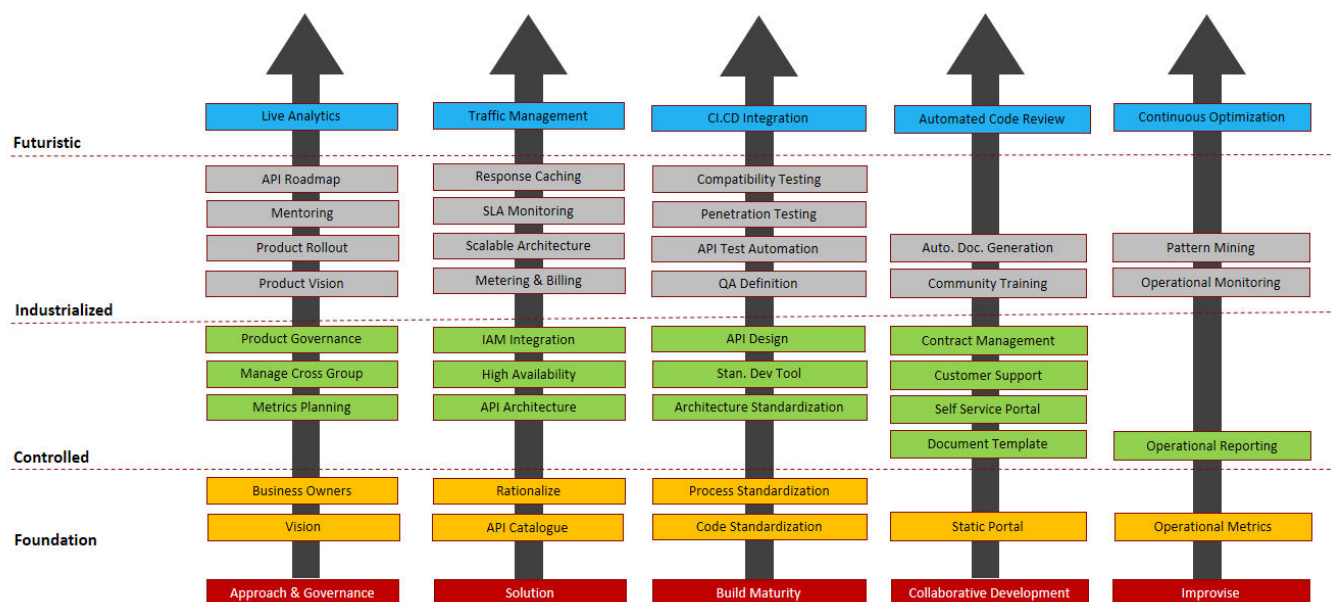


Maturity Model Evaluation & Roadmap

An API Maturity model is important to evaluate any organisation's level of maturity in its API-FICATION process. The model also helps organisations to mature its API landscape step by step to achieve the highest level of maturity over the time. HCL has defined the API maturity at 4 levels based on various aspects of the API product. The aspects that are measured to assess the maturity level are

- Approach & Governance
- Solution,
- Build maturity,
- Collaborative Development
- Improvisation of API Products



Level 1: Foundation

- A clear vision about the APIs is defined and business owners of the APIs are identified to define the approach and governance process.
- An API catalogue is defined and rationalized.
- Coding standards are clearly defined and Build process is standardized.
- A static developer portal is created for easy collaboration
- Basic Operational metrics are collected to help in identifying improvement areas.

Level 2: Controlled

- Product governance process, Metrics Planning Cross group management are in place.
- API architecture is defined properly. Identity management and High availability of system is ensured.
- Architecture standardization, Standard Dev tool, proper API design are in place.

- Self-service portal, API documentation templates, Customer support and Contract management are part of the API management tool.
- Reporting of Operational metrics is available

Level 3: Industrialized

- Well defined Product roadmap, product vision, product rollout plan is available.
- Metering & Billing, Response caching, scalability and SLA monitoring are enabled
- API test is automated for compatibility testing, Penetration testing, etc.,
- Automated document generation and well established developer community training are available.
- Operational monitoring and pattern mining are available.

Level 4: Futuristic

At this level the API landscape and API capabilities are at highest level of maturity

- Live analytics,
- Traffic Management
- Product Delivery is Automated using Continuous Integration and Continuous delivery tools
- Code review is automated
- The APIs are continuously optimized.