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Azure Developer: Common Application Design & Connectivity Patterns

- Availability
- Data Management
- Design and Implementation
- Messaging
- Management & Monitoring
- Performance & Scalability
- Resiliency
- Security

Availability Patterns

- Health end-point Monitoring
- Queue based load leveling
- Throttling

Essential Messaging Patterns

- Competing consumer
- Pipes and filter
- Priority Queue.
- Publish/Subscribe.
- Queue Based load levelling

Security Patterns

- Federated Identity
- Gate Keeper
- Valet Key

AMBASADOR Pattern

Works as a proxy co located with client

Use for delegating common client tasks.

- Monitoring
- Logging
- Routing
- Security

Resilient cloud-based applications need certain features like.

- Monitoring
- Routing
- Metering.

- Difficult to wire resilient features to legacy app.

Scenario Application.

→ Cross-cutting client concerns

→ Support cloud or cluster connectivity requirements



