Checkmarx

NEW AND UPDATED VULNERABILITY QUERIES

v9.6.2

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

Language Name	Package Name	Query Name	CWE ID	Status
Apex	Apex_Force_com_Code_Quality	Test_Assert_Without_Message	0	Update
Apex	Apex_Force_com_Code_Quality	Test_Methods_With_No_Assert	0	Update
CPP	CPP_Buffer_Overflow	Buffer_Overflow_Wrong_Buffer_Size	131	Update
Go	Go_High_Risk	Stored_Command_Injection	77	Update
Go	Go_High_Risk	Stored_XSS_All_Clients	79	Update
Go	Go_AWS_Lambda	Permission_Manipulation_In_S3	285	Update
Go	Go_Medium_Threat	Stored_Absolute_Path_Traversal	36	Update
Go	Go_Medium_Threat	Stored_Relative_Path_Traversal	23	Update
Go	Go_AWS_Lambda	Unrestricted_Read_S3	639	Update
Go	Go_AWS_Lambda	Unrestricted_Write_S3	639	Update
Go	Go_Low_Visibility	Stored_Command_Argument_Injection	88	Update
Groovy	Groovy_Low_Visibility	Object_Hijack	491	Update
Groovy	Groovy_Low_Visibility	Unsynchronized_Access_To_Shared_Data	567	Update
Groovy	Groovy_Best_Coding_Practice	Exposure_of_Resource_to_Wrong_Sphere	493	Update
Java	Java_AWS_Lambda	AWS_Credentials_Leak	200	Update
Java	Java_AWS_Lambda	DynamoDB_NoSQL_Injection	74	Update
Java	Java_High_Risk	Unsafe_Reflection	470	Update
Java	Java_AWS_Lambda	Permission_Manipulation_in_S3	285	Update
Java	Java_Medium_Threat	DoS_by_Sleep	834	Update
Java	Java_Medium_Threat	Privacy_Violation	359	Update
Java	Java_Spring	Spring_Missing_HSTS_Header	346	Update
Java	Java_AWS_Lambda	Unrestricted_Write_S3	639	Update
Java	Java_Low_Visibility	Exposure_of_System_Data	497	Update
Java	Java_Low_Visibility	Object_Hijack	491	Update
Java	Java_Low_Visibility	Plaintext_Storage_in_a_Cookie	315	Update
Java	Java_Low_Visibility	Unsynchronized_Access_To_Shared_Data	567	Update
Java	Java_Spring	Spring_defaultHtmlEscape_Not_True	10711	Update
Java	Java_Best_Coding_Practice	Exposure_of_Resource_to_Wrong_Sphere	493	Update
Java	Java_Best_Coding_Practice	Potentially_Serializable_Class_With_Sensitive_Data	499	Update
JavaScript	JavaScript_High_Risk	Client_DOM_Stored_XSS	79	Update
JavaScript	JavaScript_High_Risk	Client_DOM_XSS	79	Update
JavaScript	Javascript_Kony	Kony_Reflected_XSS	79	Update
JavaScript	Javascript_Kony	Kony_Stored_XSS	79	Update
JavaScript	JavaScript_Server_Side_Vulnerabilities	Insecure_Storage_of_Sensitive_Data	933	Update

Language Name	Package Name	Query Name	CWE ID	Status
JavaScript	JavaScript_Server_Side_Vulnerabilities	Second_Order_SQL_Injection	89	Update
JavaScript	JavaScript_Server_Side_Vulnerabilities	SQL_Injection	89	Update
JavaScript	JavaScript_AWS_Lambda	Race_Condition_Global_Scope	366	Update
JavaScript	JavaScript_Medium_Threat	Unchecked_Input_For_Loop_Condition	606	Update
JavaScript	JavaScript_Server_Side_Vulnerabilities	Cleartext_Storage_Of_Sensitive_Information	312	Update
JavaScript	JavaScript_Server_Side_Vulnerabilities	Missing_Encryption_of_Sensitive_Data	311	Update
JavaScript	JavaScript_Server_Side_Vulnerabilities	Sensitive_Information_Over_HTTP	319	Update
JavaScript	JavaScript_Server_Side_Vulnerabilities	Password_Weak_Encryption	261	Update
JavaScript	JavaScript_Server_Side_Vulnerabilities	Poor_Database_Access_Control	285	Update
Kotlin	Kotlin_Medium_Threat	DoS_by_Sleep	834	Update
PHP	PHP_High_Risk	Command_Injection	77	Update
PHP	PHP_Medium_Threat	Missing_Encryption_of_Sensitive_Data	311	Update
PHP	PHP_Low_Visibility	Error_Messages_Misconfiguration	209	Update
PHP	PHP_Low_Visibility	Unsafe_Use_Of_Target_Blank	1022	Update
Python	Python_High_Risk	Code_Injection	94	Update
Python	Python_High_Risk	Command_Injection	77	Update
Python	Python_High_Risk	Connection_String_Injection	99	Update
Python	Python_High_Risk	LDAP_Injection	90	Update
Python	Python_High_Risk	Local_File_Inclusion	829	Update
Python	Python_High_Risk	Reflected_XSS_All_Clients	79	Update
Python	Python_High_Risk	Second_Order_SQL_Injection	89	Update
Python	Python_High_Risk	SQL_Injection	89	Update
Python	Python_High_Risk	Stored_XSS	79	Update
Python	Python_High_Risk	Unsafe_Deserialization	502	Update
Python	Python_High_Risk	XPath_Injection	643	Update
Python	Python_AWS_Lambda	Race_Condition_Global_Scope	366	Update
Python	Python_Medium_Threat	Communication_Over_HTTP	319	Update
Python	Python_Medium_Threat	Cookie_Poisoning	472	Update
Python	Python_Medium_Threat	Django_Missing_Object_Level_Authorization	862	Update
Python	Python_Medium_Threat	Hardcoded_Password_in_Connection_String	547	Update
Python	Python_Medium_Threat	Header_Injection	113	Update
Python	Python_Medium_Threat	Object_Access_Violation	610	Update
Python	Python_Medium_Threat	Open_Redirect	601	Update
Python	Python_Medium_Threat	Parameter_Tampering	472	Update
Python	Python_Medium_Threat	Path_Traversal	22	Update
Python	Python_Medium_Threat	Privacy_Violation	359	Update

Language Name	Package Name	Query Name	CWE ID	Status
Python	Python_Medium_Threat	ReDoS_In_Replace	400	Update
Python	Python_Medium_Threat	SSRF	918	Update
Python	Python_Medium_Threat	Stored_Command_Injection	77	Update
Python	Python_Medium_Threat	Stored_LDAP_Injection	90	Update
Python	Python_Medium_Threat	Uncontrolled_Format_String	134	Update
Python	Python_AWS_Lambda	Unrestricted_Delete_S3	639	New
Python	Python_AWS_Lambda	Unrestricted_Read_S3	639	Update
Python	Python_AWS_Lambda	Unrestricted_Write_S3	639	Update
Python	Python_Low_Visibility	Marshmallow_Dumping_Without_Validation	1173	New
Python	Python_Best_Coding_Practice	Use_of_Unknown_Fields	0	New