Validate Compliance Report

Project Details

Project	**integration**
Report By	NAVKIRAN_LAB_06
Tool/Version	Klocwork 24.1.0.77
Ruleset applied	Java
Revision/Build ID	build_1
Analysis date	2024-12-12 12:44:56

Compliance Summary

Number of files in project	299
Number of files with violations	59
Lines of Code (LOC)	10508
Number of rules disabled	50
Number of issues	88
Total number of deviations	0
Total number of rule violations	88

Rule summary

Rule	Checker	Description	Enabled	Violations	Deviations
ANDROID.LIFECYCLE.SV.FRAGMENTINJ	ANDROID.LIFECYCLE.SV.FRAGMENTINJ	Unvalidated fragment class name	true	0	0
ANDROID.LIFECYCLE.SV.GETEXTRA	ANDROID.LIFECYCLE.SV.GETEXTRA	Unvalidated external data	true	0	0
ANDROID.NPE	ANDROID.NPE	Dereference of a null value in an Android application	true	0	0
ANDROID.RLK.MEDIAPLAYER	ANDROID.RLK.MEDIAPLAYER	Media player is not released on exit	true	0	0
ANDROID.RLK.MEDIARECORDER	ANDROID.RLK.MEDIARECORDER	Media recorder is not released on exit	true	0	0
ANDROID.RLK.SQLCON	ANDROID.RLK.SQLCON	Sql connection is not closed on exit	true	0	0
ANDROID.RLK.SQLOBJ	ANDROID.RLK.SQLOBJ	Sql object is not closed on exit	true	0	0
ANDROID.UF.BITMAP	ANDROID.UF.BITMAP	Usage of recycled bitmap	true	0	0
ANDROID.UF.CAMERA	ANDROID.UF.CAMERA	Usage of released camera	true	0	0
ANDROID.UF.MEDIAPLAYER	ANDROID.UF.MEDIAPLAYER	Usage of released media player	true	0	0
ANDROID.UF.MEDIARECORDER	ANDROID.UF.MEDIARECORDER	Usage of released media recorder	true	0	0
CMP.CLASS	CMP.CLASS	Comparing by classname	**false**	-	-
CMP.OBJ	CMP.OBJ	Comparing objects with ==	true	0	0
CMP.STR	CMP.STR	Comparing strings with ==	true	0	0
CMPF.FLOAT	CMPF.FLOAT	Equality checks on floating point types should be avoided	true	0	0
COV.CMP	COV.CMP	Method compareTo() should have signature 'public int compareTo(Object)'	true	0	0
ECC.EMPTY	ECC.EMPTY	Empty catch clause	true	**3**	0
EHC.EQ	EHC.EQ	Class defines hashCode() but does not define equals()	true	0	0
EHC.HASH	EHC.HASH	Class defines equals() but does not define hashCode()	true	0	0
ESCMP.EMPTYSTR	ESCMP.EMPTYSTR	Inefficient empty string comparison	true	0	0
EXC.BROADTHROWS	EXC.BROADTHROWS	Method has an overly broad throws declaration	true	0	0
FIN.EMPTY	FIN.EMPTY	Empty finalize() method should be removed	true	0	0
FIN.NOSUPER	FIN.NOSUPER	Implementation of the finalize() method should call super.finalize()	true	0	0
FSC.PRT	FSC.PRT	Class and its superclass have protected fields with the same name	**false**	-	-
FSC.PRV	FSC.PRV	Class and its superclass have private fields with the same name	**false**	-	-
FSC.PUB	FSC.PUB	Class and its superclass have public fields with the same name	**false**	-	-
JAVA.SV.EMAIL.HOST	JAVA.SV.EMAIL.HOST	Sending e-mails to Host without validation.	true	0	0
JAVA.SV.XML.INVALID	JAVA.SV.XML.INVALID	XML is not validated before being unmarshalled to a Java object	true	0	0
