

The following vulnerability queries are either new or have been updated for this version.

Language Name	Package Name	Query Name	CWE ID	Status
CPP	CPP_Buffer_Overflow	Buffer_Improper_Index_Access	129	Update
CPP	CPP_Buffer_Overflow	Buffer_Overflow_LongString	120	Update
CPP	CPP_Buffer_Overflow	Buffer_Overflow_Wrong_Buffer_Size	131	Update
CPP	CPP_Buffer_Overflow	Improper_Null_Termination	170	Update
CPP	CPP_Medium_Threat	Memory_Leak	401	Update
CPP	CPP_Best_Coding_Practice	Buffer_Size_Literal_Condition	118	Update
CPP	CPP_MISRA_C_2012	R03_X_Comments	0	Update
CSharp	CSharp_High_Risk	Deserialization_of_Untrusted_Data_MSMQ	502	Update
CSharp	CSharp_High_Risk	Reflected_XSS_All_Clients	79	Update
CSharp	CSharp_High_Risk	Stored_XSS	79	Update
CSharp	CSharp_Medium_Threat	Unsafe_Object_Binding	915	Update
Dart	Dart_Mobile_High_Risk	Unencrypted_Sensitive_Information_in_Publicly_Accessible_Cloud_Storage	922	Update
Dart	Dart_Mobile_High_Risk	Unsafe_Reflection	470	Update
Dart	Dart_Mobile_Medium_Threat	Absolute_Path_Traversal	36	New
Dart	Dart_Mobile_Medium_Threat	Improper_Certificate_Validation	295	Update
Dart	Dart_Mobile_Medium_Threat	Information_Exposure_Through_Query_String	598	Update
Dart	Dart_Mobile_Medium_Threat	Insecure_WebSocket_Connection	319	New
Dart	Dart_Mobile_Medium_Threat	Relative_Path_Traversal	23	Update
Dart	Dart_Mobile_Medium_Threat	Third_Party_Keyboards_On_Sensitive_Field	0	Update
Dart	Dart_Mobile_Low_Visibility	Encrypted_Sensitive_Information_in_Publicly_Accessible_Cloud_Storage	922	Update
Dart	Dart_Mobile_Low_Visibility	Unencrypted_Sensitive_Information_in_Internal_Storage	922	Update
Dart	Dart_Mobile_Low_Visibility	Unencrypted_Sensitive_Information_in_Temporary_File	377	Update
Dart	Dart_Mobile_Low_Visibility	User_Information_in_Publicly_Accessible_Storage	922	Update
Dart	Dart_Mobile_Best_Coding_Practice	WebView_Cache_Information_Leak	0	Update
Go	Go_Medium_Threat	Cleartext_Transmission_Of_Sensitive_Information	319	Update
Go	Go_Medium_Threat	Insecure_Value_of_the_SameSite_Cookie_Attribute_in_Code	1275	New
Go	Go_Medium_Threat	Reflected_Absolute_Path_Traversal	36	Update
Go	Go_Medium_Threat	Reflected_Relative_Path_Traversal	23	Update
Go	Go_Medium_Threat	Trust_Proxy_On	348	New
Go	Go_Medium_Threat	Unsafe_Object_Binding	0	New
Go	Go_Low_Visibility	Deprecated_API	477	Update
Go	Go_Low_Visibility	Open_Redirect	601	Update
Go	Go_Low_Visibility	Race_Condition_In_Cross_Functionality	362	Update
Java	Java_Android	Insecure_WebView_Usage	829	Update

Language Name	Package Name	Query Name	CWE ID	Status
Java	Java_Android	Insufficient_Sensitive_Application_Layer	319	Update
Java	Java_Android	Side_Channel_Data_Leakage	200	Update
Java	Java_Android	Use_of_WebView_AddJavascriptInterface	749	Update
Java	Java_AWS_Lambda	AWS_Credentials_Leak	200	Update
Java	Java_GWT	GWT_Reflected_XSS	79	Update
Java	Java_High_Risk	JSF_Local_File_Inclusion	98	Update
Java	Java_High_Risk	Second_Order_SQL_Injection	89	Update
Java	Java_High_Risk	Stored_XSS	79	Update
Java	Java_Android	Client_Side_Injection	89	Update
Java	Java_Android	Improper_Verification_Of_Intent_By_Broadcast_Receiver	925	Update
Java	Java_Android	Poor_Authorization_and_Authentication	287	Update
Java	Java_Android	Use_Of_Implicit_Intent_For_Sensitive_Communication	927	Update
