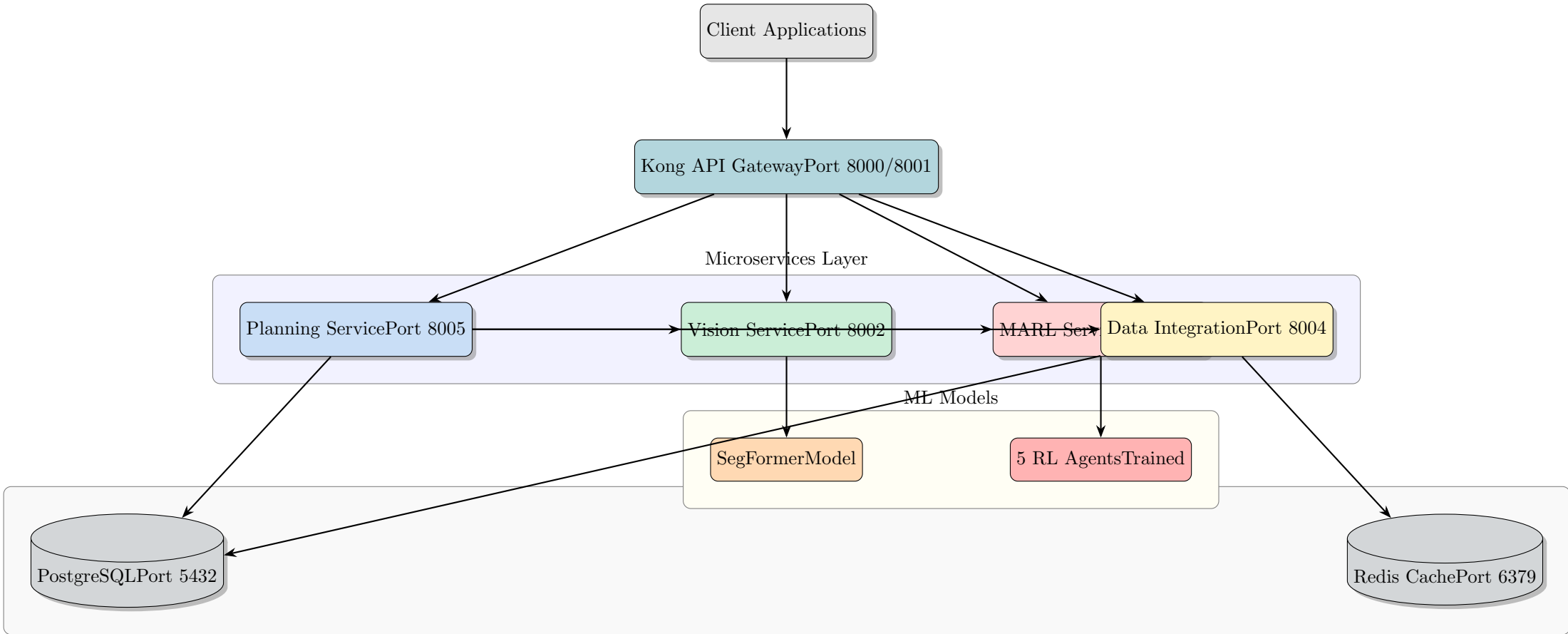
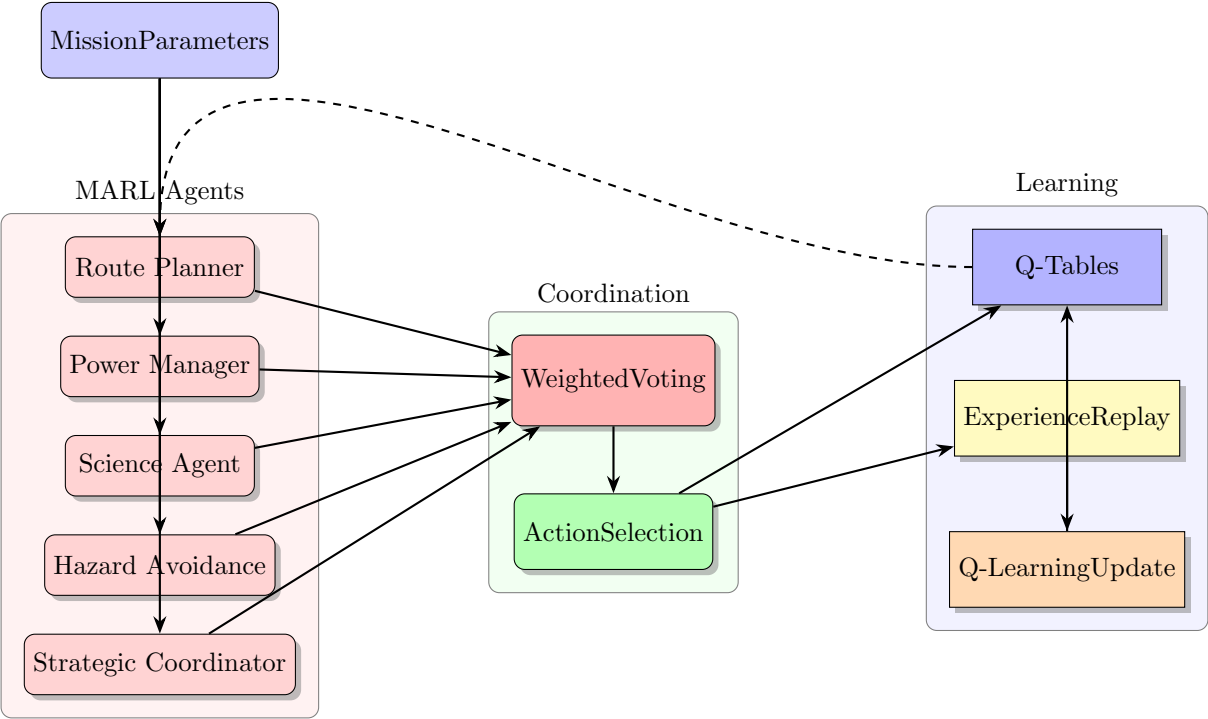


