GFT DevSecOps assessment

A standardised approach to quantify, measure and improve DevSecOps programme maturity

Making security a first class citizen

What?

The GFT DevSecOps assessment provides more than a team to carry out an audit assessment. The add-on programme ensures that the entire delivery team across both the client and GFT is measured in a standardised way to benchmark DevSecOps and Security maturity levels.

The assessment provides visual 'red-flag' mapping for areas of concern and a centralised remediation repository, along with valuable advice on making improvements.

Why?

The valuable outputs of the assessment will help improve delivery timelines, reduce cost and the need for expensive re-work.

Experience shows that undertaking regular assessments lead to greater team productivity and improved customer satisfaction, by setting a benchmark for continual improvement.

Focus

The GFT DevSecOps assessment covers all areas of DevOps project delivery, while also focusing on security aspects, including vulnerability and security standards. The full coverage of the assessment includes:

┐ Architecture

- Performance
- Reliability
- Availability
- Maintainability
- Scalability

┐ Process

- Continuous integration / continuous deployment
- Automation
- Version control
- Naming conventions
- Code review

┐ Security

- Vulnerability
- Know-how
- Processing
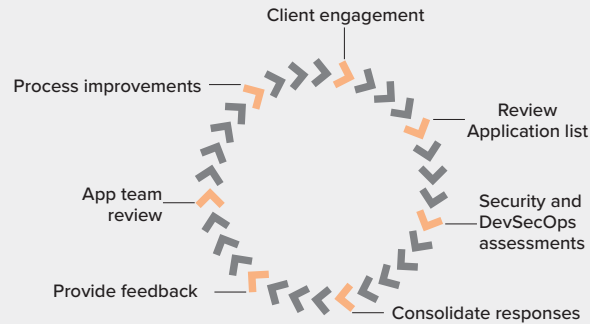- Management
- Security standards

┐ Testing

- Automation
- Reliability
- Business continuity
- Environment
- Reporting

The process ⌐

The GFT DevSecOps assessment process for an individual application development typically takes 30 hours overall, with active engagement from the client and GFT programme participants. It is undertaken by an experienced team of GFT DevSecOps analysts utilising our unique and robust methodology. Following an initial assessment session (3.5 hours), the GFT team run the assessment phase, covering all the pre-agreed areas to deliver an assessment report, highlighting areas of concern and advice on remediation. Once these areas are fixed, often a re-assessment is implemented to provide a complete surety of the process.
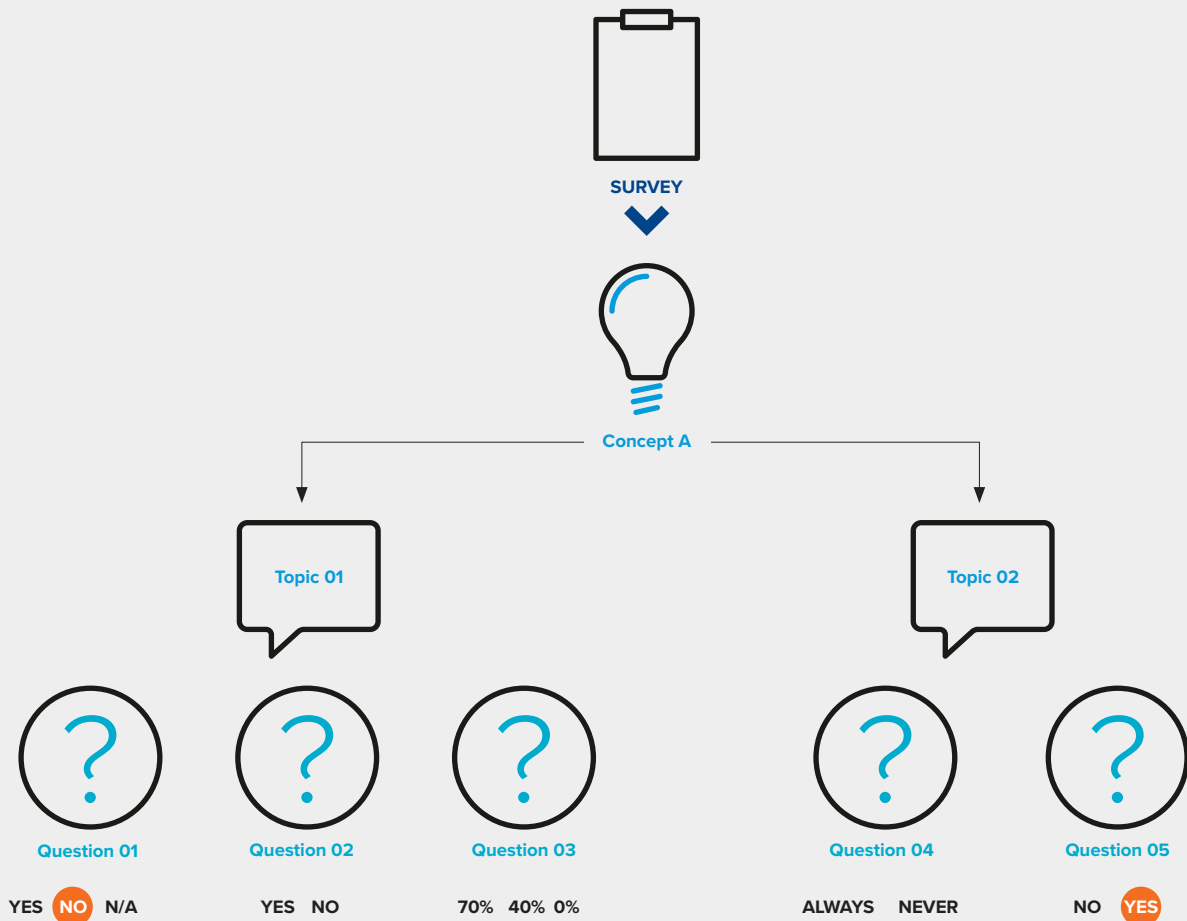

