

COMP 512- Project Phase 1

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Middleware Design

- Assumes 1 middleware server 3 RMs
- RMs, middleware implement resourcemanager
- Customer handling
- Reserveltinerary

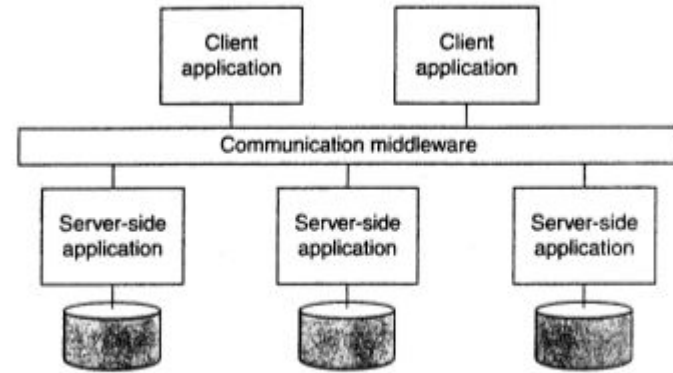


Figure 1-11. Middleware as a communication facilitator in enterprise application integration.

Figure from Distributed Systems, Tanenbaum, p.24 Introduction

TCP Design

- Middleware rewrite
- Requests in JSON
- Client requests

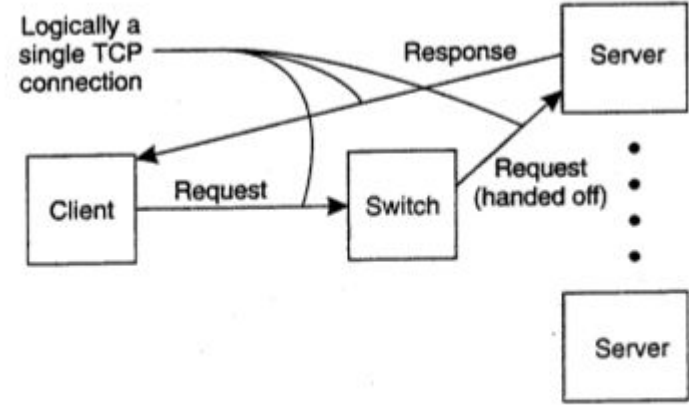


Figure 3-13. The principle of TCP handoff.

Figure from p. 95 Distributed Systems, Tanenbaum, Section 3.4

System Testing

- Over multiple clients
- Stress testing
- Fault tolerance
- Concurrency
- Exception handling
- Error messages
- Interfacing

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