Java	Java_Android	Weak_Encryption	326	Update
Java	Java_AWS_Lambda	Permission_Manipulation_in_S3	285	Update
Java	Java_GWT	GWT_DOM_XSS	79	Update
Java	Java_Medium_Threat	CGI_Stored_XSS	79	Update
Java	Java_Medium_Threat	Cleartext_Submission_of_Sensitive_Information	319	Update
Java	Java_Medium_Threat	DoS_by_Sleep	834	Update
Java	Java_Medium_Threat	Download_of_Code_Without_Integrity_Check	494	Update
Java	Java_Medium_Threat	Excessive_Data_Exposure	201	Update
Java	Java_Medium_Threat	External_Control_of_Critical_State_Data	642	Update
Java	Java_Medium_Threat	Frameable_Login_Page	829	Update
Java	Java_Medium_Threat	Hardcoded_password_in_Connection_String	547	Update
Java	Java_Medium_Threat	HttpOnlyCookies	1004	Update
Java	Java_Medium_Threat	JSF_Managed_Bean_PII_Leak	359	Update
Java	Java_Medium_Threat	JWT_Lack_Of_Expiration_Time	613	Update
Java	Java_Medium_Threat	JWT_Sensitive_Information_Exposure	201	Update
Java	Java_Medium_Threat	JWT_Use_Of_Hardcoded_Secret	798	Update
Java	Java_Medium_Threat	Privacy_Violation	359	Update
Java	Java_Medium_Threat	Process_Control	114	Update
Java	Java_Medium_Threat	ReDoS_In_Pattern	400	Update
Java	Java_Medium_Threat	Reliance_on_Cookies_without_Validation	565	Update
Java	Java_Medium_Threat	Same_Seed_in_PRNG	336	Update
Java	Java_Medium_Threat	SSL_Verification_Bypass	599	Update
Java	Java_Medium_Threat	SSRF	918	Update
Java	Java_Medium_Threat	Use_of_a_One_Way_Hash_without_a_Salt	759	Update

Language Name	Package Name	Query Name	CWE ID	Status
Java	Java_Spring	Spring_CSRF	352	Update
Java	Java_Spring	Spring_Missing_X_Frame_Options	1021	Update
Java	Java_Android	Client_Side_ReDoS	400	Update
Java	Java_Android	Copy_Paste_Buffer_Caching	922	Update
Java	Java_Android	Failure_To_Implement_Least_Privilege	250	Update
Java	Java_Android	Implicit_Intent_With_Read_Write_Permissions	668	Update
Java	Java_Android	Information_Leak_Through_Response_Caching	524	Update
Java	Java_Android	Insecure_Data_Storage	312	Update
Java	Java_Android	Insecure_Data_Storage_Usage	312	Update
Java	Java_Android	Insufficient_Application_Layer_Protect	311	Update
Java	Java_Android	Keyboard_Cache_Information_Leak	524	Update
Java	Java_Android	No_Installer_Verification_Implemented	829	Update
Java	Java_Android	Non_Encrypted_Data_Storage	311	Update
Java	Java_Android	Passing_Non_Encrypted_Data_Between_Activities	319	Update
Java	Java_Android	Use_of_Native_Language	695	Update
Java	Java_AWS_Lambda	Hardcoded_AWS_Credentials	798	Update
Java	Java_AWS_Lambda	Race_Condition_Global_Scope	1108	Update
Java	Java_GWT	JSON_Hijacking	352	Update
Java	Java_Low_Visibility	Authorization_Bypass_Through_User_Controlled_SQL_PrimaryKey	566	Update
Java	Java_Low_Visibility	Channel_Accessible_by_NonEndpoint	300	Update
Java	Java_Low_Visibility	Cleansing_Canonicalization_and_Comparison_Errors	171	Update
Java	Java_Low_Visibility	Collapse_of_Data_into_Unsafe_Value	182	Update
Java	Java_Low_Visibility	Cookie_Overly_Broad_Path	539	Update
Java	Java_Low_Visibility	Creation_of_Temp_File_in_Dir_with_Incorrect_Permissions	379	Update
Java	Java_Low_Visibility	Creation_of_Temp_File_With_Insecure_Permissions	378	Update
Java	Java_Low_Visibility	Divide_By_Zero	369	Update
