

VA Software Assurance Secure Coding Tips

Better Results May Be Achieved Using Fewer Scan Files

This week's Secure Coding Tip is about guarding against breaking up a single application into multiple HPE Security Fortify Static Code Analyzer (SCA) scans. Scanning source code to perform code review is an authorization requirement included in the Technical / Testing Requirements of the OCS Accreditation Requirements Guide / SOP [1] , and enforced as part of the ATO issuance process.[2]

One of the top issues[3] encountered by VA application developers using the HPE Security Fortify SCA software is breaking up a single application into too many scans. Some applications may need to be broken up into multiple scans. However, if the code is broken up into too many scans there is likely a problem with how the code has been divided up.

There are several steps you can take to resolve the issue.

[Read more...](#)

[1] "Accreditation Requirements Guide / Standard Operating Procedures", Office of Cyber Security (OCS) Assessment and Authorization intranet site.

[2] "Accreditation Requirements Expectation Memorandum" (Section 2.a.ii "Code Review"), VA Chief Information Security Officer (CISO) Stanley F. Lowe, March 19, 2014.

[3] [VA Top 10 Fortify Scan Issues For 2016 \(Q4\)](#)

[4] [VA Top 10 Fortify Scan Issues For 2016 \(Q4\), S10: Code broken into a large number of FPR files](#)

[5] [VA Secure Code Review SOP](#)

Resources

- [VA Software Assurance Support Site](#)
- [Request VA-licensed code review tools, validations, and support](#)
- [Latest VA Software Assurance Program Office announcements](#)
- [Check if your application has been registered \(internal link\)](#)

Reminders

- [Self-Paced VA Fortify End User Training is now available](#)
- [Self-Paced VA Secure Coding Training is now available](#)

- [The next working group meeting is on 10/11](#)

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