JD.BITCMP	JD.BITCMP	Using non short-circuit logic in expression	true	0	0
JD.BITMASK	JD.BITMASK	Possible error in bit operations	true	0	0

Rule	Checker	Description	Enabled	Violations	Deviations
JD.BITR	JD.BITR	Redundant expression	true	0	0
JD.CALL.WRONGSTATIC	JD.CALL.WRONGSTATIC	Call to static method via instance reference	true	0	0
JD.CAST.COL.MIGHT	JD.CAST.COL.MIGHT	Possible ClassCastException for collection	**false**	-	-
JD.CAST.COL.MUST	JD.CAST.COL.MUST	ClassCastException for collection	true	0	0
JD.CAST.DOWNCAST	JD.CAST.DOWNCAST	Possible ClassCastException for subtypes	true	**5**	0
JD.CAST.KEY	JD.CAST.KEY	Suspicious key type used to retrieve an element from collection	true	0	0
JD.CAST.SUSP.MIGHT	JD.CAST.SUSP.MIGHT	Possible ClassCastException for different types	true	0	0
JD.CAST.SUSP.MUST	JD.CAST.SUSP.MUST	ClassCastException for different types	true	0	0
JD.CAST.UPCAST	JD.CAST.UPCAST	Possible ClassCastException for subtypes	true	0	0
JD.CATCH	JD.CATCH	Catching runtime exception	true	0	0
JD.CONCUR	JD.CONCUR	Possible ConcurrentModificationException	true	0	0
JD.EQ.ARR	JD.EQ.ARR	Calling 'equals' on array	true	0	0
JD.EQ.UTA	JD.EQ.UTA	Calling 'equals' on incompatible types (array and non-array)	true	0	0
JD.EQ.UTC	JD.EQ.UTC	Calling equals on incompatible types	true	0	0
JD.FINRET	JD.FINRET	Return inside finally	true	0	0
JD.IFBAD	JD.IFBAD	Redundant 'if' statement	true	0	0
JD.IFEMPTY	JD.IFEMPTY	Redundant 'if' statement. Unfinished code	true	**1**	0
JD.INF.ALLOC	JD.INF.ALLOC	Allocation within infinite loop	true	0	0
JD.INF.AREC	JD.INF.AREC	Apparent infinite recursion	true	0	0
JD.INST.TRUE	JD.INST.TRUE	Redundant 'instanceof' condition	true	0	0
JD.LIST.ADD	JD.LIST.ADD	Container added to itself	true	0	0
JD.LOCK	JD.LOCK	Lock without unlock	true	0	0
JD.LOCK.NOTIFY	JD.LOCK.NOTIFY	Method 'notify' called with locks held	true	0	0
JD.LOCK.SLEEP	JD.LOCK.SLEEP	Method 'sleep' called with locks held	true	0	0
JD.LOCK.WAIT	JD.LOCK.WAIT	Method 'wait' called with locks held	true	0	0
JD.METHOD.CBS	JD.METHOD.CBS	Method can be static	**false**	-	-
JD.NEXT	JD.NEXT	Possible 'NoSuchElementException'	true	0	0
JD.OVER	JD.OVER	Mismatched override	true	**3**	0
JD.RC.EXPR.CHECK	JD.RC.EXPR.CHECK	Test expression is always true	true	**1**	0
JD.RC.EXPR.DEAD	JD.RC.EXPR.DEAD	Redundant check causing dead code	**false**	-	-
JD.ST.POS	JD.ST.POS	Incorrect check for method 'indexOf'	true	0	0
JD.SYNC.DCL	JD.SYNC.DCL	Double-checked locking	true	0	0
JD.SYNC.IN	JD.SYNC.IN	Inconsistent synchronization	true	0	0
JD.THREAD.RUN	JD.THREAD.RUN	Explicit call to a 'Thread.run' method	true	0	0
JD.UMC.FINALIZE	JD.UMC.FINALIZE	Explicit call to method 'Object.finalize'	true	0	0
JD.UMC.RUNFIN	JD.UMC.RUNFIN	runFinalizersOnExit() is called	true	0	0