Java	Java_Low_Visibility	ESAPI_Same_Password_Repeats_Twice	521	Update
Java	Java_Low_Visibility	Exposure_of_System_Data	497	Update
Java	Java_Low_Visibility	File_Permissions_World_Readable	732	Update
Java	Java_Low_Visibility	Heap_Inspection	244	Update
Java	Java_Low_Visibility	Improper_Resource_Access_Authorization	285	Update
Java	Java_Low_Visibility	Improper_Resource_Locking	413	Update
Java	Java_Low_Visibility	Improper_Resource_Shutdown_or_Release	404	Update
Java	Java_Low_Visibility	Information_Exposure_Through_an_Error_Message	209	Update
Java	Java_Low_Visibility	Information_Exposure_Through_Debug_Log	534	Update
Java	Java_Low_Visibility	Information_Exposure_Through_Query_String	598	Update

Language Name	Package Name	Query Name	CWE ID	Status
Java	Java_Low_Visibility	Information_Exposure_Through_Server_Log	533	Update
Java	Java_Low_Visibility	Information_Leak_Through_Shell_Error_Message	535	Update
Java	Java_Low_Visibility	Insufficient_Session_Expiration	613	Update
Java	Java_Low_Visibility	Insufficiently_Protected_Credentials	522	Update
Java	Java_Low_Visibility	Integer_Overflow	190	Update
Java	Java_Low_Visibility	Integer_Underflow	191	Update
Java	Java_Low_Visibility	JWT_Excessive_Expiration_Time	613	Update
Java	Java_Low_Visibility	JWT_Use_Of_None_Algorithm	287	Update
Java	Java_Low_Visibility	Logic_Time_Bomb	511	Update
Java	Java_Low_Visibility	Object_Hijack	491	Update
Java	Java_Low_Visibility	Portability_Flaw_Locale_Dependent_Comparison	474	Update
Java	Java_Low_Visibility	Potential_ReDoS	400	Update
Java	Java_Low_Visibility	Potential_ReDoS_In_Static_Field	400	Update
Java	Java_Low_Visibility	Race_Condition	362	Update
Java	Java_Low_Visibility	Reliance_on_Cookies_in_a_Decision	784	Update
Java	Java_Low_Visibility	Reliance_on_DNS_Lookups_in_a_Decision	350	Update
Java	Java_Low_Visibility	Sensitive_Cookie_in_HTTPS_Session_Without_Secure_Attribute	614	Update
Java	Java_Low_Visibility	Serializable_Class_Containing_Sensitive_Data	499	Update
Java	Java_Low_Visibility	TOCTOU	367	Update
Java	Java_Low_Visibility	Unsynchronized_Access_To_Shared_Data	567	Update
Java	Java_Low_Visibility	Use_of_Broken_or_Risky_Cryptographic_Algorithm	327	Update
Java	Java_Low_Visibility	Use_of_Hard_coded_Security_Constants	547	Update
Java	Java_Low_Visibility	Use_Of_Hardcoded_Password	259	Update
Java	Java_Low_Visibility	Use_Of_Hardcoded_Password_In_Config	260	Update
Java	Java_Low_Visibility	Use_of_RSA_Algorithm_without_OAEP	780	Update
Java	Java_Low_Visibility	Using_Referer_Field_for_Authentication	293	Update
Java	Java_Low_Visibility	UTF7_XSS	79	Update
Java	Java_Spring	Spring_Missing_Content_Security_Policy	346	Update
Java	Java_Spring	Spring_Missing_X_Content_Type_Options	693	Update
Java	Java_Spring	Spring_Missing_XSS_Protection_Header	693	Update
Java	Java_Spring	Spring_Use_of_Broken_or_Risky_Cryptographic_Primitive	327	Update
Java	Java_Spring	Spring_Use_Of_Hardcoded_Password	259	Update
Java	Java_Android	WebView_Cache_Information_Leak	524	Update
Java	Java_Best_Coding_Practice	Access_Specifier_Manipulation	284	Update
Java	Java_Best_Coding_Practice	Call_to_Thread_run	572	Update
Java	Java_Best_Coding_Practice	Catch_NullPointerException	395	Update

Language Name	Package Name	Query Name	CWE ID	Status
