

Windchill Extension Security Report

Example - Resources

Security Level C

Approvals and Review	
Approved By	
Date	
Reviewed By	
Review Date	

Details	
Generated	2025/12/14 13:21
Group Id	com.wincomplm
Artifact Id	wex-example-resources
Name	Example - Resources
Version	2.0-RCerr:rc
Release Type	Release
Windchill Version	13.0
Description	Shows how to load resources
System Extension	No
Approvals	Not set
Generated by	Not available

Date format is yyyy-mm-dd

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 Level Assessment	
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

The minimum level is calculated using which WVEs are present in the code. The final security level is manually assessed and may be higher.

Minimum Level **B**

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

Software Component Analysis (SCA)

These are the 3rd party libraries used by the code and the tick shows they are approved for usage.
All libraries are scanned for vulnerabilities.

Libraries			
Group	Artifact	Version	Approved

Local library usage

These are libraries used by the code each of which is sent to be scanned by Sonar for vulnerabilities.

Libraries				
Group	Artifact	Version	Sonar	Reviewed
com.wincomplm	wt-framework-commons	2.4-13.0	Link	
com.wincomplm	wex-loadconfig-commons	1.6-13.0	Link	
com.wincomplm	wex-store-commons	2.4-13.0	Link	
com.wincomplm	wt-security-commons	2.4-13.0	Link	

End Points

These represent the external attack surface of the extension and indicates where certain types of testing will be required. Note all rows must have a tick to indicate they have been reviewed.

JSP End Points							
Name	Description	Params	Action		Admin	XSS	CSRF
diags	utils\diags.jsp	n/a	n/a	✖			
run-diags	utils\run-diags.jsp	n/a	n/a	✖			

Rest End Points	
Name	Description

Configuration

The configuration options for both Site Admin and Extension Business Configuration

Windchill Extension Administrator				
Category	Name	Type	Description	Required

Site Admin

Category	Name	Type	Description	Required
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Build Configuration

Maven Plugins		
Group	Artifact	Version
com.wincomplm	wex-audit-doc	2.4
com.wincomplm	wex-packager	2.4
com.wincomplm	wex-remapper	2.4
com.wincomplm	wex-security-doc	2.4
com.wincomplm	wex-summary-doc	2.4
com.wincomplm	wex-testplan-doc	2.4
com.wincomplm	wex-windchill-api-scan	2.4
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	12.1.1

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