

[2020-11-25] Change Log

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Engine

- **QAK-5221** OPT.VB6.VBDC.VGNU low performance for one analysis.
- **QAK-5593** XML detected wrongfully as oracle forms.
- **QAK-5615** New rule CWE-759-Use of a One-Way Hash without a Salt.
- **QAK-5683** C files not parsed correctly.
- **QAK-5735** False Negative in "Guarantee that copies are made into storage of sufficient size" rule.
- **QAK-5921** False positive in OPT.CSHARP.PathTraversal and rule documentation improvement
- **QAK-5922** Other language with the DUP code rule.
- **QAK-5926** OPT.HTML.ObsoleteElements rule improvement.
- **QAK-5928** OPT.HTML.AddLabelForInputField rule improvement.
- **QAK-6024** CORS coverage improvement.
- **QAK-6162** @Override considered in the "Always use specific exceptions in the throws clause" rule.
- **QAK-6277** KLA crash with Java analysis over JSP files.
- **QAK-6347** False negatives in Everis-IT_Cpp.
- **QAK-6365** A log warning is shown when CCN is below the threshold and may lead to a low performance.
- **QAK-6414** OPT.JSP.SEC_JSP.TargetBlankVulnerability rule improvements.
- **QAK-6416** False positives in OPT.PYTHON.DJANGO.InsecureDirectObjectReferences rule.
- **QAK-6417** OPT.JAVA.SEC_JAVA.OpenRedirectRule improvement.
- **QAK-6418** Incorrect JSP/Razor (cshtml) data path lines.
- **QAK-6419** False positive in OPT.C.CERTC.MEM00 rule.
- **QAK-6422** Removed metafiles DTD files for specific technologies.
- **QAK-6425** CWE:400 'Regex Injection' instead of CWE:185.
- **QAK-6426** False positive in OPT.PLSQL.GEN_PLSQL.NDFexception.
- **QAK-6427** False negative in OPT.JAVASCRIPT.CrossSiteScripting.
- **QAK-6430** False negative in OPT.C.CERTC.EXP34 rule.
- **QAK-6437** False negative in OPT.JAVA.SEC_JAVA.CrossSiteScriptingRule.
- **QAK-6440** OPT.PHP.HttpSplitting rule enhancement.
- **QAK-6445** Rule OPT.XML.XSLT_MAN.NOUSEDPARAM only shows the last defect.
- **QAK-6446** Typescript not parsed correctly.
- **QAK-6447** Possible regression problems when analyzing Java files.
- **QAK-6448** Nullpointer in custom rule using com.als.core.rule.MetricThresholdsRule.
- **QAK-6452** Issue when analyzing with the rule OPT.COBOLE.MAN_COBOLE.VLIN: VALUES not aligned.
- **QAK-6454** False positive in the OPT.JAVA.IO.CS OPT.JAVA.IO.CS rule.
- **QAK-6456** Tainting propagation in method arguments improvement (.NET).
- **QAK-6457** Missing DataPath in OPT.CSHARP.OpenRedirect.
- **QAK-6458** .NET custom metadata malfunction for static method calls definitions.
- **QAK-6459** False positive in OPT.PYTHON.RELIABILITY.UnreachableCode.
- **QAK-6460** False positive "Avoid calling magic methods" in Python rule.
- **QAK-6463** C# parsing error in CSHTML files "MismatchedTokenException" has been fixed.
- **QAK-6464** Possible false positive in OPT.JAVA.CONV.ObjectTypeVerification.
- **QAK-6465** Kiuwan Local Analyzer does not execute JavaScript rules when there are only JSP files in basedir.
- **QAK-6468** OPT.ASPNET.CredentialsMisconfiguration error causes hardcoded password visibility.
- **QAK-6469** OPT.XML.XSLT_MAN.NONUSEDVARIABLES enhancement.
- **QAK-6470** OPT.JAVA.SEC_JAVA.SqlInjectionRule and metadata libraries support improvement.
- **QAK-6471** False negative in OPT.XML.XSLT_MAN.EFFICIENTUSEOFCHOOSE.
- **QAK-6473** False negative in OPT.VBNET.VBnet.RemoveUnusedLocals.
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- **QAK-6478** False negative in OPT.JAVASCRIPT.ERRORCOMUN.UnusedLocalVar.
- **QAK-6479** OPT.JSP.SEC_JSP.SpecifyIntegrityAttribute rule improvement.
- **QAK-6483** Unable to analyze application due timeout killed the sub-process java.lang.NullPointerException and high ccn complexity in several files.
- **QAK-6485** JavaScript not parsed correctly.
- **QAK-6486** Two validations done in integration tests should be moved to standard rule test, and testImplementationClassExist() should test something.
- **QAK-6487** Swift 5 Language supported version enhancement.
- **QAK-6489** RPG not parsed correctly when using EndSr opcode as the user identifier.
- **QAK-6490** False positives in OPT.JAVA.RGME.EAOF.
- **QAK-6491** Upgrade support for C# from v7 to v8.

- **QAK-6492** Add support for MatchKind.fullsignature in VB.NET CallSignature.
getMethodPredicate().
- **QAK-6495** COBOL file not parsed correctly.
- **QAK-6496** Parsing error in Cobol caused by the SWCOPY command.
- **QAK-6497** SQL file not parsed correctly.
- **QAK-6498** VB file not parsed correctly.
- **QAK-6500** CS file not parsed correctly.
- **QAK-6501** COBOL parsing error: "TYPE clause in data-description entry".
- **QAK-6502** False positive in OPT.PLSQL.SEC.WeakSymmetricEncryptionAlgorithm.
- **QAK-6503** NPE and OOM error while analyzing C++ and Java application.
- **QAK-6504** TypeScript Technology not parsed correctly.
- **QAK-6505** Few .tsx files not parsed correctly.
- **QAK-6506** False positive in GamoraDevOps application.
- **QAK-6509** False positive in Helios application.
- **QAK-6512** Strict dataflow analysis limit in OPT.COBOL.SEC.DynamicStorageLeakRule when complexity threshold exceeded.
- **QAK-6513** Add support for 'this' receiver parameter (Java 8).
- **QAK-6526** OOM errors when analyzing Typescript.
- **QAK-6533** StackOverflowError IndirectTaintingSitesTask.

Kiuwan Local Analyzer

- **QAK-5593** rules_oracleforms.key error does not exist.
- **QAK-6511** Cobol file not parsed correctly.
- **SAS-4155** KLA filter rules by priority.

Kiuwan

- **SAS-5152** When user deletes an analysis without label, many are hidden in the list
- **SAS-5184** After the user logs in for the first time, it's required to change the default password.
- **SAS-5213** Compare of Models is not matching correctly when the user "manually" returns the default values.
- **SAS-5321** After installing custom rule, the rule active status is NOK.
- **SAS-5323** Error when uploading only a jar file of custom rules.
- **SAS-5325** Error when downloading defects PDF in apps with large amounts of defects.
- **SAS-5326** Error in Insights checkpoint and partial delivery.
- **SAS-5390** Error in email notification after creating a new user.
- **SAS-5434** Explanation with invalid character cannot be inserted into DB.
- **SAS-5435** High memory consumption in session.
- **SAS-5437** Many alert notification sent when cannot connect to REDIS cluster.
- **SAS-5446** Distribution request to MongoDB from the mongo client in Kiuwan.
- **SAS-5450** The Endpoint /apps/list takes 116 seconds.