API Technology Maturity Model

1 MAINTAINING

APIs for UI Modernization

Updated, Modern Look and Feel

ORGANIZATIONAL CHARACTERISTICS

- APIs for internal use only
- Consumed by UI technology (JavaScript, PHP, Python, .Net, etc.)
- APIs for Calling INTO the IBM

2 EXPLORING

APIs for Internal Application Integration

Share Data and Functions across internal Platforms

ORGANIZATIONAL CHARACTERISTICS

- APIs for internal use only
- Sharing IBM i data and functions with applications running on other platforms
- Calling IN APIs and Calling OUT APIs

3 INITIATING

APIs for External Application Integration

New Revenue Channels

Streamline Business Processes

Connect with Customers and Partners

ORGANIZATIONAL CHARACTERISTICS

- Connect to API providers like Amazon, eBay, Google, Shopify, etc.
- Providing machine-to-machine connections for customers and partners

4 ADOPTING

APIs for Open Source Applications

Programmer Productivity

Proven Security

Analytics

Data Visualization

ORGANIZATIONAL CHARACTERISTICS

- Integrating prebuilt Open Source components for feature enhancements
- Using Open Source security modules
- Sending data to Open Source Visualization and Machine learning Tools

5 INNOVATING

API Management

Load Monitoring and Proactive Alerts

Tools for API Consumers (Documentation, Usage Instructions, Version Update Notifications)

System Protection (DDoS Attack Management, User Access Governance)

Lifecycle Deployment Automation

ORGANIZATIONAL CHARACTERISTICS

- Monitoring and controlling API Access with dashboards and alerts
- Integrating APIs into DevOps processes
- Managing API lifecycles (Pilot, Production, Pending Deprecation, End of Support)
- Automated scaling and load balancing
- Automatic documentation generation

For learn more, please visit www.eradani.com

SECURITY

A critical component of all APIs

IBM User IDs and Passwords / Basic Authentication

Encrypted Tokens, JWTs

Third Party Authentication (Oauth, etc.)

Multifactor Authentication

Increasing security

eradani.com
info@eradani.com
2001 Addison Street
Berkeley, CA 94704
US: +1 510 239 7331

Eradani

© Eradani, Inc. All rights reserved. Eradani and the Eradani logo are registered trademarks of Eradani, Inc. Other product and service names might be trademarks of Eradani or its affiliates.