

Title – for example: Buffer overflow on XXXXXXXXX

1.1 Executive Summary

150-200 words. Intended audience is people who makes the business decisions (C-level management, with sufficient technical background). They want to know at a quick glance if the product is safe to ship, and if not, what is the problem and how much is going to cost to fix it. Should establish what has been tested, how (high level), findings, impact, actions already taken (if any) and recommendations in a succinct language. The rest of the report can be more technical in nature.

1.2 Testing performed

A short description of the nature of the testing performed, tools used, methodology and purpose of the testing.

1.3 Vulnerabilities detected

A summary of the vulnerabilities detected, with an assessment of the severity of the risk presented, pointing to the appropriate detail which should be collated in appendices.

1.4 Mitigation techniques

A list of available mitigation techniques recommended for the vulnerabilities found. These can include both security policies and mechanisms and should include an estimation of the reduction in threat.

1.5 Action taken

If any actions have already been taken, enumerate these here and point to the appropriate detail in the appendices. For example any code rewrite, refactor or addition. A short explanation of why these were necessary actions and the impact on threat level.

1.6 Preventative Measures

Any policies and procedures to be used in the development life cycle of the product to directly address and mitigate the security flaws detected, along with an assessment on the impact on the threat level.

1.7 Conclusion

This section should provide key points detailing any weaknesses in your approach, and how detection techniques could prevent this type of attack. Should include suggestions for possible improvements based on the material discussed in the body of the report. DO NOT INTRODUCE NEW MATERIAL. **Total number of words (including Executive Summary) 1000 - 1100 words.**

1.8 Appendices

All supporting information, evidence screenshots and results that support your report and its conclusions. This section and the next are not included in the word count.

1.9 Bibliography

Your bibliography should list, in alphabetical order by author, all published sources referred to in your report.

Penalty for exceeding max number of words in the body of the report:

If your report exceeds or lacks the appropriate number of words, the final mark will be subject to scaling. The scaling factor is dynamic and is calculated as per the following formulae:

- For reports with $900 < \text{words} < 1100$ words \rightarrow scaling factor = 1
- For reports with words > 1100 words \rightarrow scaling factor = $1000 / \text{Total number of words}$
- For reports with words < 900 \rightarrow scaling factor = $\text{total number of words} / 1000$