Java	Java_Best_Coding_Practice	clone_Method_Without_super_clone	580	Update
Java	Java_Best_Coding_Practice	Comparison_of_Classes_By_Name	486	Update
Java	Java_Best_Coding_Practice	Critical_Public_Variable_Without_Final_Modifier	493	Update
Java	Java_Best_Coding_Practice	Dead_Code	561	Update
Java	Java_Best_Coding_Practice	Declaration_of_Throws_for_Generic_Exception	397	Update
Java	Java_Best_Coding_Practice	Detection_of_Error_Condition_Without_Action	390	Update
Java	Java_Best_Coding_Practice	Direct_Use_of_Sockets	246	Update
Java	Java_Best_Coding_Practice	Dynamic_File_Inclusion	829	Update
Java	Java_Best_Coding_Practice	Dynamic_Set_Of_Null_SecurityManager	274	Update
Java	Java_Best_Coding_Practice	Dynamic_SQL_Queries	89	Update
Java	Java_Best_Coding_Practice	Empty_Synchronized_Block	585	Update
Java	Java_Best_Coding_Practice	ESAPI_Banned_API	676	Update
Java	Java_Best_Coding_Practice	Explicit_Call_to_Finalize	586	Update
Java	Java_Best_Coding_Practice	Exposure_of_Resource_to_Wrong_Sphere	493	Update
Java	Java_Best_Coding_Practice	finalize_Method_Declared_Public	583	Update
Java	Java_Best_Coding_Practice	finalize_Method_Without_super_finalize	568	Update
Java	Java_Best_Coding_Practice	GOTO_Statement	699	Update
Java	Java_Best_Coding_Practice	Incorrect_Conversion_between_Numeric_Types	681	Update
Java	Java_Best_Coding_Practice	Missing_XML_Validation	112	Update
Java	Java_Best_Coding_Practice	Pages_Without_Global_Error_Handler	544	Update
Java	Java_Best_Coding_Practice	Portability_Flaw_In_File_Separator	474	Update
Java	Java_Best_Coding_Practice	Potentially_Serializable_Class_With_Sensitive_Data	499	Update
Java	Java_Best_Coding_Practice	Redirect_Without_Exit	698	Update
Java	Java_Best_Coding_Practice	Reliance_On_Untrusted_Inputs_In_Security_Decision	807	Update
Java	Java_Best_Coding_Practice	Uncontrolled_Recursion	674	Update
Java	Java_Best_Coding_Practice	Undocumented_API	1059	Update
Java	Java_Best_Coding_Practice	Unused_Variable	563	Update
Java	Java_Best_Coding_Practice	Use_of_Inner_Class_Containing_Sensitive_Data	492	Update
Java	Java_Best_Coding_Practice	Use_of_Obsolete_Functions	477	Update
Java	Java_Best_Coding_Practice	Use_of_System_Output_Stream	398	Update
Lua	Lua_High_Risk	Command_Injection	77	Update
Lua	Lua_High_Risk	Deserialization_of_Untrusted_Data	74	New
Lua	Lua_High_Risk	Reflected_XSS_All_Clients	79	Update
Lua	Lua_High_Risk	Stored_Command_Injection	77	Update
Lua	Lua_High_Risk	Stored_XSS	79	Update
Lua	Lua_Medium_Threat	CSRF	352	New

Language Name	Package Name	Query Name	CWE ID	Status
Lua	Lua_Medium_Threat	DoS_by_Sleep	834	Update
Lua	Lua_Medium_Threat	DoS_from_Evil_Regex	400	Update
Lua	Lua_Medium_Threat	DoS_from_RegEx_Injection	400	Update
Lua	Lua_Medium_Threat	Excessive_Data_Exposure	201	New
Lua	Lua_Medium_Threat	Hashing_Length_Extension_Attack	326	New
Lua	Lua_Medium_Threat	JWT_Use_Of_Hardcoded_Secret	798	Update
Lua	Lua_Medium_Threat	Misconfigured_HSTS_Header	346	Update
Lua	Lua_Medium_Threat	Open_Redirect	601	Update
Lua	Lua_Medium_Threat	Privacy_Violation	359	Update
Lua	Lua_Medium_Threat	Secret_Leak	200	New
Lua	Lua_Medium_Threat	Secret_Leak_in_JWT	200	New
Lua	Lua_Low_Visibility	Command_Argument_Injection	78	Update
Lua	Lua_Low_Visibility	Heap_Inspection	244	New
