Cyberspect Admin Guide

Abbott Laboratories | January 2023

Contents

Overview

Cyberspect is a cloud hosted mobile application security scanning solution used by Abbott Laboratories. It provides a self-service workflow to upload mobile applications, scan them for security vulnerabilities and compliance concerns, and deliver reports containing the results.

What's New for December 2022?

- Faster scanning due to parallel tasks
- Large application scans no longer timeout after 15 minutes
- Monthly scheduled scans and ability to mark application as release
- Email notification of monthly scan results
- Enhanced upload UI to include Country and Data Privacy input
- Ability for administrators to modify scan fields on Recent Scans page
- Enhanced current Abbott ETL process to include many new scan metrics for reporting
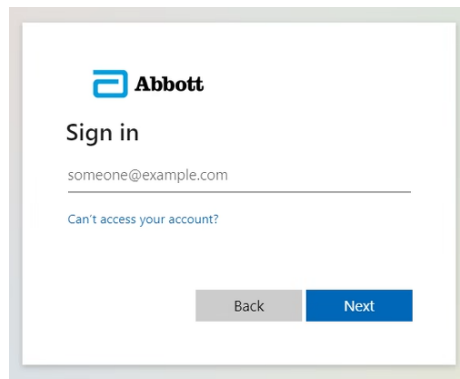- Platform upgrade to MobSF 3.6.0

Requesting Access

To request access to the Cyberspect solution:

- Login to IIQ: https://iiq.abbott.com/identityiq/home.jsf
- Request Access to the Mobile Security Platform Admins group (**APP-Cyberspect-Mobile-Admin**)

Login

- Browse to https://abbott.cyberspect.io
- You will need to login using your Abbott domain credentials.

- NOTE: If you pause at the login page for more than 15 minutes, you may receive a 401 Authorization Required error when attempting to login. If this occurs, please refresh the page, and try again.

Scanning a Mobile App

To upload and scan a mobile application package and/or source code for a mobile app, use the following steps:

Fill out the required fields displayed above with the information applicable to the mobile application.

- **Application Name**: The name of the mobile application as it appears (or will appear) in the applicable app store.
- **Version**: The version of the mobile application.
- **Production or Preproduction**: The release status of the mobile application.
- **Division**: The Abbott Labs organizational division applicable to the mobile application.
- **Country**: Select Global if the application is used worldwide, or one or more countries.
- **Release Version**: Check this box to include the app you are uploading in the monthly scan process.
- **Data Privacy Classification**: Choose the appropriate classification for the mobile application from Abbott's Information Classification Policy.
- **Data Privacy Attributes**: If applicable, choose one or more data privacy attributes:
  - PII: Personal Information
  - PHI: Health Information
  - PIFI: Financial Information
  - GEO: Geolocation Data
  - CTI: Consumer Tracking Info
  - C18: Data of Children Under 18
  - ABT: Abbott Personnel Info

- **Mobile App File**: The mobile application package file (.apk, .ipa) to scan.

- **Source Code File**: Including a .zip file containing the source code for the mobile application is optional, but if included will result in more accurate results.
- **Email Address**: By default, it will be your email address, but it can be change to other email addresses separated by a comma.

Click the **Upload & Analyze** button to upload the file(s) and start the scanning process.

Zip Files

Cyberspect supports .apk, .xapx, .ipa, .appx, and .zip files for the Mobile App File upload. Compiled mobile app package files work best, but if you need to use a .zip file it will require a specific folder structure.

- Eclipse Project: The file AndroidManifest.xml and the directory "src" must exist in the root directory of the .zip archive.
- Android Studio Project: AndroidManifest.xml must be located at "app/src/main/AndroidManifest.xml" and the directory "app/src/main/java/" must exist.
- iOS Project: The .xcodeproj file must exist in the root directory of the .zip archive.

If you have both a mobile application package file and source code, we recommend creating a .zip archive of the source code and using the Source Code File option to upload it. Any .zip archive folder structure is allowed using this approach.

