

A Day in the Life of a DevOps Team



Customer

Logs in - credentials are not accepted

A customer logs in and finds that her/his credentials are not accepted.



Product Owner

Issue detected

The Product Owner gets information about the impact of the issue from the monitoring software and assigns a Developer to solve it.



DevTester

CI runs functional tests

The first tests to run are the functional tests. Here, the tests were written by the DevTester and run on many devices and environments.



Developer

Developer implements a fix

The Developer was notified of the issue within her/his IDE that she/he needs to work, writes code to fix the problem and initiates a build. The team can see the build's progress in the pipeline. This is the continuous integration phase. The pipeline automatically executes a series of tests.



Performance Engineer

CI runs performance tests

If the functional tests all passed are followed by performance tests. The Performance Engineer ensure that the system is stable under load.



Security Tester

CI runs security Tests

And let's not forget about security. The Security Tester creates a series of tests that detect potential vulnerabilities in the code and reports the status back to the team's dashboard. The team constantly monitors the status of the pipeline. If there are problems, they are corrected immediately, and the build and the tests are run again.



All

Operate in Production

And lastly, the software is monitored in production to detect and correct any further issues. Everyone sees the dashboard. The whole team have visibility into what is happening in production, and they are ready to jump in and fix anything that goes wrong. The team continues to collaborate to provide maximum visibility to all the stakeholders.



Operations Engineer

Deploy to Production

As soon as all the tests have been completed successfully, the acceptance criteria for each user story have been achieved, and the quality is at the level expected, the Release Engineer works with the team to sign off, deploy and check the deployment.