Claria

WSO2 BIJIRA SERVICE DEFINITION

Bijira is WSO2's next-generation, AI-native SaaS API Management platform - a full-lifecycle solution built to simplify and accelerate API development, deployment, security, governance and monitoring. Bijira offers a unified control plane to manage all your APIs, whether they're internal, external, or AI-powered, across hybrid and multi-cloud environments.

Core Service Capabilities

- **Unified Control Plane:** A single interface to manage ingress (internal APIs), egress (external/third-party APIs), and AI-powered APIs. It oversees both cloud data planes and private data planes hosted on Azure, AWS, GCP, or on-premises.
- **AI-Native Management:**
    - **AI API Design Assistant:** Uses natural language prompts to generate OpenAPI/AsyncAPI specifications and data models.
    - **AI Governance:** Automatically validates API compliance against organizational or industry standards described in plain English.
    - **AI Gateway:** Provides specialized controls for Large Language Model (LLM) services, including **token-based rate limiting**, semantic caching, and content safety guardrails.

- **Model Context Protocol (MCP) Support:** Bijira allows organizations to expose their APIs as "tools" for AI agents. It features a dedicated **MCP Hub** within the developer portal to facilitate agent discovery and subscription.
- **Enterprise Security:** Built-in identity management (integrated with Asgardeo or external IDPs) provides OAuth2/OIDC authentication, role-based access control, and advanced threat protection like DDoS and injection firewalls.
- **Full Lifecycle Management:** Streamlines the entire process from design and automated testing to deployment, versioning, and eventual deprecation.

Deployment Models

Bijira offers flexible hosting through its Data Planes:

- **Cloud Data Planes (CDP):** Multi-tenant infrastructure managed by WSO2.
- **Private Data Planes (PDP):** Dedicated infrastructure running within a customer's own network (VPC) for enhanced privacy, low latency, and regulatory compliance (GDPR/CCPA).

