



Project Jellyfish

An Open Source Cloud Services Broker Solution to Manage and Improve Your Business Operations

For more information, visit ProjectJellyfish.org

Cloud computing has emerged as one of the most valuable technologies for managing the IT ecosystem.

Yet the myriad of cloud services available can be overwhelming to administer effectively. The lack of standardization and cost tracking capabilities, as well as the risk of vendor lock-in, adds to your company's everyday financial and operational challenges.

To help resolve these issues, Booz Allen Hamilton, a leading strategy and technology consulting firm, developed Project Jellyfish, an open source cloud services broker solution that unifies your disparate cloud resources, including Infrastructure as a Service (IaaS), Platform as a Service (PaaS), and Software as a Service (SaaS). This means automated and rapid service delivery, comprehensive performance and cost monitoring, standardized configuration management, and customizable workflows across public, private, or hybrid cloud platforms for overall improved business operations.

Why Jellyfish?

Jellyfish play an important role in the oceanic food chain, and are responsible for helping maintain balance in the ocean's delicate, complex ecosystem. They occupy every major ocean in the world, and are adept at withstanding a broad range of salinities and temperatures. Like jellyfish, today's organizations need equal versatility in their cloud service brokering. With Project Jellyfish, you can provision and manage all your on- and off-premise cloud services from a centralized, open source e-commerce platform.

Project Jellyfish Functionalities

Project Jellyfish is not just a cloud management tool, but also an advanced business analytics and

intelligence tool that can tailor the latest technological innovations to meet each organization's unique needs. As with any open source project, Project Jellyfish's functionalities continue to evolve and improve. At a high level, Project Jellyfish's key functionalities are broken down into four tiers, as follows—

+ Service Tier

- Self-serviced catalog with collaborative project-based workflows to organize and manage service requests and approval process
- Programmable e-commerce interface for self-serviced provisioning and approval flows
- Search-and-compare wizard to evaluate various cloud services and cost options across multiple cloud infrastructure prior to purchasing
- Build wizard to create custom stacks and blueprints on-demand
- Subscriber management

+ Service Management Tier

- Aggregate and abstract usage and cost data across the entire cloud portfolio
- Service demand and capacity management
- Service availability and performance management
- Financial management (e.g., showback, billing, and metering)
- Mobile iOS application for health monitoring and service request approvals

+ Governance and Compliance Tier

- Policy/workflow management and optimization
- Security and access management
- Full inventory and control of existing cloud resources

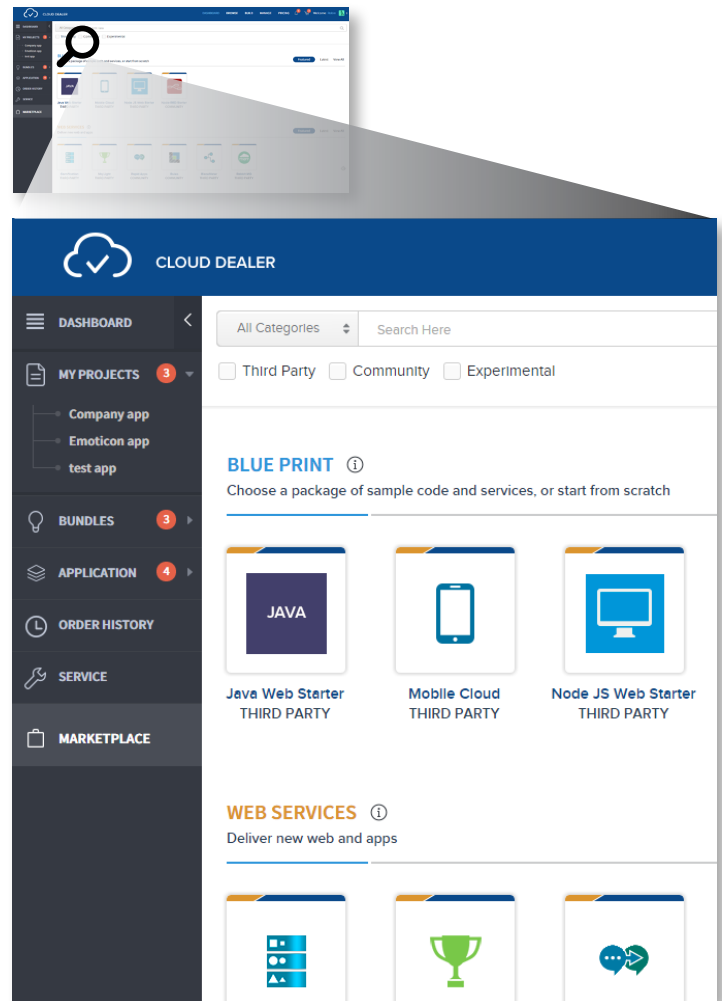
- Setup automatic alerts to comply with internal policies and regulations
 - Define budgets, projects, and control spend
- + **Resource Management Tier**
- Orchestration of resources (e.g., allocation, pooling, and APIs)
 - Automation engine to reliably and consistently deliver specific service-level agreements (SLA)
 - Automatic and repeatable configuration management across the entire application lifecycle

Why Project Jellyfish?

Project Jellyfish is an open source, unified cloud broker platform with IaaS, PaaS, and SaaS capabilities ordered, delivered, and managed through a single pane of glass. Project Jellyfish adopts a modular framework that allows users to add or remove required functionalities without the need to rearchitect/redesign the base architecture. Project Jellyfish is revolutionizing today's complex cloud ecosystem through community-driven open source to drive innovation, quality, and efficiency. With Project Jellyfish, you can—

- + Avoid vendor lock-in by giving the decision-making power back to the end customers.
- + Rapidly adopt and respond to evolving technologies by leveraging the community, which represents various public and commercial sector organizations, academia, and service providers.
- + Retain freedom to innovate and take control of the solution that fits your needs.
- + Anticipate lower costs because development is amortized across contributors.

Project Jellyfish e-Commerce Storefront



FOR MORE INFORMATION

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About Booz Allen

Booz Allen Hamilton is a leading provider of management consulting, technology, and engineering services to the US government in defense, intelligence, and civil markets, and to major corporations and not-for-profit organizations. Booz Allen is headquartered in McLean, Virginia, employs more than 22,000 people, and had revenue of \$5.48 billion for the 12 months ended March 31, 2014. In 2014, Booz Allen celebrates its 100th anniversary year. (NYSE: BAH)

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