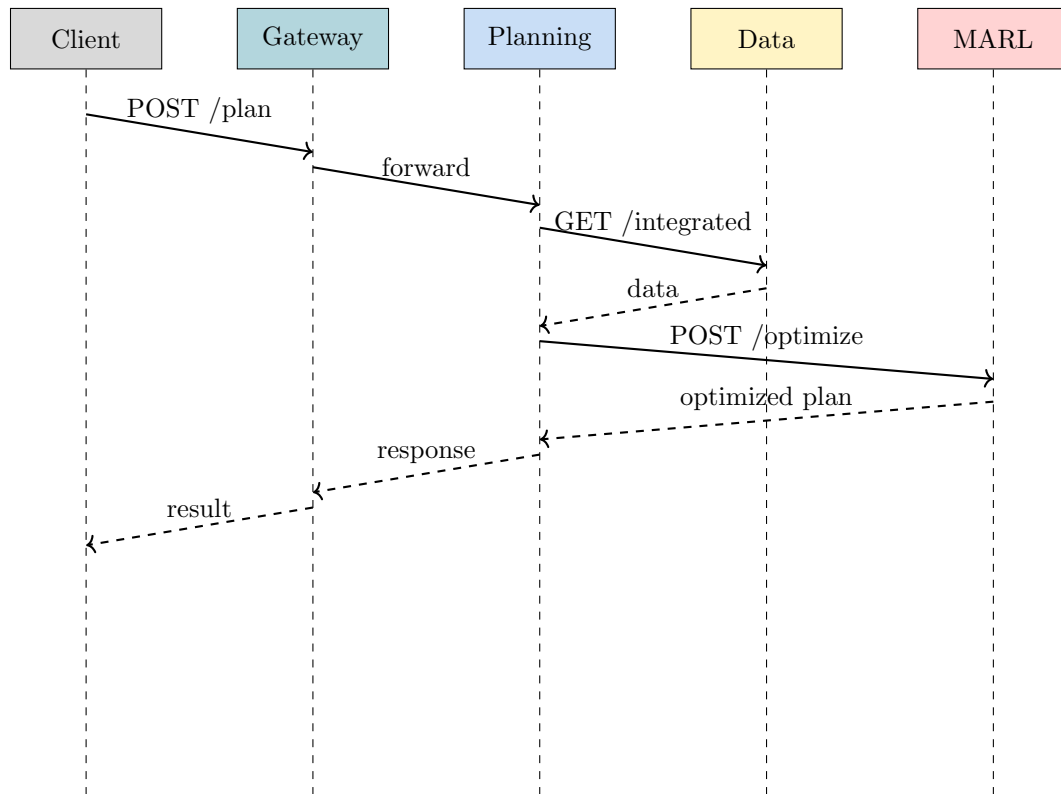
Mars Mission AI - High-Level Architecture



