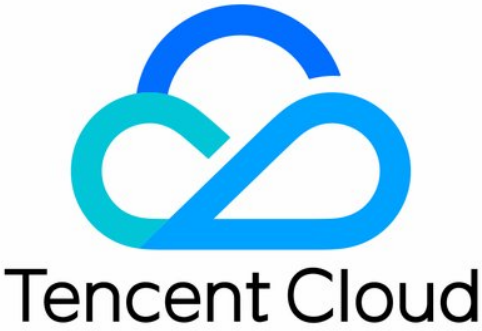
CODING Artifact Repositories

Introduction

Product Documentation



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Introduction
Overview

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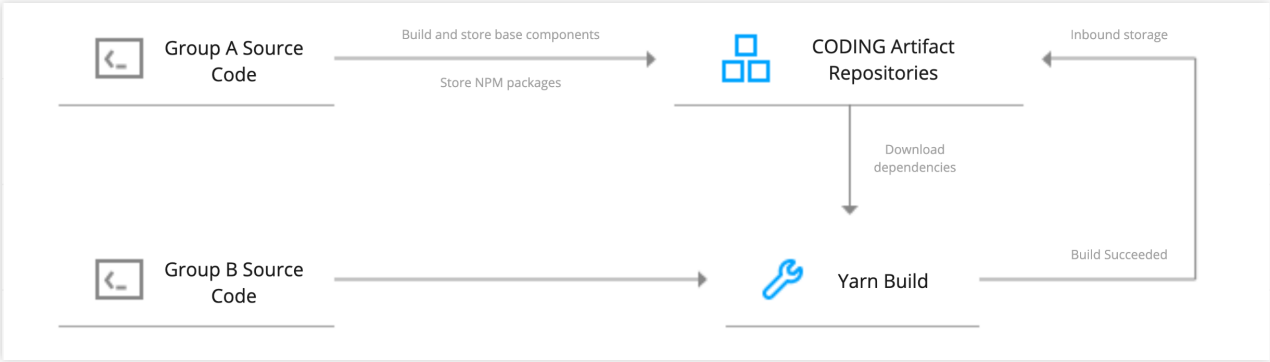
What Is CODING Artifact Repository?

As a sub-product of CODING DevOps, CODING Artifact Repository (CODING-AR) is used to manage artifacts generated after source code compilation, including Docker, Maven, Helm, npm packages, and other popular artifacts. It offers centralized version control with the source code and seamlessly integrates with local build tools and continuous integration/deployment in the cloud. With vulnerability scanning and other convenient features, it aims to deliver an efficient artifact management service to help development teams control artifact quality.

Scenarios

Dependency storage

CODING-AR can be used to run and store private components or intermediate artifacts in the software development process for efficient collaboration on components across development teams.



Artifact repository quality control

CODING-AR supports artifact vulnerability scanning which can be integrated with test management and bug management to record the bugs of artifacts and control their quality.

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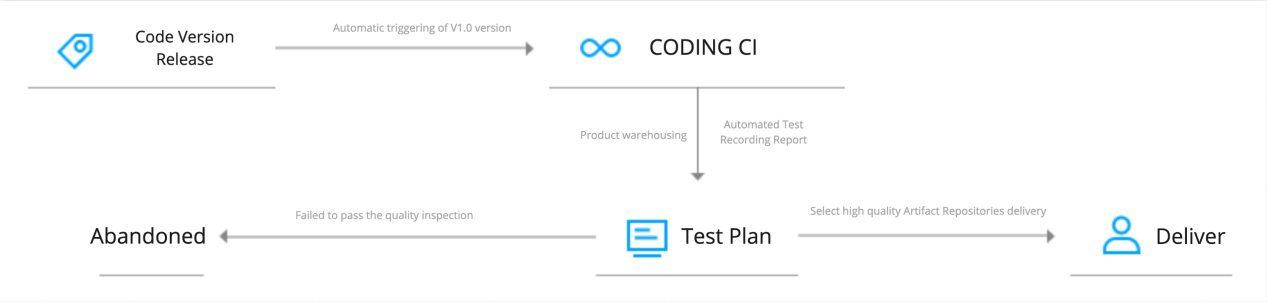
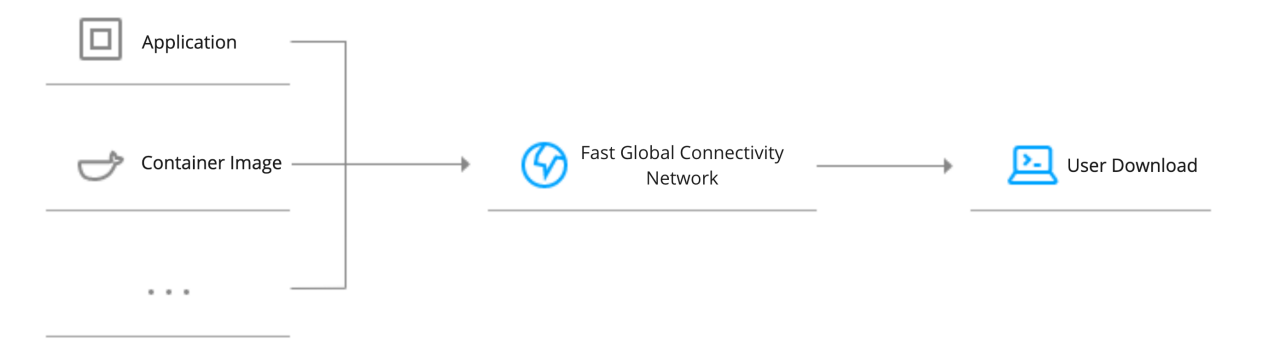


Application distribution

CODING-AR is designed for application distribution. Users can download both software and container images quickly over our fast pre-built global network.



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Benefits

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CODING Artifact Repository (CODING-AR) boasts the following benefits:

Various artifact types

CODING-AR supports various types of artifact repositories, including Docker, Maven, npm, Generic, Pypi, and Helm, for centralized artifact management in a single project.

Seamless integration with popular build tools

CODING-AR is compatible with all common artifact format standards. You can use familiar build tools or install any other local software or plugins.

Rapid distribution

CODING-AR supports rapid artifact distribution for public and private repositories. Relying on the powerful CDN of Tencent Cloud, it enables your team members to securely and quickly upload and download artifacts around the globe.

Vulnerability scanning

You can use the built-in image security scanning feature or custom security scanning policies to check the quality of artifacts stored in CODING-AR and improve project security.

Upstream-Downstream integration

CODING-AR provides well-adapted APIs to integrate with the upstream code repositories and downstream continuous deployment and operation systems, enabling upstream-downstream integration for DevOps.

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