JD.UMC.WAIT	JD.UMC.WAIT	Wait called on incorrect object	true	0	0
JD.UN.MET	JD.UN.MET	Unused non-private method	**false**	-	-
JD.UN.PMET	JD.UN.PMET	Unused private method	true	**7**	0

Rule	Checker	Description	Enabled	Violations	Deviations
JD.UNCAUGHT	JD.UNCAUGHT	Uncaught exception	true	0	0
JD.UNMOD	JD.UNMOD	Modification of unmodifiable collection	true	0	0
JD.VNU	JD.VNU	Variable was never read after being assigned	true	**58**	0
JD.VNU.NULL	JD.VNU.NULL	Variable was never read after null being assigned	true	**5**	0
MNA.CAP	MNA.CAP	Method name should start with non-capital letter	true	**4**	0
MNA.CNS	MNA.CNS	Method name is same as constructor name but it is not a constructor	true	0	0
MNA.SUS	MNA.SUS	Suspicious method name	true	0	0
NPE.COND	NPE.COND	Null pointer dereference where null comes from condition	true	**1**	0
NPE.CONST	NPE.CONST	Null pointer dereference where null comes from constant	true	0	0
NPE.RET	NPE.RET	Dereference of a null value which is returned from a method	true	0	0
NPE.RET.UTIL	NPE.RET.UTIL	Dereference of a null value which is returned from a map or a collection	true	0	0
NPE.STAT	NPE.STAT	Null pointer dereference of a return value (statistical)	**false**	-	-
REDUN.DEF	REDUN.DEF	Assignment of expression to itself	true	0	0
REDUN.EQ	REDUN.EQ	Suspicious equals() called with same expression on both sides	true	0	0
REDUN.EQNULL	REDUN.EQNULL	Suspicious equals() called with expression and null (never true)	true	0	0
REDUN.FINAL	REDUN.FINAL	Redundant 'final' modifier	true	0	0
REDUN.NULL	REDUN.NULL	Usage of variable instead of null constant	true	0	0
REDUN.OP	REDUN.OP	Suspicious operation with same expression on both sides	true	0	0
RI.IGNOREDCALL	RI.IGNOREDCALL	The value returned by a method called on immutable object is ignored	true	0	0
RI.IGNOREDNEW	RI.IGNOREDNEW	Newly created object is ignored	true	0	0
RLK.AWT	RLK.AWT	AWT object is not disposed on exit	true	0	0
RLK.FIELD	RLK.FIELD	Possible leak of system resource stored in a field	true	0	0
RLK.HIBERNATE	RLK.HIBERNATE	Hibernate object is not closed on exit	true	0	0
RLK.IMAGEIO	RLK.IMAGEIO	ImageIO stream is not closed on exit	true	0	0
RLK.IN	RLK.IN	Input stream is not closed on exit	true	0	0
RLK.JNDI	RLK.JNDI	JNDI context is not closed on exit	true	0	0
RLK.JPA	RLK.JPA	{3} object is not closed on exit.	true	0	0
RLK.MAIL	RLK.MAIL	Java mail object is not closed on exit	true	0	0
RLK.MICRO	RLK.MICRO	Java Microedition connection is not closed on exit	true	0	0
RLK.NIO	RLK.NIO	NIO object is not closed on exit	true	0	0
RLK.OUT	RLK.OUT	Output stream is not closed on exit	true	0	0
RLK.SOCK	RLK.SOCK	Socket is not closed on exit	true	0	0
RLK.SQLCON	RLK.SQLCON	Sql connection is not closed on exit	true	0	0
RLK.SQLOBJ	RLK.SQLOBJ	Sql object is not closed on exit	true	0	0
RLK.SWT	RLK.SWT	SWT object is not disposed on exit	true	0	0