Email Notification

Once the file(s) are uploaded and the full scan is complete, the submitter will receive an email with attachments containing the Static Analysis (SAST) and Software Bill of Materials (SBOM) reports. The email will also include a document on how to read the scan results, and links to the web interface to view more information.
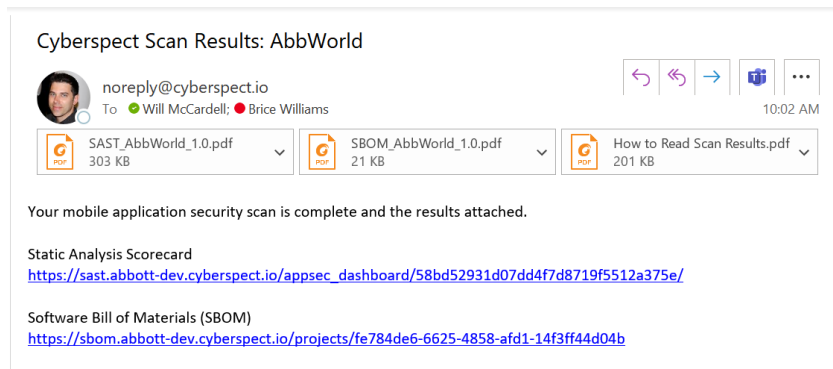
Be aware that if multiple users upload the same file, each user will be added to the recipient list for the email notification.

Monthly Scanning

All applications that are marked with a release check box will be rescanned on the first day of each month. At the end of the monthly scan an email will be sent to each user email associated with the mobile app. This email will contain a header with the total number of scans, finding severity counts, and number of failed scans. In addition, it will contain a list of all mobile applications applicable to the recipient with finding severity counts. For administrators this will include all "release" mobile applications scanned.

Cyberspect Monthly Scan Results

noreply@cyberspect.io
To ● Brice Williams

↩ Reply   ↩ Reply All   → Forward   ⋯
Sun 1/1/2023 10:54 AM

ⓘ You forwarded this message on 1/1/2023 11:20 AM.

Monthly Scan Summary

Apps Scanned	Failed Scans	High Findings	Warnings	Info Findings	Avg Scan Time
9	1	18	22	25	54.84

Mobile Apps Scanned

App Name	Version	Scan Type	High	Warning	Info	Status	Scan Time	Scorecard	Dependencies
ConsentTool	1.0.3	IPA	4	8	8	Success	61.36	Scorecard	Dependencies
Nutritional Connection	1.1.2	IPA	2	1	1	Success	60.60	Scorecard	Dependencies
AbbWorld	1.4.1	IPA	3	1	1	Success	60.41	Scorecard	Dependencies
Field Toolkit	3.0.3	IPA	2	2	1	Success	60.46	Scorecard	Dependencies
Startup Toolkit	2.0.3	IPA	1	2	0	Success	60.41	Scorecard	Dependencies
AR Atheneum	1	IPA	4	1	1	Success	60.37	Scorecard	Dependencies
eHR India	1.2	IPA	2	1	0	Failed	8.99	Scorecard	Dependencies
Foodie	2.0.0	IPA	0	3	0	Success	60.45	Scorecard	Dependencies
Abbott	1.2	IPA	0	3	0	Success	60.51	Scorecard	Dependencies

Release Flag

2450a566500a1141b287867d1b158fee
Dec 16, 2022 8:51 PM

RELEASE

iSTAR_APK - 1.0

iSTAR - 1.0.0
com.arisglobal.lifespheremobile

Mobile apps with the release box checked will have a "release" label below the upload date as shown in the image above.

Editing an Application Scan

Users with administrator privileges will have a pencil icon allowing them to edit application information after the application has been uploaded and scanned.

After clicking the pencil icon, the fields listed in the image above will appear allowing the administrator to make changes. If the Release Version checkbox is disabled, it is because the scan is older than 30 days and the uploaded files are no longer available. In this case you will need to re-upload the file(s) to mark the scan as a release version.

Once you click the save icon, you will be prompted to choose yes to save or no to cancel changes.

Technical Support

For technical assistance please email cyberspectsupport@syslogicinc.com and include any information relevant to the issue or question you have.