

Infrastructure Types

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Overview

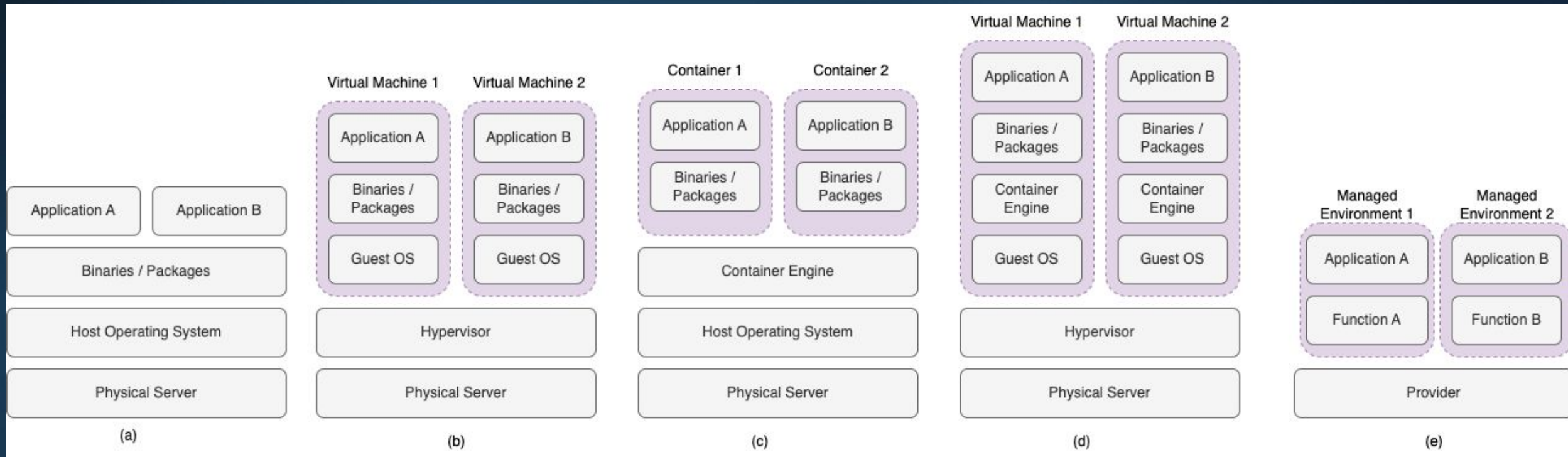
→ Physical Servers

→ Virtual Machines

→ Containers

→ Serverless

Infrastructure Types



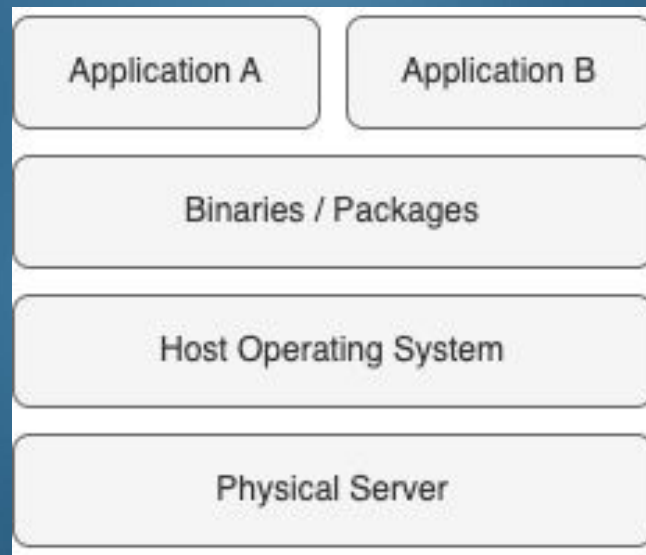
Physical Servers

Advantages

- Ownership and Customization
- Performance

Disadvantages

- Large CAPEX and OPEX
- Management Overhead
- Lack of Scalability
- Resource Mismanagement
- Improper Isolation
- Performance Degradation over Time