RLK.ZIP	RLK.ZIP	Zip file is not closed on exit	true	0	0
RNU.THIS	RNU.THIS	Compare this and null but this cannot be null	true	0	0
RR.IGNORED	RR.IGNORED	The returned value is ignored	true	0	0

Rule	Checker	Description	Enabled	Violations	Deviations
RTC.CALL	RTC.CALL	Type cast is redundant	true	0	0
SPRING.AUTHC.ABSENT	SPRING.AUTHC. ABSENT	No configuration for a critical resource	**false**	-	-
SPRING.AUTHC.MISSING	SPRING.AUTHC. MISSING	Missing authentication for critical function	true	0	0
SPRING.AUTHZ.ABSENT	SPRING.AUTHZ. ABSENT	No configuration for protected resource	**false**	-	-
SPRING.AUTHZ.MISSING	SPRING.AUTHZ. MISSING	Missing Authorization	true	0	0
STRCON.LOOP	STRCON.LOOP	Using append for string in a loop	true	0	0
SV.AUTH.BYPASS.MIGHT	SV.AUTH.BYPAS S.MIGHT	Incorrect Authentication	true	0	0
SV.AUTH.BYPASS.MUST	SV.AUTH.BYPAS S.MUST	Incorrect Authentication	true	0	0
SV.AUTH.HASH.MIGHT	SV.AUTH.HASH. MIGHT	Use of weak cryptographic algorithm	true	0	0
SV.AUTH.HASH.MUST	SV.AUTH.HASH. MUST	Use of weak cryptographic algorithm	true	0	0
SV.CERT.INVALID	SV.CERT.INVALI D	Certificate must be validated by constructing certification path.	true	0	0
SV.CLASSDEF.INJ	SV.CLASSDEF.I NJ	Runtime Class Definition Injection	true	0	0
SV.CLASSLOADER.INJ	SV.CLASSLOAD ER.INJ	Class Loader URL Injection	true	0	0
SV.CLEXT.CLLOADER	SV.CLEXT.CLLO ADER	Class extends 'java.lang.ClassLoader'	**false**	-	-
SV.CLEXT.POLICY	SV.CLEXT.POLI CY	Class extends 'java.security.Policy'	**false**	-	-
SV.CLLOADER	SV.CLLOADER	Direct use of Classloader	**false**	-	-
SV.CLONE.SUP	SV.CLONE.SUP	Class implements 'clone' method but does not implement Cloneable	**false**	-	-
SV.CSRF.GET	SV.CSRF.GET	CSRF Token in GET request	**false**	-	-
SV.CSRF.ORIGIN	SV.CSRF.ORIGI N	Request handler without an origin check	**false**	-	-
SV.CSRF.TOKEN	SV.CSRF.TOKE N	State changing request handler without a CSRF check	**false**	-	-
SV.DATA.BOUND	SV.DATA.BOUN D	Untrusted Data leaks into trusted storage	true	0	0
SV.DATA.DB	SV.DATA.DB	Data injection	true	0	0
SV.DATA.FILE	SV.DATA.FILE	A potentially harmful file could be uploaded and automatically processed	true	0	0
SV.DOS.ARRINDEX	SV.DOS.ARRIND EX	Tainted index used for array access	true	0	0
SV.DOS.ARRSIZE	SV.DOS.ARRSIZ E	Tainted size used for array allocation	true	0	0
SV.DOS.TMPFILEDEL	SV.DOS.TMPFIL EDEL	Leaving temporary file for lifetime of JVM	true	0	0
SV.DOS.TMPFILEEXIT	SV.DOS.TMPFIL EEXIT	Leaving temporary file	true	0	0
SV.ECV	SV.ECV	Empty certificate validation	**false**	-	-
SV.ECV.TRUSTMANAGER	SV.ECV.TRUST MANAGER	Unsafe implementation of the interface X509TrustManager.	**false**	-	-
SV.EMAIL	SV.EMAIL	Unchecked e-mail	true	0	0
SV.EXEC	SV.EXEC	Process Injection	true	0	0
SV.EXEC.DIR	SV.EXEC.DIR	Process Injection. Working Directory	true	0	0
