Scan Central SAST Client - Cheat Sheet V1.0

What is ScanCentral-SAST

The ScanCentral SAST client can work as an embedded client or an integrated client with a command-line interface for packaging and uploading code for scanning with Fortify Hosted/Fortify on Premise/Fortify On Demand.

Download SC-SAST Package:

https://tools.fortify.com/scancentral/Fortify_ScanCentral_Client_**version**_x64.zip
Choose a **version** for the Fortify ScanCentral Client setup.
Available versions include: 23.2.0,23.1.0,22.2.1,22.1.2, 21.2.3.
Eg:
https://tools.fortify.com/scancentral/Fortify_ScanCentral_Client_23.2.1_x64.zip

Setup SC-SAST Client for Windows:

1.Extract SC-SAST   2. Install JRE (11 or Later)3. Set JAVA_HOME in Environment Variables
4. set client auth token in <client_install_dir>/Core/config/client.properties
5. Run scancentral -help to confirm it is working.

Setup SC-SAST Client for Linux :

1.Extract SC-SAST   2. Install JRE (11 or Later)
3.Create a link file in bin to call binary from anywhere
ln -s "<client_install_dir>/bin/scancentral" /usr/local/bin/
4. set client-auth-token in
<client_install_dir>/Core/config/client.properties
5. Run scancentral -help to confirm it is working.

SC-SAST Client - Usage

usage:
scancentral [global options] command [command options]

Global options:
 -debug   Enable debug output in the log
 -h,---ssctoken <token>   Specify the SSC authorization token
 -sscurl <url>   Specify the SSC URL
 -url <url>   Specify the controller URL
 -version   Get the product version

Commands:

status   Get the status of a remote scan job
start   Start a remote scan job
retrieve   Download the result of a remote scan job
cancel   Cancel a remote scan job
worker   Start or test a ScanCentral Sensor
package   Create a zip package of the specified project
progress   Get the progress of the SCA scan
update   Update ScanCentral clients/sensors if a newer version is available on the Controller.
upload   Request FPR upload

SC-SAST Client – Package

Maven Project with Custom pom.xml:

scancentral package -bt mvn -bf pom.xml -o mypayload.zip

MSBuild Project:

scancentral package –bt msbuild –bf my.sln –o mypayload.zip

Gradle Build:

scancentral package –bt gradle –bf build.gradle –o mypayload.zip

Python 2 Project: scancentral package -yv 2 -pyr <requirements_file_path> -o myPackage.zip

Python Project with Active Virtual Environment:

scancentral package –bt none –o mypayload.zip

with additional parameters

--python-requirements <file> : To specify the Python project requirements file to install and collect dependencies.

--python-virtual-env <directory> : the Python virtual environment location.

Ruby Project: scancentral package -o myPackage.zip

Go Project: scancentral package -o myPackage.zip

IaC/Dockerfiles: scancentral package -bt none -o myPackage.zip

PHP 7.1 Project: scancentral package -hv 7.1 -o myPackage.zip

SC-SAST Client – Scan Status

Check the status of a specific scan job.

scancentral -url <controller_url> status -targs "-authToken <AuthToken> -scanId <scan ID>"

SC-SAST Client – Start Scan

scancentral -url https://scsastctrl.uat.fortifyhosted.net/scancentral-ctrl start -p myPackage.zip

scancentral -url https://scsastctrl.uat.fortifyhosted.net/scancentral-ctrl start -p myPackage.zip -upload -uptoken <SSC_CI_Token> -versionid <version id>