MARL System Architecture

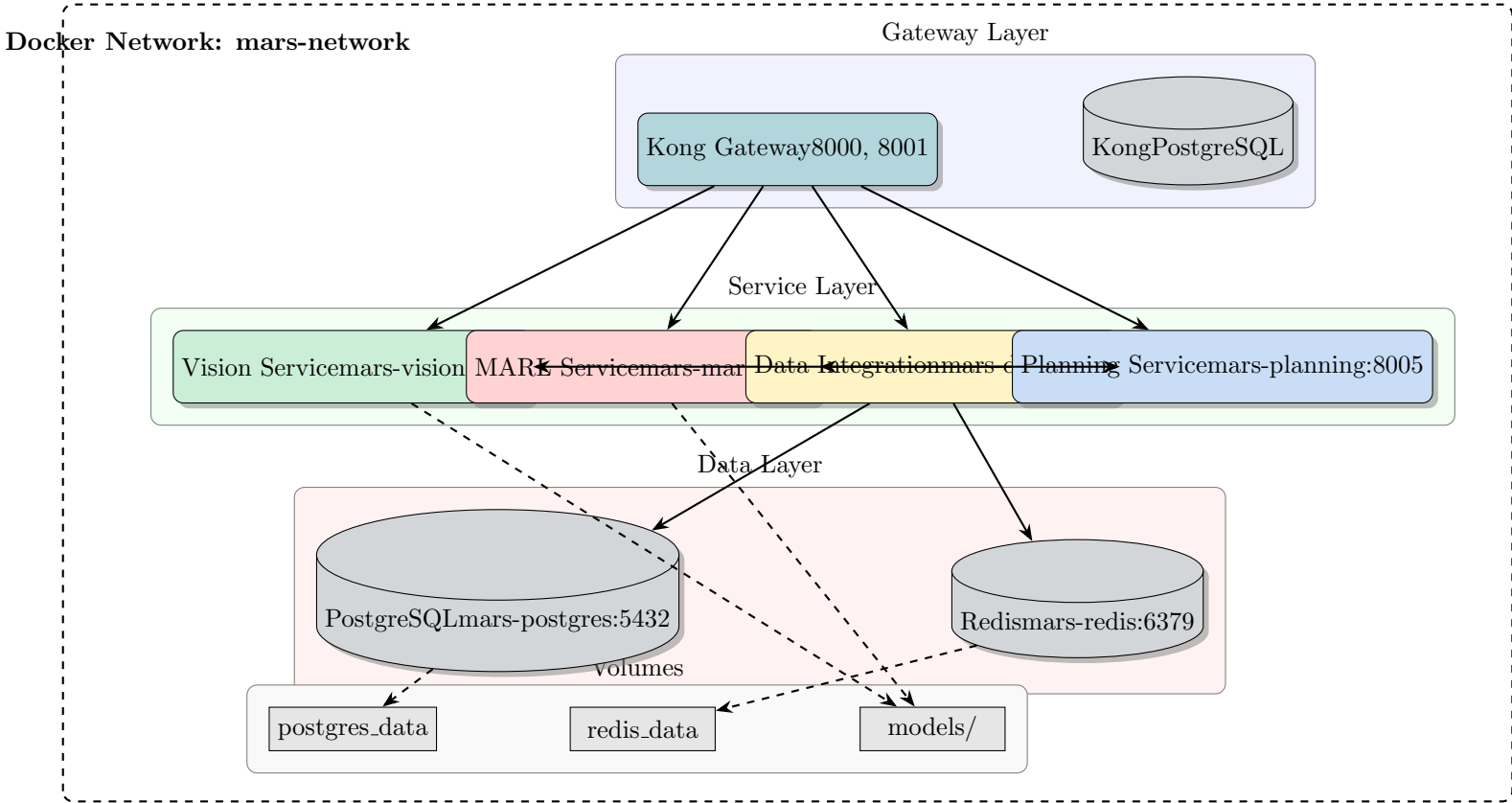


Data Flow Sequence Diagram

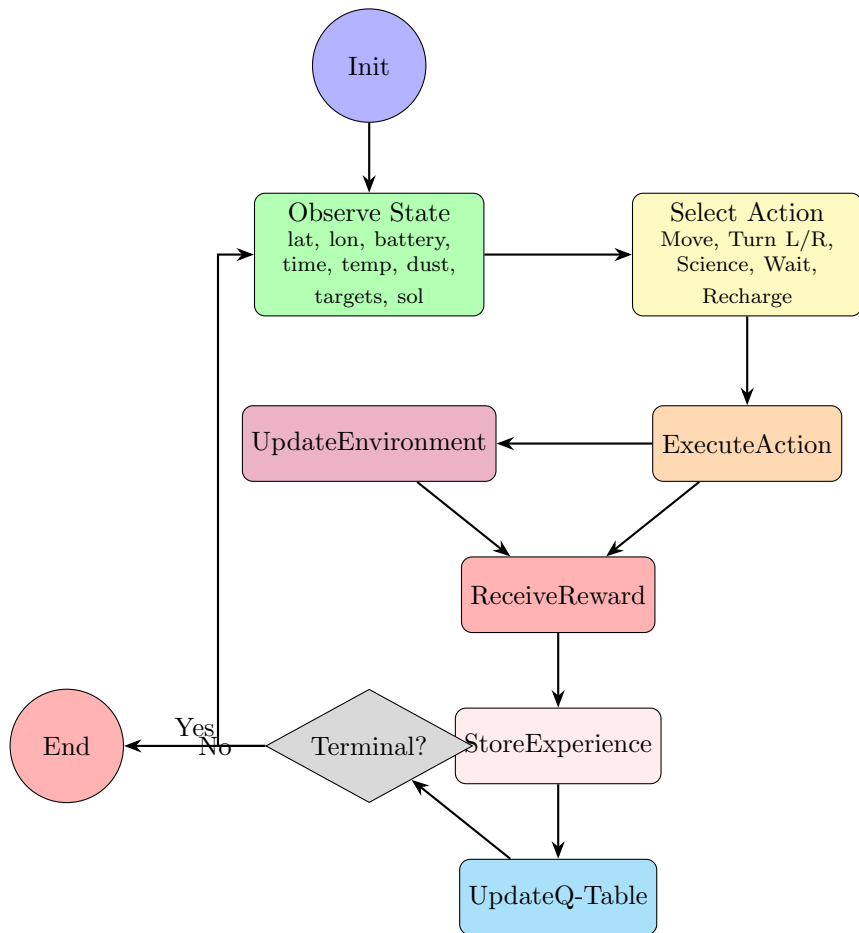


1. Client requests
