

VA Software Assurance Secure Coding Tips

Errors Encountered During Fortify Scans May Affect Results

This week's Secure Coding Tip is about errors reported during scans of source code using the HPE Fortify Static Code Analyzer (SCA) software. 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]

The top issue[3] this past quarter encountered by VA application developers using the HPE Fortify SCA software is not resolving scan errors[4]. Scan errors generally affect the results reported by HP Fortify SCA. All scan errors must be resolved according to the VA Secure Code Review Standard Operating Procedures (SOP)[5] to ensure the most accurate set of results.

There are several steps you should take to try 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 \(Q3\)](#)

[4] [VA Top 10 Fortify Scan Issues For 2016 \(Q3\), S1: Errors during scan](#)

[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](#)
- [Learn more about VA code review processes](#)
- [VA Working Group Registration Instructions](#)
- [VA Application Registration Instructions](#)

Reminders

- An update to VA Fortify and secure coding training course availability will be published soon
- An update to the VA Software Assurance working group schedule will be published soon

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