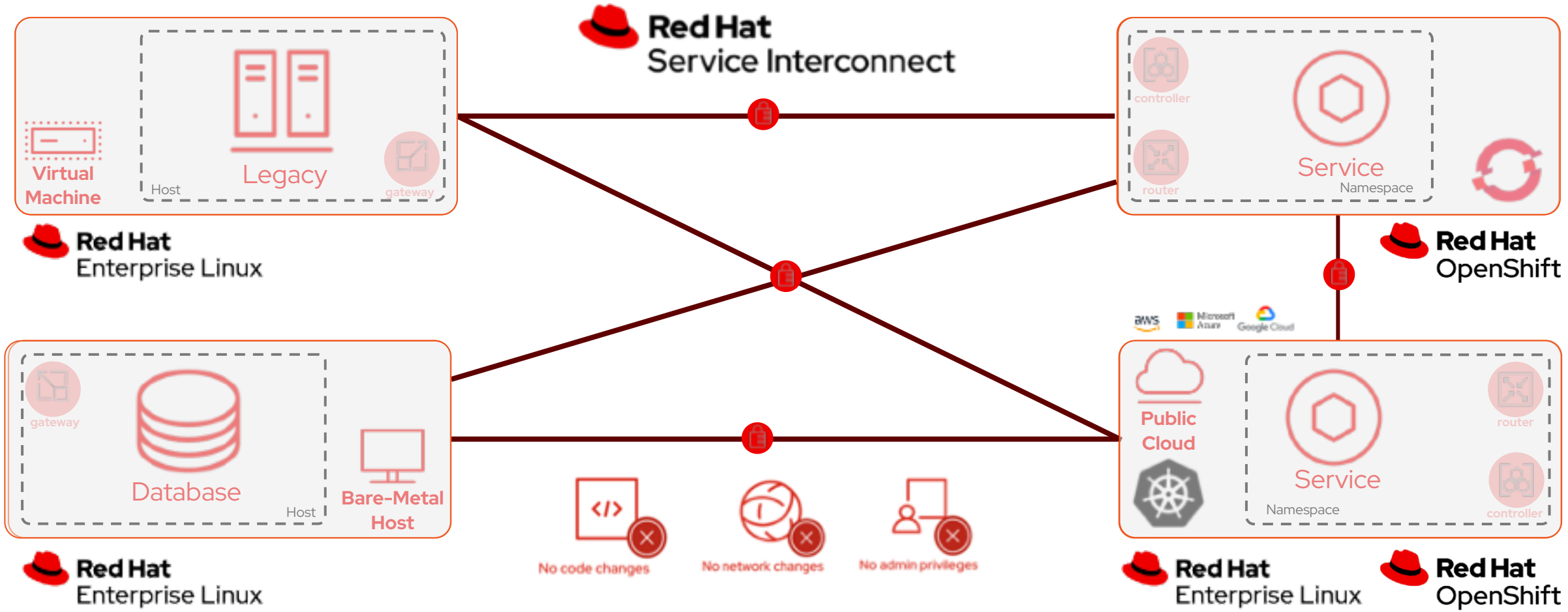
# Hybrid Interconnection

Portable Simple Protected Hybrid

Linking different applications and services across different environments




Stay Connected → Any Infrastructure | Any Workload | Anywhere | Any Footprint

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