

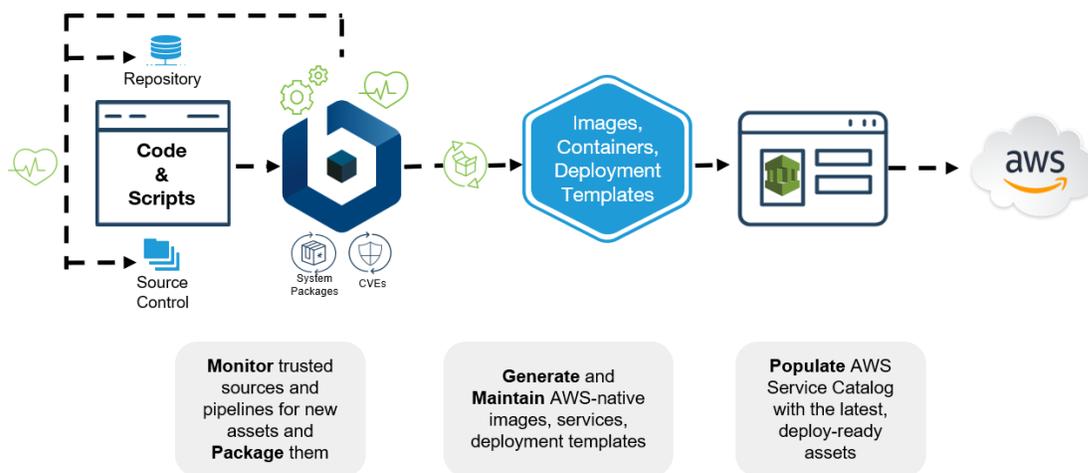


Manage and Maintain Cloud Services with Bitnami Stacksmith and AWS Service Catalog

Managing requests and maintaining up-to-date IT assets and services are the two most important roles of a service-driven IT organization. Without the proper tools and processes - approvals workflows, a service catalog, and the ability to manage ownership and account for resource consumption - IT organizations will struggle to respond quickly, maintain an increasingly disparate portfolio of IT services, and manage cloud budgets. It is equally critical to ensure that the assets provided for consumption are up-to-date and secure - if not, organizations will quickly find themselves out of compliance and / or exposed to security vulnerabilities. One of the best things IT can provide the organization is a self-service catalog of approved and secure services and applications. One of the worst is a catalog with stale, outdated and vulnerable assets.

To accelerate adoption of this service-driven IT model, Bitnami has integrated Stacksmith with AWS' Service Catalog. Stacksmith focuses on the secure assembly and over-time maintenance of assets that will then be managed and posted for consumption in the AWS Service Catalog.

Stacksmith monitors your upstream tools and process, packaging changes such as new application versions or updates to your configuration scripts. It also watches for updated system packages and CVEs that affect them allowing you to deliver the latest updates directly to your consumers.



Stacksmith outputs are delivered as Cloud Formation Templates and Amazon Machine Images (AMIs), the AWS native formats required to orchestrate the deployment of those images and any associated PaaS services. These outputs are published directly into the AWS Service Catalog, where they can be deployed using the options and input parameters defined by IT. When a service or application is updated, Stacksmith automates its republishing to the catalog, ensuring the catalog always contains the latest, IT policy-compliant options. Updates and versions are tracked directly within the AWS Service Catalog, ensuring users know exactly what they are deploying.

Customers who have undergone a service-driven digital transformation recognize the value of converging the processes of request, delivery and maintenance into a single interface. Stacksmith assures the development, security and operations teams that the assets that go into this process are from trusted sources and will remain up-to-date and secure. In addition, it follows the organization's best practices and policies to achieve desired SLAs and corporate compliance. AWS Service Catalog assures that business processes are followed, resources are properly curated, and that actions and outcomes are centrally reported.

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