CodeArts Governance

Getting Started

Issue 01

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1 Creating a Binary SCA Job

This section introduces how to create a binary scan job and check the scan report to help you get started.

Prerequisites

- You have registered a Huawei account and enabled Huawei Cloud services.
- You have purchased CodeArts Governance.
- Software packages and firmware to be scanned are ready.

Constraints

- Files in the following formats can be scanned: .zip, .rar, .tar, .tar.gz, .jar, .apk, .hap, .so, .gz, .gzip, and so on
- The file name can contain only letters, digits, spaces, underscores (_), hyphens (-), and periods (.).
- The file name can contain a maximum of 100 characters.
- Describe the job within 200 characters.
- The file size cannot exceed 5 GB (300 MB for free trial jobs).

Creating a Scan Job

- Step 1 Log in to the CodeArts Governance console.
- **Step 2** In the navigation pane on the left, choose **SCA** > **Binary SCA**.
- **Step 3** Click **Create Job**. In the displayed dialog box, click **Scan File**. Upload a local software package or firmware.

Table 1-1 Parameters

Parameter	Description
Scan File	The software package and firmware to be scanned
Job	Name of the file to be scanned

Parameter	Description
Description	Description of the job
Upgrade this scan to Professional.	This is shown when your free package has remaining scanning quota and yearly/monthly billing is not used.
	 Disabled: The Free edition will be used for this scan job.
	 Enabled: The Professional edition will be used for this scan job. After the upgrade, you can check complete scan results, export the report, and upload a file up to 5 GB. For frequent scans, yearly/monthly packages are recommended.

- **Step 4** Click **OK** and wait for the job to complete. Note that the scan duration is subject to the package size and code size.
 - NOTE

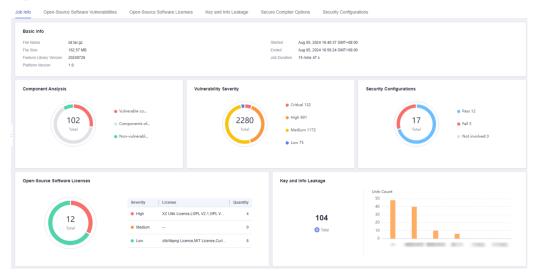
If the job is Failed, refer to What Can I Do If a Binary SCA Job Fails?

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Checking the Scan Result

- **Step 1** On the **Binary SCA** page, check all jobs.
- Step 2 Click a job name to check its report. Alternatively, click View Report in the Operation column of the job. This page shows the Basic Info, Open-Source Software Vulnerabilities, Open-Source License, Key and Info Leakage, Secure Compiler Options, and Security Configurations.

Figure 1-1 Report details



Step 3 Click **Download Report** in the upper right corner and choose to download a PDF or an Excel file accordingly. Click **Generate SBOM Report** to generate a software bill of materials (SBOM) report.

Step 4 Download a PDF or Excel report by clicking **Download Report** in the upper right corner.

The report includes the job and result overview and lists the components, vulnerabilities, keys, information leakage issues, secure compiler option issues, and security configuration issues.

Step 5 Click **Generate SBOM Report** to generate a software bill of materials (SBOM) report.

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