



Windchill Extension Test Plan

Example - Security

Details	
Generated	2024/07/17 23:32
Group Id	gov.nasa
Artifact Id	wex-example-security
Name	Example - Security
Version	1.15
Beta	No
Windchill Version	12.0
Description	Hello to the world of security
System Extension	No

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WVE Review									
ID		Category	Review	Security	Other	Execution	Manual	Reference	
Description									
Example Review all WVES									
Actions									
<ul style="list-style-type: none"> - 501 - All back end access secure - 501 - global.jspf - Secure backend call only - 502 - ZipHelper.java - File creation secured 									

Hello World Test

ID

Category

Functional

Security

NA

Execution

Automatic

Reference

Description

This an auto test of a basic Hello World page

Actions

- Do this
- Do that



windchill®

wcadmin

Search

Browse



Recently Visited

- ECAD
- GOLF_CART
- Drive System
- Power System

Search | Browse

Result

It works

windchill®

wcadmin



All Types

Search

Quick Links

Recently Accessed

Products

GOLF_CART

Actions

Folder - Design

(5 objects)

Folders

Name

Search in selected folder

GOLF_CART

Design

Excel Loader

Manufacturing

Rep export

Folder Contents

All

Actions

Number

Name

Version

State

Last Modified

1

2023-04-24 08:22 PDT

LT_ARM

A.1 (Design)

In Work

2021-12-10 01:54 PST

RT_ARM

A.1 (Design)

In Work

2021-12-10 01:54 PST

HUB_CAP

A.1 (Design)

In Work

2021-12-10 01:54 PST

TIRE

A.1 (Design)

In Work

2021-12-10 01:54 PST

WHEEL_HUB

A.1 (Design)

In Work

2021-12-10 01:54 PST

AXLE_SLEEVE

A.1 (Design)

In Work

2021-12-10 01:54 PST

BEARING_AXLE

A.1 (Design)

In Work

2021-12-10 01:54 PST

WHEEL_AXLE

A.1 (Design)

In Work

2021-12-10 01:54 PST

WHEELS_ASSEM

A.1 (Design)

In Work

2021-12-10 01:54 PST

CARD HOLDER

A.1 (Design)

In Work

2021-12-10 01:54 PST

HANDLE

A.1 (Design)

In Work

2021-12-10 01:54 PST

UPPER_BAG HOLDER

A.1 (Design)

In Work

2021-12-10 01:54 PST

UPPER_SLIDER

A.1 (Design)

In Work

2021-12-10 01:54 PST

BOTTOM_SLIDER_C

A.1 (Design)

In Work

2021-12-10 01:54 PST

BOTTOM_SLIDER

A.1 (Design)

In Work

2021-12-10 01:54 PST

UPPER_SUPPORT

A.1 (Design)

In Work

2021-12-10 01:54 PST

PBI

A.1 (Design)

In Work

2021-12-10 01:54 PST

LOWER_BAG_HOLD

A.1 (Design)

In Work

2021-12-10 01:54 PST

SUPPORT_CAP

A.1 (Design)

In Work

2021-12-10 01:54 PST

LOWER_SUPP_BAR

A.1 (Design)

In Work

2021-12-10 01:54 PST

LOWER_SUPPORT

A.1 (Design)

In Work

2021-12-10 01:54 PST

NUT_L8

A.1 (Design)

In Work

2021-12-10 01:54 PST

BOLT_L8

A.1 (Design)

In Work

2021-12-10 01:54 PST

ACTUATOR_LOCK

A.1 (Design)

In Work

2021-12-10 01:54 PST

UPPER_ACTUATOR

A.1 (Design)

In Work

2021-12-10 01:54 PST

LOWER_RIGHT_ARM

A.1 (Design)

In Work

2021-12-10 01:54 PST

UPPER_RIGHT_ARM

A.1 (Design)

In Work

2021-12-10 01:54 PST

LOWER_RIGHT_AC

A.1 (Design)