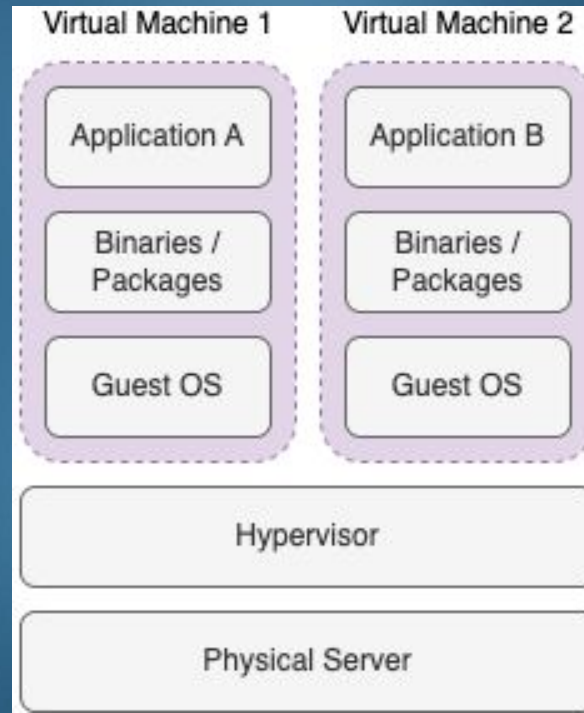
Virtual Machines

Advantages

- Low CAPEX
- Flexibility
- Disaster Recovery
- Better Resource Management
- Proper Environment Isolation

Disadvantages

- Performance Issues
- Security Concerns
- Increased Resource Waste



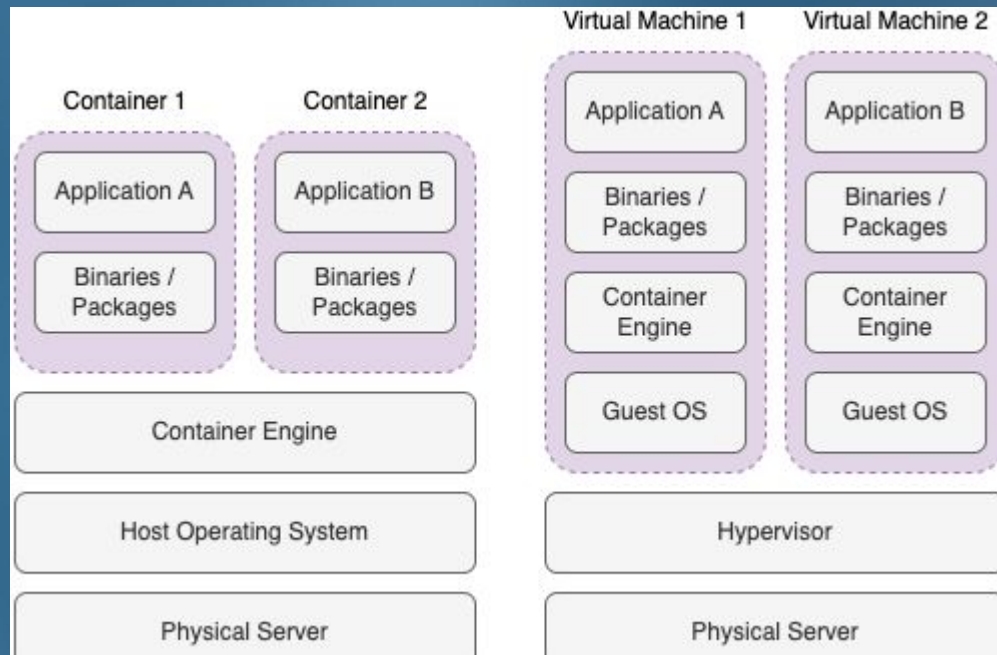
Containers

Advantages

- Decreased Overhead
- Portability
- Rapid Delivery Cycles

Disadvantages

- Data Persistence
- Cross-Platform Incompatibility



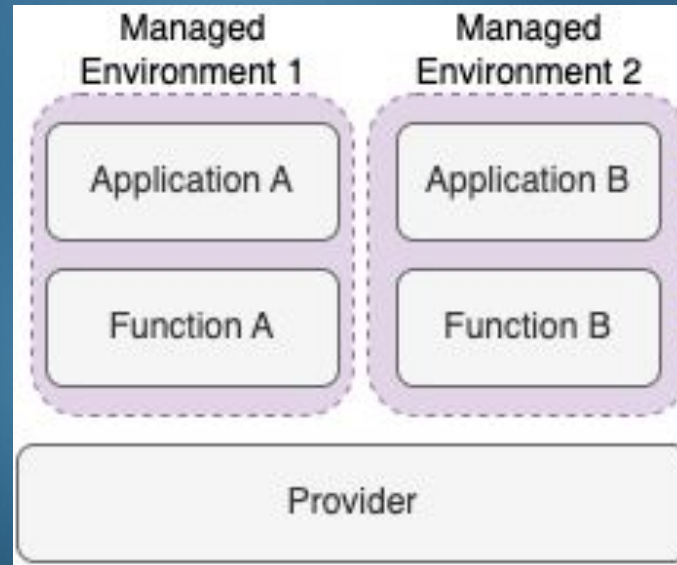
Serverless

Advantages

- Cost
- Scalability
- Fast Delivery Cycles

Disadvantages

- Security and Privacy
- Vendor Lock-in
- Complex Troubleshooting



Thank You

