

DevOps Tools

DevOps Service



Rapid and Secure Provision of Integrated SW Development/ Deployment/Operation Environments

DevOps Service provides standardized development tools for application and system development/deployment/operations as well as code framework-oriented development templates and integrated management in the Samsung Cloud Platform environment. The service enables rapid and stable software development/deployment/operations as well as convenient integrated management via DevOps Console.



Efficient Development Environment

Users can easily create accounts in wizard mode using application templates. Configuring an account for build/deployment is also possible by selecting the development language(Java, Python, Ruby, etc.) and framework(SpringBoot, Vue.js, .Net, etc.)



Integration with CI/CD Tool

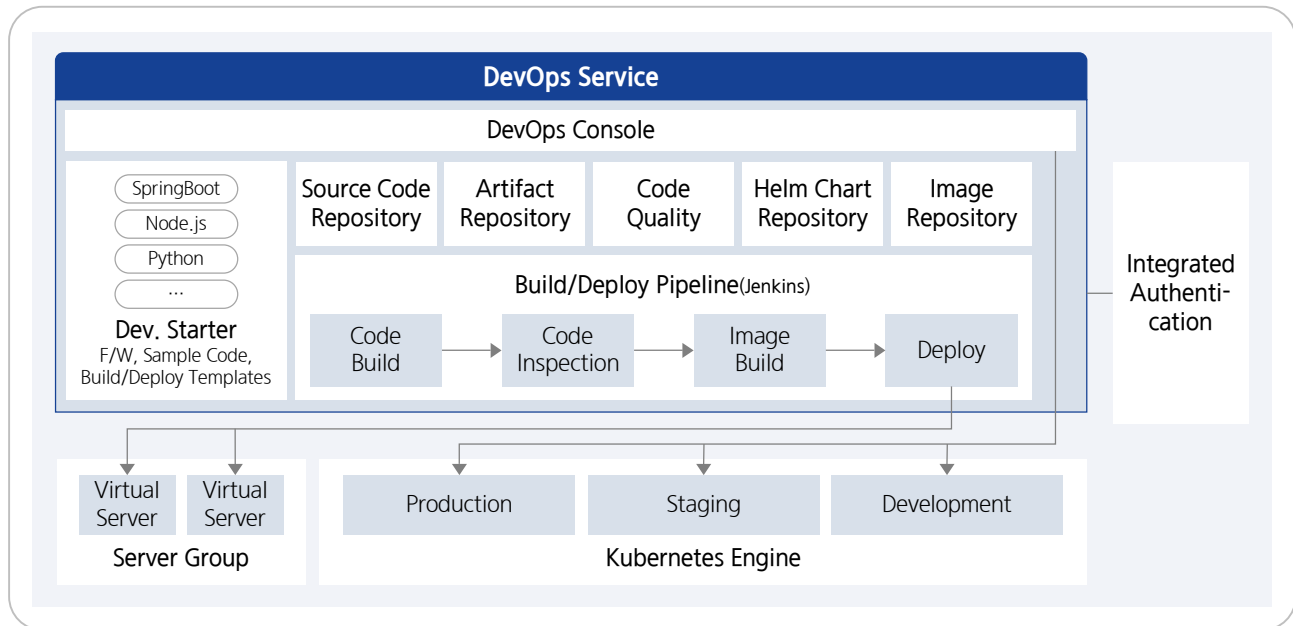
With service request, users can register source code repositories, artifact repositories, code analysis, image repositories, and build/deployment tools. Registered tools allow users to create each stage of the pipeline based on GUI and automatically configure pipeline scripts.



Convenient Integrated Management

From building accounts for development to server deployment and release workflow management, integrated management is enabled. Direct integration with the Kubernetes cluster is possible through the DevOps Console, which allows for easy deployment.

Service Architecture



Key Features

- **Tenant/account management**
 - Manage tenant members and create account groups/accounts within tenant
 - Support the deployment of Kubernetes cluster and DevOps tool
 - Support pipeline configuration and execution
- **Release management**
 - Provide workflow management and execution service
- **A dashboard view**
 - Check account information, pipeline configuration information and deployment status
- **App. template management**
 - Provide key development templates in system template
 - Allow users to register and manage their own templates by tenant/account

