# Fast Container Chains

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Problem Statement

- Companies use containers as efficient, lightweight entities to package their services
- Users chain these best-of-breed container services to provide value-added offerings to customers
- Network layer services require low latency implementation
  - e.g. Firewalls and Load Balancers

Firewall Chaining (Simplistic)
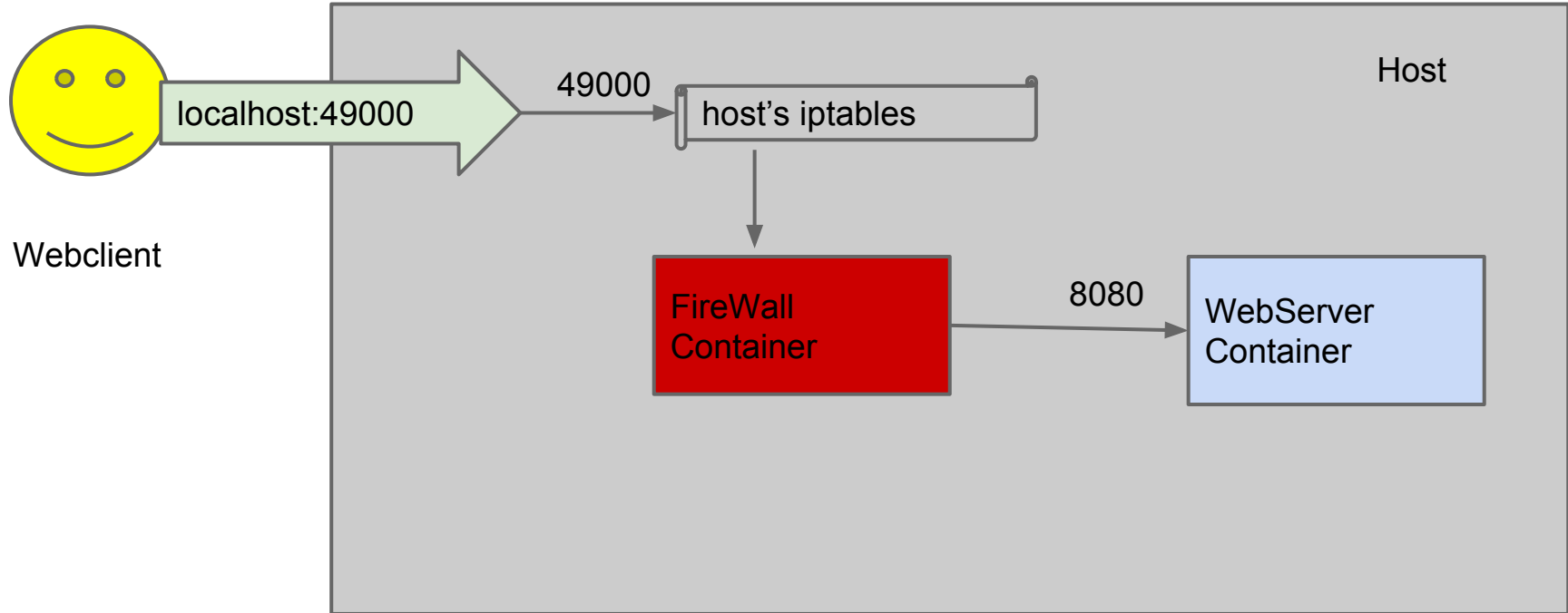
Firewall Chaining (Low Latency)
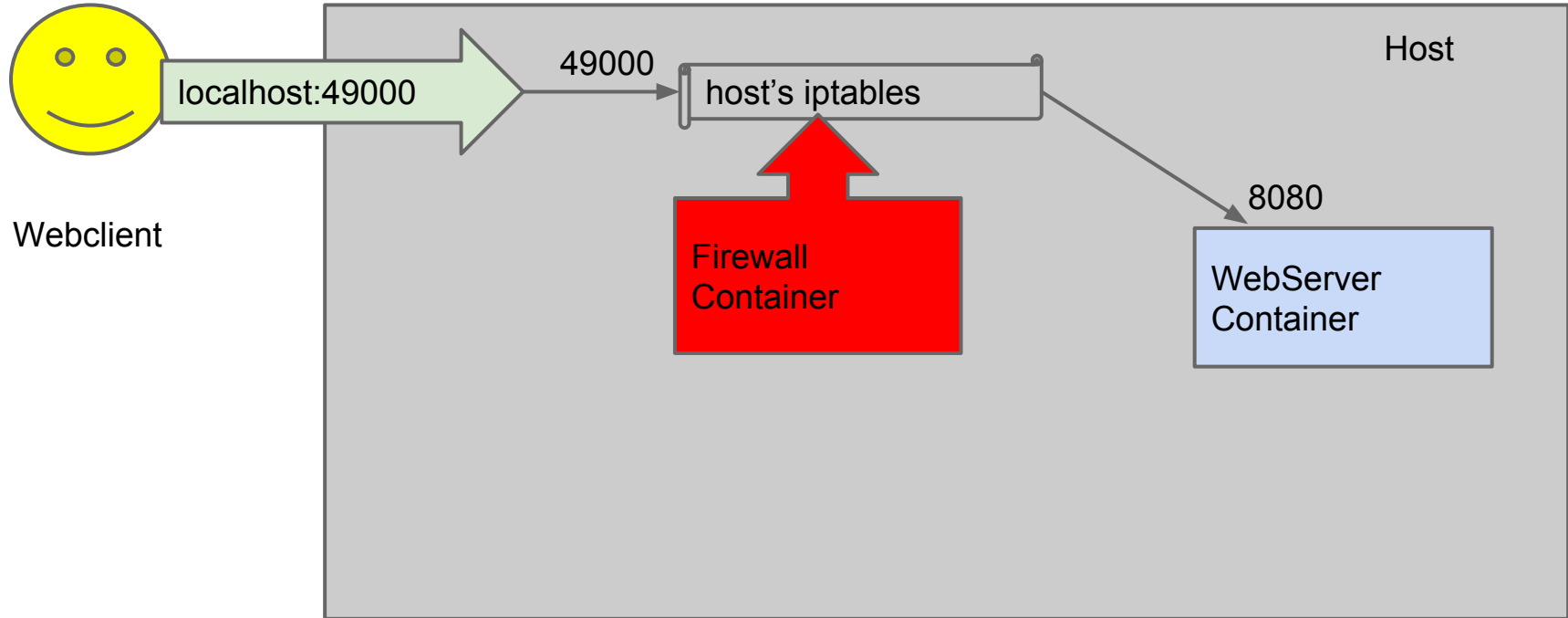
Other Low Latency Services

- Load Balancers
- Encryption (VPN Gateway, IPSec tunnels)
- Tenant isolation (using virtual routing)