SV.EXEC.ENV	SV.EXEC.ENV	Process Injection. Environment Variables	true	0	0
SV.EXEC.LOCAL	SV.EXEC.LOCAL	Process Injection. Local Arguments	true	0	0
SV.EXEC.PATH	SV.EXEC.PATH	Untrusted Search Path	true	0	0

Rule	Checker	Description	Enabled	Violations	Deviations
SV.EXPOSE.FIELD	SV.EXPOSE.FIELD	Static field may be changed by malicious code	**false**	-	-
SV.EXPOSE.FIN	SV.EXPOSE.FIN	Method finalize() should have protected access modifier, not public	**false**	-	-
SV.EXPOSE.IFIELD	SV.EXPOSE.IFIELD	Instance field should be made final	**false**	-	-
SV.EXPOSE.MUTABLEFIELD	SV.EXPOSE.MUTABLEFIELD	Static mutable field can be accessed by malicious code	**false**	-	-
SV.EXPOSE.RET	SV.EXPOSE.RET	Internal representation may be exposed	**false**	-	-
SV.EXPOSE.STORE	SV.EXPOSE.STORE	Method stores reference to mutable object	**false**	-	-
SV.HASH.NO_SALT	SV.HASH.NO_SALT	Use of a one-way cryptographic hash without a salt	true	0	0
SV.HTTP_SPLIT	SV.HTTP_SPLIT	Http Response Splitting	true	0	0
SV.IL.DEV	SV.IL.DEV	Design information leakage	true	0	0
SV.IL.FILE	SV.IL.FILE	File Name Leaking	true	0	0
SV.IL.SESSION	SV.IL.SESSION	Logging of session id	true	0	0
SV.IL.SESSION.CLIENT	SV.IL.SESSION.CLIENT	HttpServletRequest.getRequestedSessionId method should not be used.	true	0	0
SV.INT_OVF	SV.INT_OVF	Tainted data may lead to Integer Overflow	true	0	0
SV.LDAP	SV.LDAP	Unvalidated user input is used as LDAP filter	true	0	0
SV.LDAP.ANON	SV.LDAP.ANON	Incorrect authentication	true	0	0
SV.LOADLIB.INJ	SV.LOADLIB.INJ	Untrusted call to 'loadLibrary' method	true	0	0
SV.LOG_FORGING	SV.LOG_FORGING	Log Forging	true	0	0
SV.PASSWD.HC	SV.PASSWD.HC	Hardcoded Password	true	0	0
SV.PASSWD.HC.EMPTY	SV.PASSWD.HC.EMPTY	Empty Password	true	0	0
SV.PASSWD.HC.MINLEN	SV.PASSWD.HC.MINLEN	Minimum 15 character length Hardcoded Password	true	0	0
SV.PASSWD.PLAIN	SV.PASSWD.PLAIN	Plain-text Password	true	0	0
SV.PASSWD.PLAIN.HC	SV.PASSWD.PLAIN.HC	Plain-text Password	true	0	0
SV.PATH	SV.PATH	Path and file name injection	true	0	0
SV.PATH.INJ	SV.PATH.INJ	File injection	true	0	0
SV.PERMS.HOME	SV.PERMS.HOME	File created in user home directory, without setting permissions	true	0	0
SV.PERMS.WIDE	SV.PERMS.WIDE	Too wide permissions	true	0	0
SV.PRIVILEGE.MISSING	SV.PRIVILEGE.MISSING	Method invoked should not be inside doPrivileged block	true	0	0
SV.RANDOM	SV.RANDOM	Use of insecure Random number generator	true	0	0
SV.SCRIPT	SV.SCRIPT	Script Execution	true	0	0
SV.SENSITIVE.DATA	SV.SENSITIVE.DATA	Unencrypted sensitive data is written	true	0	0
SV.SENSITIVE.OBJ	SV.SENSITIVE.OBJ	Object with unencrypted sensitive data is stored	true	0	0
SV.SERIAL.INON	SV.SERIAL.INON	Interface extends 'Serializable'	**false**	-	-
SV.SERIAL.NOFINAL	SV.SERIAL.NOFINAL	Methods readObject() and writeObject() in serializable classes should be final	**false**	-	-