2. Gateway routes
3. Planning gets data
4. MARL optimizes
5. Return result

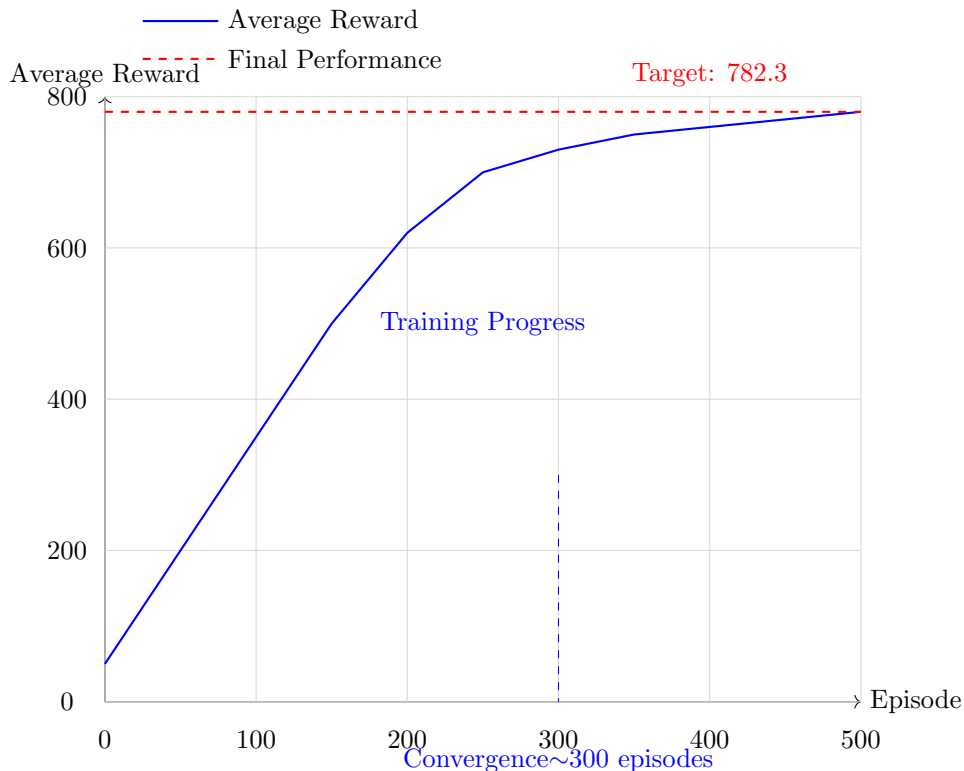
Docker Deployment Architecture

