

Dear candidate, your area of responsibility in the team will be code scanning tools.
As part of the selection process, we ask you to build a working test environment, on your own laptop, for one of the following 3 scanning tools:

One of the tools we use to scan our code for vulnerabilities, is **BlackDuck**.
The location for the Blackduck Docker orchestration files and documentation is: <https://github.com/blackducksoftware/hub>

Your task is to setup a **Blackduck** test environment on your laptop and try to understand how the application works. Please suggest SLI (key metrics) for this application and create a 10 minute video presentation about the work you have done and why you made the choices you have made.

Or

One of the tools we use to scan our code for vulnerabilities, is **SonarQube**.
You can download the latest SonarQube install files here:
<https://www.sonarsource.com/products/sonarqube/>

Your task is to setup a **SonarQube** test environment on your laptop and try to understand how the application works. Please suggest SLI (key metrics) for this application and create a 10 minute video presentation about the work you have done and why you made the choices you have made.

Or

One of the tools we use to scan our code for vulnerabilities, is **Coverity**.
You can download the latest Coverity install files here:
https://sig-product-docs.synopsys.com/bundle/coverity-docs/page/webhelp-files/install_start.html

Your task is to setup a **Coverity** test environment on your laptop and try to understand how the application works. Please suggest SLI (key metrics) for this application and create a 10 minute video presentation about the work you have done and why you made the choices you have made.

In general, the purpose of your presentation (max 10 minutes!) is to prove that you understand how the application works and that you are able to ensure its stability.

The video will very likely be a large file and, as part of the challenge, you have to decide how to make the video available to us. We will select the 5 best results for a final interview.

Success with this task and we hope to see you in an interview to further explain your choices.
Please have your video submitted by July 19th.
We will choose the final candidates for an interview in the week of July 22nd.