SV.SERIAL.NON	SV.SERIAL.NON	Class implements 'Serializable'	**false**	-	-
SV.SERIAL.NOREAD	SV.SERIAL.NOREAD	Method readObject() should be defined for a serializable class	**false**	-	-

Rule	Checker	Description	Enabled	Violations	Deviations
SV.SERIAL.NOWRITE	SV.SERIAL.NOWRITE	Method writeObject() should be defined for a serializable class	**false**	-	-
SV.SERIAL.OVERRIDE	SV.SERIAL.OVERRIDE	Do not invoke overridable methods from the readObject() method	true	0	0
SV.SERIAL.SIG	SV.SERIAL.SIG	Methods readObject() and writeObject() in serializable classes should have correct signature	**false**	-	-
SV.SESSION.FIXATION.COOKIE	SV.SESSION.FIXATION.COOKIE	Cookies should not be vulnerable to session fixation	true	0	0
SV.SHARED.VAR	SV.SHARED.VAR	Unsynchronized access to static variable from servlet	true	0	0
SV.SOCKETS	SV.SOCKETS	Bad practices: use of sockets	**false**	-	-
SV.SPRING.FIXATION	SV.SPRING.FIXATION	Session fixation protection is disabled	true	0	0
SV.SQL	SV.SQL	Sql Injection	true	0	0
SV.SQL.DBSOURCE	SV.SQL.DBSOURCE	Unchecked information from the database is used in SQL statements	true	0	0
SV.SSRF.URI	SV.SSRF.URI	URI based on invalidated user input.	true	0	0
SV.STRBUF.CLEAN	SV.STRBUF.CLEAN	String buffer not cleaned	**false**	-	-
SV.STRUTS.NOTRESET	SV.STRUTS.NOTRESET	Struts Forms: inconsistent reset	**false**	-	-
SV.STRUTS.NOTVALID	SV.STRUTS.NOTVALID	Struts Forms: inconsistent validate	**false**	-	-
SV.STRUTS.PRIVATE	SV.STRUTS.PRIVATE	Struts Forms: non-private fields	**false**	-	-
SV.STRUTS.RESETMET	SV.STRUTS.RESETMET	Struts Forms: reset method	**false**	-	-
SV.STRUTS.STATIC	SV.STRUTS.STATIC	Struts Forms: static fields	**false**	-	-
SV.STRUTS.VALIDMET	SV.STRUTS.VALIDMET	Struts Forms: validate method	**false**	-	-
SV.STRUTS.VER	SV.STRUTS.VER	Usage of vulnerable Apache Struts version	true	0	0
SV.TAINT	SV.TAINT	Tainted data	**false**	-	-
SV.TAINT_NATIVE	SV.TAINT_NATIVE	Tainted data goes to native code	true	0	0
SV.TMPFILE	SV.TMPFILE	Temporary file path tampering	true	0	0
SV.UMC.EXIT	SV.UMC.EXIT	The System.exit() and Runtime.exit() method calls should not be used in servlets code	**false**	-	-
SV.UMC.JDBC	SV.UMC.JDBC	Application should avoid calling to DriverManager.getConnection() directly	**false**	-	-
SV.UMC.THREADS	SV.UMC.THREADS	Bad practices: use of thread management	**false**	-	-
SV.UMD.MAIN	SV.UMD.MAIN	Leftover debug code - main method	**false**	-	-
SV.USE.POLICY	SV.USE.POLICY	Direct use methods of Policy	**false**	-	-
SV.WEAK.CRYPT	SV.WEAK.CRYPT	Use of a Broken or Risky Cryptographic Algorithm	true	0	0
SV.WEAK.KEYS.AES	SV.WEAK.KEYS.AES	Insufficient key length in Cryptographic Algorithm	true	0	0
SV.WEAK.KEYS.DH	SV.WEAK.KEYS.DH	Insufficient key length in Cryptographic Algorithm	true	0	0
SV.WEAK.KEYS.DSA	SV.WEAK.KEYS.DSA	Insufficient key length in Cryptographic Algorithm	true	0	0