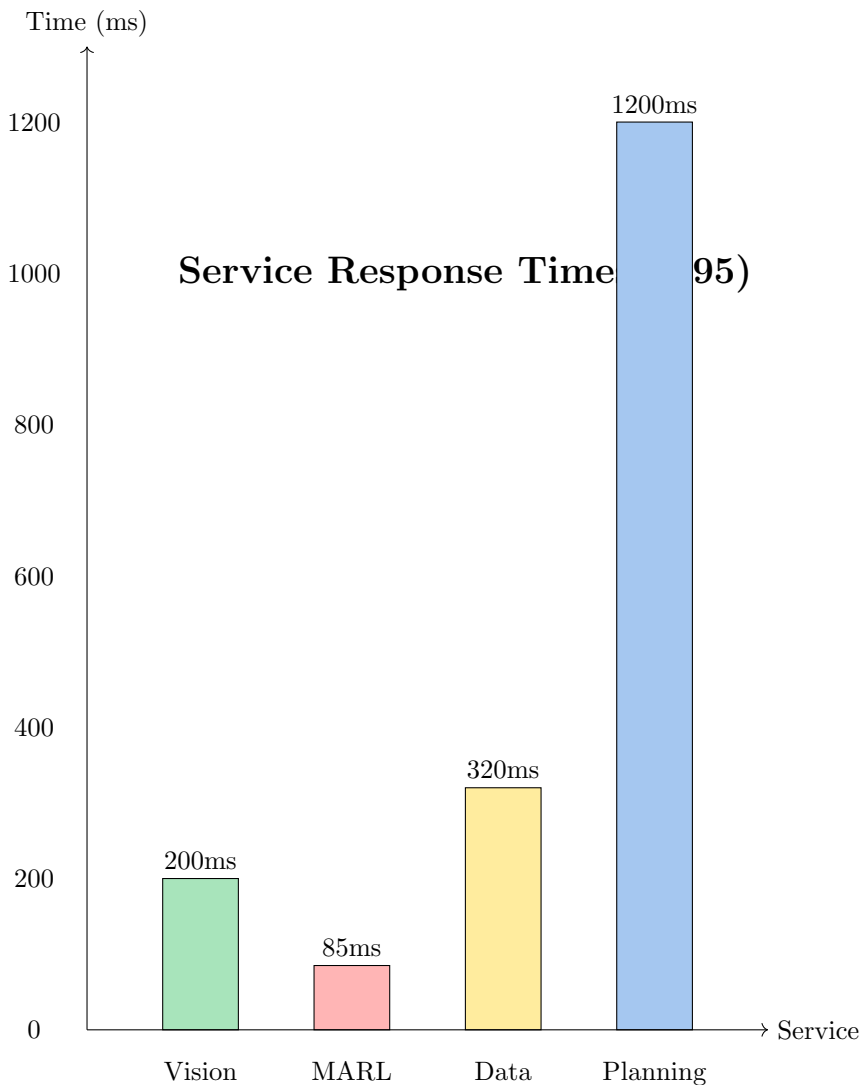


MARL Agent State-Action Space



MARL Training Performance





Microservices Communication Pattern