- Client engagement
- Review Application list
- Security and DevSecOps assessments
- Consolidate responses
- Provide feedback
- App team review
- Process improvements

Assessment structure ⌐

The structure of the assessment involves a detailed series of pre-defined questions tailored during the initial assessment session. These questions are scored according to a defined scoring pattern to provide a maturity score for all areas of the development programme that are in scope. Particular focus is placed on the security assessment, which includes tailored questions derived from the Open Web Application Security Project (OWASP).

SURVEY

Concept A

Topic 01

Topic 02

Question 01
YES NO N/A

Question 02
YES NO

Question 03
70% 40% 0%

Question 04
ALWAYS NEVER

Question 05
NO YES

Assessment results ⌐

The output from the assessment provides an overall programme score, and individual scoring across the various programme areas, highlighting high performance or where critical improvements are required. A heat-map visualises the various programme areas against the pre-defined benchmarks.

Concept	Maturity	Critical	Stage
Agility	82.1%		Established
Delivery	71.7%	❯	Established
Development	73.1%		Transitioning
Documentation	25.0%	❯	Mobilising
Governance	100.0%		Optimising
Improvements	78.6%		Transitioning
Operations	100.0%		Optimising
Releases	100.0%		Optimising
Testing	29.1%	❯	Mobilising
Overall	**64.2%**		

The ideal state for each element is 'Established', whilst 'Transitioning', 'Optimising' and 'Mobilising' are various progress levels.
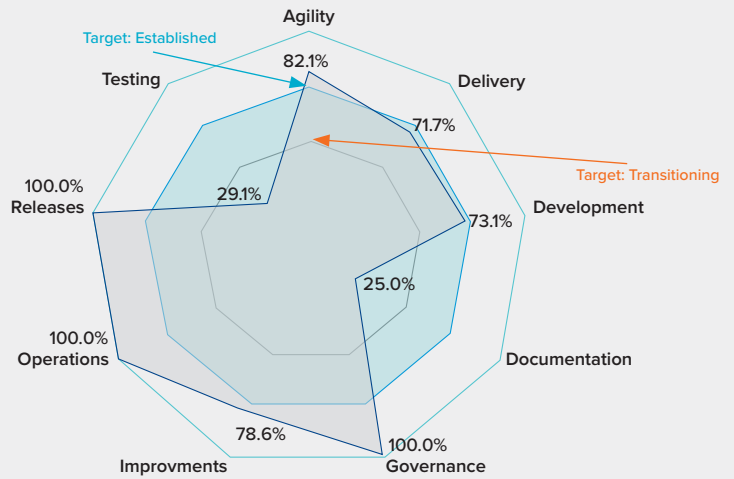
Satisfied customers ⌐

Whilst GFT is highly experienced at running DevOps programmes, the complexity of large transformational programmes involving client IT and security infrastructure means each is unique and fluid. Having a separate DevSecOps assessment programme running alongside is highly beneficial, leading to accelerated timeliness and reduced costs.

> ❝ **The GFT DevSecOps assessment team have delivered enormous benefit to our change programme; improving the maturity level of the programme across our own staff and the GFT development team has proven to be invaluable**

About GFT ⌐

🔊 blog.gft.com
🐦 twitter.com/gft_en
💼 linkedin.com/company/gft-group
📘 facebook.com/GFTGroup
🔲 ❯ **gft.com**

GFT is driving the digital transformation of the world's leading companies. With strong consulting and implementation skills across all aspects of pioneering technologies, GFT's clients gain faster access to new IT applications and business models. Founded in 1987, GFT employs over 5,000 people in 13 countries.