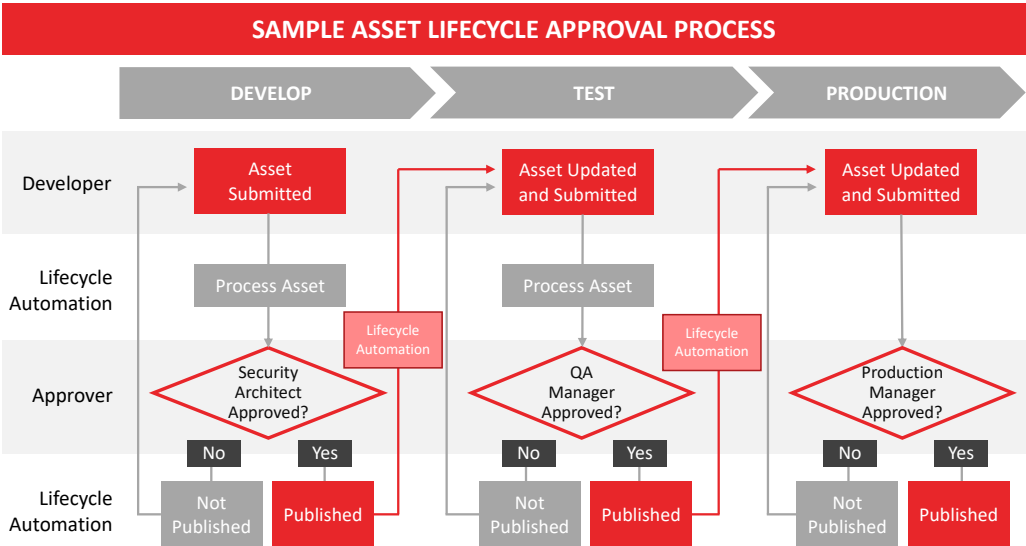


DATASHEET

Lifecycle Management

Akana Lifecycle Management enables enterprises to effectively collaborate between businesses, developers, and IT operations for rapid development and deployment cycles while increasing reliability, stability, and availability of their APIs and supporting assets.

This is accomplished with extensive lifecycle management capabilities built-in to the core Akana platform. With Akana Lifecycle Management, the way APIs are planned, designed, built, implemented, operated, monitored, and deprecated is flexibly enabled while ensuring security, agility, and compliance through all stages and environments.



Key Capabilities

SECURITY AUTOMATION

Metadata-driven policy management. Ensure that the design phase conforms to enterprise standards, reflects all the correct schemas and models, and is architected with the right security in mind for consumers. In addition, automatically change between OAuth domains when promoting from test or development environment to production environment.

ASSET CREATION AND VERSIONING

Fully customizable workflow for APIs, apps, and other assets. Multi-level approvals (both manual and automated) as needed with full auditing.

DEVOPS AUTOMATION

Deep integration with common DevOps platforms such as Jenkins, JIRA, and GitHub to enable agile processes while retaining control. Automated provisioning and promotion integrated with CI/CD pipeline.

GOVERNANCE

Implement custom API, app, and user fields within the Akana API Platform. Stakeholders have access and authorization rights to APIs and the flexible metadata-driven promotion process. If enabled, promotion only occurs with stakeholder approval.

Features

EXTENDED METADATA

Akana's out-of-the-box solution is completely customizable, allowing you to define any fields that you want to describe the API, app, or other assets. The metadata can be of any XML data type, including enumerated fields and connections to other data sources. You have full control over which fields are mandatory or optional. The defined metadata is actionable - you don't have to think about what policies to attach.

API AND POLICY PROMOTION

Using metadata and topologies, the underlying framework is configurable and adaptable, allowing for fine-tuning of what happens to a published API from one environment to the next. Akana bundles everything that comprises the API, including its policies and scripts, and enables "one-click" promotion to the next environment.

You can also configure approvals and notifications before promotions, adding checks and balances to metadata-driven automation. This adds efficiency and accuracy to the promotion process, ultimately deciding whether an API is deployed.

SDLC AND APPLICATION PORTFOLIO MANAGEMENT

The Akana platform provides a flexible governance process, driven by metadata, to enable organizations to manage the deployment of APIs, services, and other assets within their lifecycle to drive agility, reduce cost, and mitigate risk.

Governance within the platform addresses the following core issues:

- Ensure standards and practices are followed as assets move through their lifecycle
- Define and track multiple assets and their versions and dependencies
- Analyze the impact of changes to an asset while using the graphical relationship view

AUTOMATED PROVISIONING

Automate API configuration and promotion through staging and production environments, enabling automation and reducing risks from manual processes.

- Automated API configuration – API architects can easily define configuration patterns to be automatically applied via metadata settings
- Auditable promotion records – record all API promotion activities across multiple iterations with full visibility to configuration changes between staging environments
- Configurable role-based gating – enterprises can easily specify RACI (Responsible/Accountable/Consulted/Informed) roles into promotion workflows; these become part of the audit record
- Integration with CI/CD platforms (e.g., Jenkins) – either a master or a slave within an enterprise's CI/CD architecture

REQUEST A DEMO

Learn more about Akana's security-first API strategy.

www.akana.com/demo