CONTROLLER APPLICATION

✓ External Business Logic

🔴 NO CHANGE

HTTP REST API

ACA-PY AGENT

ACA-PY ADMIN API

✓ Swagger UI
✓ API Endpoints

🔴 NO CHANGE

PQC-PLUGIN

🔴 liboqs Integration Layer
🔴 PQC did:peer:4 Generator
🔴 Protocol Interceptors
🔴 Wallet Operation Wrappers

PROTOCOL HANDLERS

✓ DIDComm Protocol Suite

🔴 PQC-Interception
🔴 Delegation to PQC-Plugin

WALLET INTERFACE

✓ Key + DID + Credential Management API

🔴 PQC Key Operations
🔴 PQC Sign/Verifiy
🔴 PQC Pack/Unpack

TRANSPORT LAYER

✓ Inbound: HTTP
✓ Outbound: HTTP

🔴 PQC within DIDComm

WALLET IMPLEMENTATION

✓ Aries Askar (SQLite)
✓ ChaCha20-Poly1305 Encryption

🔴 Expanded Key-Type-Registry
🔴 PQC-Key-Storage

DIDComm Messages

EXTERNAL ACA-PY AGENT