Lua	Lua_Low_Visibility	Improper_Exception_Handling	248	Update
Lua	Lua_Low_Visibility	Information_Exposure_Through_Server_Log	359	Update
Lua	Lua_Low_Visibility	Insufficient_Session_Expiration	613	Update
Lua	Lua_Low_Visibility	JWT_No_Expiration_Time_Validation	613	Update
Lua	Lua_Low_Visibility	JWT_No_NotBefore_Validation	304	Update
Lua	Lua_Low_Visibility	Log_Forging	117	New
Lua	Lua_Low_Visibility	Missing_Content_Security_Policy	346	New
Lua	Lua_Low_Visibility	Missing_Framing_Policy	1021	Update
Lua	Lua_Low_Visibility	Missing_HSTS_Header	346	New
Lua	Lua_Low_Visibility	Null_Pointer_Dereference	457	Update
Lua	Lua_Low_Visibility	Password_In_Comment	615	Update
Lua	Lua_Low_Visibility	PCI_Data_Exposure	200	New
Lua	Lua_Low_Visibility	PCI_Data_Exposure_in_Error_Messages	200	New
Lua	Lua_Low_Visibility	PCI_Data_Exposure_in_Files	200	New
Lua	Lua_Low_Visibility	PCI_Data_Exposure_in_JWT	200	New
Lua	Lua_Low_Visibility	PCI_Data_Exposure_in_Logs	200	New
Lua	Lua_Low_Visibility	PCI_Data_Exposure_in_URL	200	New
Lua	Lua_Low_Visibility	Permissive_Content_Security_Policy	346	New
Lua	Lua_Low_Visibility	Privacy_Violation_in_Error_Messages	200	New
Lua	Lua_Low_Visibility	Privacy_Violation_in_Files	200	New
Lua	Lua_Low_Visibility	Privacy_Violation_in_JWT	200	Update
Lua	Lua_Low_Visibility	Privacy_Violation_in_Logs	200	New
Lua	Lua_Low_Visibility	Privacy_Violation_in_URL	200	New

Language Name	Package Name	Query Name	CWE ID	Status
Lua	Lua_Low_Visibility	Reliance_on_DNS_Lookups_in_a_Decision	350	Update
Lua	Lua_Low_Visibility	Secret_Leak_in_Error_Messages	200	New
Lua	Lua_Low_Visibility	Secret_Leak_in_Files	200	New
Lua	Lua_Low_Visibility	Secret_Leak_in_Logs	200	New
Lua	Lua_Low_Visibility	Secret_Leak_in_URL	200	New
Lua	Lua_Low_Visibility	Server_Information_Exposure	200	New
Lua	Lua_Low_Visibility	Server_Information_Exposure_via_Misconfiguration	200	New
Lua	Lua_Low_Visibility	Stored_Command_Argument_Injection	78	Update
Lua	Lua_Low_Visibility	Use_Of_Hardcoded_Password_In_Config	260	New
Lua	Lua_Low_Visibility	Using_Referer_Field_for_Authentication	287	Update
Lua	Lua_Best_Coding_Practice	Use_of_Evil_Regex	0	New
Lua	Lua_Best_Coding_Practice	Use_of_Native_Language	695	New
Objc	Apple_Secure_Coding_Guide	Jailbreak_File_Referenced_By_Name	668	Update
PHP	PHP_High_Risk	Deserialization_of_Untrusted_Data	502	Update
PHP	PHP_High_Risk	Stored_XPath_Injection	643	Update
PHP	PHP_Low_Visibility	Command_Argument_Injection	88	New
PHP	PHP_Low_Visibility	Comparison_Timing_Attack	208	New
PHP	PHP_Low_Visibility	Cookie_Overly_Broad_Path	539	New
PHP	PHP_Low_Visibility	Cookie_Overly_Broad_Path_In_Config	539	New
PHP	PHP_Low_Visibility	Error_Messages_Misconfiguration	209	New
PHP	PHP_Low_Visibility	Missing_Framing_Policy	1021	New
PHP	PHP_Low_Visibility	Stored_Command_Argument_Injection	88	New
PHP	PHP_Best_Coding_Practice	Outdated_Encryption_Algorithm	326	New
PHP	PHP_Best_Coding_Practice	Outdated_Hashing_Function	328	New
PHP	PHP_Best_Coding_Practice	Use_of_Evil_Regex	400	New
Python	Python_Medium_Threat	Object_Access_Violation	610	Update
Python	Python_Medium_Threat	ReDoS_Injection	400	Update
Scala	Scala_Medium_Threat	Use_of_a_One_Way_Hash_with_a_Predictable_Salt	760	Update
Scala	Scala_Medium_Threat	Use_of_a_One_Way_Hash_without_a_Salt	759	Update