


# ESOP SECURITY ANALYSIS REPORT

Analyzed on: Thu Mar 11 2021 at 01:47:08

Product Family: MME	
Current Product Details	Benchmark Product Details
Available From: March 2 2021	Available From: Feb 10 2021
Vendor: Nokia	Vendor: Cisco
Current Version: 2.1.12	Current Version: 21.07.09.1345
Score: 710	Score: 800
	

ESOP ANALYSIS SUMMARY REPORT	
TOP 3 Successful Validations	TOP 3 Unsuccessful Validations
SQL Injection Neutralization	Unrestricted Upload of File with Dangerous Type
Hardened Base OS image	Device can be attacked using spoofed MIME type files
OAuth 2.0 support and RBAC into configuration capabilities	No detection mechanism when critical application files are modified

## Detailed Report

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 43 VIOLATIONS

THREAT LEVEL	SEVERITY	CURRENT PRODUCT Test Result	BENCHMARK PRODUCT Test Result	TEST CASES
9	Severe	Passed	Passed	Improper Neutralization of Input During Web Page Generation ('Cross-site Scripting')
9	Severe	Failed	Passed	Unrestricted Upload of File with Dangerous Type. Input files SHOULD be tested for spoofed MIME types.
9	Severe	Passed	Passed	Improper Neutralization of Special Elements used in an SQL Command ('SQL Injection')
9	Severe	Passed	Passed	The VNF SHOULD support OAuth 2.0 authorization using an external Authorization Server.
9	Severe	Passed	Failed	Improper Neutralization of Special Elements used in an OS Command ('OS Command Injection')
7	Medium	Failed	Passed	The VNF SHALL activate security alarms automatically when it detects the successful modification of a critical system or application file.
5	Medium	Passed	Passed	Deserialization of Untrusted Data
4	Medium	Failed	Failed	commons-fileupload : commons-fileupload : 1.3.2
3	Medium	Failed	Passed	org.apache.logging.log4j : log4j-core : 2.12.1