

Windchill Extension Security Report

Example - Config

Security Level C

Approvals and Review	
Approved By	
Date	
Reviewed By	
Review Date	

Details	
Generated	2024/12/08 15:19
Group Id	com.wincomplm
Artifact Id	wex-example-config
Name	Example - Config
Version	2.0bfalse
Beta	Yes
Windchill Version	13.0
Description	Extension config examples
System Extension	No
Approvals	Not set
Generated by	simonh@wincom-plm.com

Security


Details			
CVE Check	N/A	WVE Check	✓
Check Style	N/A	Obfuscated	N/A
Isolated codebase	✓	Sonar	N/A
Contrast	✓	Signed	✓
Jar Signed	N/A	Threat Model	N/A

CVE Suppressions		
ID	Reason	Reference

Security Information	
Level A	
Offers services to other systems	N/A
Server to server with other systems	N/A
Browser based communication with other systems	N/A
Stores and manages credentials	N/A
Any direct database access	N/A
Level B	
Escalation privilege access to Windchill	N/A
Administration Only UIs	N/A
Direct access UIs e.g. downloads	N/A
Requires XSS/CSRF testing	N/A
Level C	
Implements a Windchill UI	✓

Windchill Vulnerabilities and Exposures

Minimum Level D

Records				
Level B				
ID	Description	File	Lines	Approved
WVE-2022-0501	JSP calls backend, possible XSS, CSRF and access issue	test.jsp	[6]	

Software Component Analysis (SCA)

Java Libraries				
Group	Artifact	Version	Sonar	Approved
com.wincomplm	wex-annotations-config	2.0-SNAPSHOT	Link	✓
com.wincomplm	wex-config-aux	1.7-13.0	Link	✓
com.wincomplm	wt-security-commons	2.0-13.0-SNAPSHOT	Link	✓
com.google.code.gson	gson	2.11.0		✓
com.google.errorprone	error_prone_annotations	2.27.0		✓
com.googlecode.owasp-java-html-sanitizer	java10-shim	20240325.1		✓
com.googlecode.owasp-java-html-sanitizer	java8-shim	20240325.1		✓
com.googlecode.owasp-java-html-sanitizer	owasp-java-html-sanitizer	20240325.1		✓

End Points

These represent the external attack surface of the extension and indicates where certain types of testing will be required. Note a false in the OK indicates the End Point has not been reviewed.

JSP End Points							
Name	Description	Params	Action	OK	Admin	XSS	CSRF
test	test.jsp	n/a	n/a	✗			

Rest End Points	
Name	Description

Configuration

The configuration options for both Site Admin and Extension Business Configuration

Business Manager Options				
Category	Name	Type	Description	Required
Business Admin	businessString	String	An option visible to the business admins	false

Admin Options				
Category	Name	Type	Description	Required
Basic	exampleString	String	Simple string	false
Basic	exampleBoolean	boolean	Boolean	false
Collections	exampleList	List	String list	false
Collections	exampleMap	Map	String map	false
Collections	exampleStateList	List	String list with handler	false
Security	examplePassword	String	Password	false

Build Configuration

Maven Plugins		
Group	Artifact	Version
com.wincomplm	wex-audit-doc	2.0-SNAPSHOT
com.wincomplm	wex-packager	2.0-SNAPSHOT
com.wincomplm	wex-remapper	2.0-SNAPSHOT
com.wincomplm	wex-security-doc	2.0-SNAPSHOT
com.wincomplm	wex-testplan-doc	2.0-SNAPSHOT
com.wincomplm	wex-windchill-api-scan	2.0-SNAPSHOT
org.apache.maven.plugins	maven-checkstyle-plugin	3.2.1
org.apache.maven.plugins	maven-clean-plugin	3.2.0
org.apache.maven.plugins	maven-compiler-plugin	3.11.0
org.apache.maven.plugins	maven-deploy-plugin	3.1.1
org.apache.maven.plugins	maven-install-plugin	3.1.1
org.apache.maven.plugins	maven-jar-plugin	3.2.0
org.apache.maven.plugins	maven-resources-plugin	3.3.1
org.apache.maven.plugins	maven-site-plugin	3.12.1
org.apache.maven.plugins	maven-surefire-plugin	3.2.2
org.owasp	dependency-check-maven	8.4.3

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