SV.WEAK.KEYS.EC	SV.WEAK.KEYS.EC	Insufficient key length in Cryptographic Algorithm	true	0	0
SV.WEAK.KEYS.RSA	SV.WEAK.KEYS.RSA	Insufficient key length in Cryptographic Algorithm	true	0	0
SV.WEAK.TLS	SV.WEAK.TLS	Weak SSL/TLS protocols should not be used.	true	0	0

Rule	Checker	Description	Enabled	Violations	Deviations
SV.XPATH	SV.XPATH	Unvalidated user input is used as an XPath expression	true	0	0
SV.XSS.COOKIE	SV.XSS.COOKIE	Sensitive cookie without setHttpOnly flag	true	0	0
SV.XSS.COOKIE.SECURE	SV.XSS.COOKIE .SECURE	Sensitive cookie without Secure protocol	true	0	0
SV.XSS.DB	SV.XSS.DB	Cross Site Scripting (Stored XSS)	true	0	0
SV.XSS.REF	SV.XSS.REF	Cross Site Scripting (Reflected XSS)	true	0	0
SV.XXE.DBF	SV.XXE.DBF	Possibility for XML External Entity attack	true	0	0
SV.XXE.SF	SV.XXE.SF	Possibility for XML External Entity attack	true	0	0
SV.XXE.SPF	SV.XXE.SPF	Possibility for XML External Entity attack	true	0	0
SV.XXE.TF	SV.XXE.TF	Possibility for XML External Entity attack	true	0	0
SV.XXE.XIF	SV.XXE.XIF	Possibility for XML External Entity attack	true	0	0
SV.XXE.XRF	SV.XXE.XRF	Possibility for XML External Entity attack	true	0	0
SYNCH.NESTED	SYNCH.NESTED	Synchronized method calls another synchronized method with the same lock held	true	0	0
SYNCH.NESTEDS	SYNCH.NESTED S	Synchronized static method calls another synchronized static method with the same lock held	true	0	0
UC.BOOLB	UC.BOOLB	Unnecessary creation of new Boolean object from a boolean expression	true	0	0
UC.BOOLS	UC.BOOLS	Unnecessary creation of new Boolean object from a string expression	true	0	0
UC.STRS	UC.STRS	Unnecessary creation of new String object from a string expression	true	0	0
UC.STRV	UC.STRV	Unnecessary creation of empty String object	true	0	0
UF.IMAGEIO	UF.IMAGEIO	Usage of closed ImageIO stream	true	0	0
UF.IN	UF.IN	Usage of closed input stream	true	0	0
UF.JNDI	UF.JNDI	Usage of closed JNDI context	true	0	0
UF.MAIL	UF.MAIL	Usage of closed Java mail object	true	0	0
UF.MICRO	UF.MICRO	Usage of closed Java Microedition connection	true	0	0
UF.NIO	UF.NIO	Usage of closed NIO object	true	0	0
UF.OUT	UF.OUT	Usage of closed output stream	true	0	0
UF.SOCK	UF.SOCK	Usage of closed socket	true	0	0
UF.SQLCON	UF.SQLCON	Usage of closed SQL connection	true	0	0
UF.SQLOBJ	UF.SQLOBJ	Usage of closed SQL object	true	0	0
UF.ZIP	UF.ZIP	Usage of closed zip file	true	0	0
UMC.EXIT	UMC.EXIT	The System.exit() method call is unwanted	**false**	-	-
UMC.GC	UMC.GC	The System.gc() method call is unwanted	**false**	-	-
UMC.SYSERR	UMC.SYSERR	Debug print using System.err method calls is unwanted	**false**	-	-
UMC.SYSOUT	UMC.SYSOUT	Debug print using System.out method calls is unwanted	**false**	-	-
UMC.TOSTRING	UMC.TOSTRING	Unnecessary toString() method called for a String argument	true	0	0