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WP2: API Management

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Deliverables	ID 14 Global API Marketplace and developer portal ID 15 Authorization Concept for API Marketplace ID 16 CI/CD Pipeline / Transport Mechanism ID 17 Configuration of API gateways and load-balancers ID 18 Global Development Standards and Guidelines ID 19 API Security concept based on security requirements ID 20 Standard policies for APIs including Security ID 21 Documentation for API Marketplace Configuration
Milestones	

Scope	Set up the global API marketplace/catalog based on MuleSoft Anypoint Platform
	Technical setup of the global API marketplace/catalog and developer portal
	- Definition and implementation of an authorization concept for API Management, enabling Olympus to steer access to the API Marketplace for internal and external parties as well as allowing distinction between global and regional APIs - Definition, setup, and documentation of standard policies for APIs,ncluding security policies to secure APIs, even if consumed internally (e.g., approved authentication mechanisms, addressing OWASP Top 10 threats) - Configure API gateways and load-balancers, including proxy rules to map applications to custom domain (e.g., api.olympus.com) - Define global development standards and naming conventions for APIs - API development guidelines and naming conventions - API design patterns (e.g., API-led & abstraction from regional legacy - Logging and Alerting approach in combination with WP1 central integration monitoring

- Unit Testing approach

- Usage of global API marketplace/catalog and developer portal

- Documentation standards & templates

- Implement layered template API abstracting from regional legacy applications (e.g., API-led approach: regional system APIs, harmonize global process API)

- Further Requirements for WP2
- MuleSoft-Integration Design Patterns
- Olympus MuleSoft Developer Playbook
- Q&A for API Management
- Workshop for JAPAN region
- Workshop for EMEA region
- MuleSoft : Integration Specifications Template

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