

# VA Software Assurance Secure Coding Tips

## HP Fortify Software Update Version 16.1 Released

This week's Secure Coding Tip is about the release of updated HP Fortify Static Code Analyzer (SCA) software, version 16.1 (note the change in Fortify software versioning to a YEAR.RELEASE structure). The most recent version of Fortify, and the complete, most recent set of the Fortify rulepacks must be used when scanning code, per the VA Secure Code Review Standard Operating Procedures (SOP).[1]

HP Fortify SCA enhancements include:

- Added support for languages and frameworks
  - Support for Objective-C++
  - Initial support for Swift
  - Xcode 7.3 and more
- Enhancements for:
  - Java and Javascript translator
  - C/C++ translator and more

Scanning source code to perform security-focused code review is an authorization requirement included in the Technical / Testing Requirements of the VA Office of Cyber Security (OCS) Accreditation Requirements Guide / SOP[2], and enforced as part of the ATO issuance process.[3]

[Read more...](#)

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

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

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

## 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**

- [The next instructor-led class is on 4/26](#)
- [The next working group meeting is on 5/9](#)

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