



## Take-Home Test: SecOps Edition

This is a take-home task and hopefully shouldn't take a very long time to complete.

By way of preparation, we'll be giving you the weekend to review the attached secops test zip file, and will be asking you to present and discuss your findings as per the brief below in our next meeting.

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### Brief for the Test:

A development team is about to go live with a node application written in Typescript. As per the organisation's go-live process, this app will undergo a thorough security evaluation to determine if the app is ready to go live.

Product Managers are hoping to get this application out in a month. What is your recommendation?

Contained in the application:

- front-end code (login screen only)
- back-end code
- docker-compose setup (including relational database)
- CloudFormation Template that will be used for deployment

What we expect to see from you:

- A sound methodology for looking for potential vulnerabilities in an application (finding more obvious and less obvious vulnerabilities)
- Not only finding a vulnerability, but being able to explain what each one is and what the ramifications of it could be
- Coming up with and being able to articulate remediation.
- Identify potential docker security vulnerabilities
- Give it a go and try running the application

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We believe 2-3 hours is a good time cap but feel free to take your time, don't stress, and above all have fun with hacking into the project! :)