In Work

2021-12-10 01:54 PST

RIGHT_ACTUATOR

A.1 (Design)

In Work

2021-12-10 01:54 PST

NUT_L4

A.1 (Design)

In Work

2021-12-10 01:54 PST

BOLT_L4

A.1 (Design)

In Work

2021-12-10 01:54 PST

AXLE FASTENER

A.1 (Design)

In Work

2021-12-10 01:54 PST

Secure Test									
ID		Category	Functional	Security	NA	Execution	Automatic	Reference	
Description									
This an auto test of a secure request									

Security test 1									
ID		Category	Security	Security	Other	Execution	Manual	Reference	
Description									
<p>Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt explicabo. Nemo enim ipsam voluptatem quia voluptas sit aspernatur aut odit aut fugit, sed quia consequuntur magni dolores eos qui ratione voluptatem sequi nesciunt. Neque porro quisquam est, qui dolorem ipsum quia dolor sit amet, consectetur, adipisci velit, sed quia non numquam eius modi tempora incidunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim ad minima veniam, quis nostrum exercitationem ullam corporis suscipit laboriosam, nisi ut aliquid ex ea commodi consequatur? Quis autem vel eum iure reprehenderit qui in ea voluptate velit esse quam nihil molestiae consequatur, vel illum qui dolorem eum fugiat quo voluptas nulla pariatur?</p>									

Other test 1									
ID		Category	Custom	Security	Other	Execution	Manual	Reference	
Description									
<p>At vero eos et accusamus et iusto odio dignissimos ducimus qui blanditiis praesentium voluptatum deleniti atque corrupti quos dolores et quas molestias excepturi sint occaecati cupiditate non provident, similique sunt in culpa qui officia deserunt mollitia animi, id est laborum et dolorum fuga. Et harum quidem rerum facilis est et expedita distinctio. Nam libero tempore, cum soluta nobis est eligendi optio cumque nihil impedit quo minus id quod maxime placeat facere possimus, omnis voluptas assumenda est, omnis dolor repellendus. Temporibus autem quibusdam et aut officiis debitis aut rerum necessitatibus saepe eveniet ut et voluptates repudiandae sint et molestiae non recusandae. Itaque earum rerum hic tenetur a sapiente delectus, ut aut reiciendis voluptatibus maiores alias consequatur aut perferendis doloribus asperiores repellat.</p>									

Permissions Test									
ID		Category	Security	Security	Other	Execution	Manual	Reference	SEC-46
Description									
The test will evaluate the role-based access control system in place. It will ensure that user roles are clearly defined, and permissions are associated with these roles. In this case, the focus is on the "admin" role and its exclusive access to the UI.									

Input Validation									
ID		Category	Security	Security	Other	Execution	Manual	Reference	SEC-46
Description									
Test that validates and sanitizes input data received from request parameters to ensure it adheres to expected formats and ranges.									

Request parameter test									
ID		Category	Security	Security	Other	Execution	Manual	Reference	SEC-46
Description									
Calling xxx.jsp try to pass an oid that is not accessible by the current user									

XSS test									
ID		Category	Security	Security	Other	Execution	Manual	Reference	SEC-46
Description									
Call xxx.jsp Ensure XSS security									

CSRF xxxxx.jsp test									
ID		Category	Security	Security	Other	Execution	Manual	Reference	SEC-46
Description									
Ensure INVALID_NONCE is returned xxxx.jsp									

Access xxxxx.jsp test									
ID		Category	Security	Security	Other	Execution	Manual	Reference	SEC-46
Description									
Ensure that unauthorized users cannot access files by manipulating the file path. xxxxx.jsp									

Privilege escalation using session									
ID		Category	Security	Security	Other	Execution	Manual	Reference	SEC-46
Description									
<p>Ensure that unauthorized users cannot escalate privileges. DocumentCreator</p>									

CSRF Do table action test									
ID		Category	Security	Security	Other	Execution	Manual	Reference	SEC-46
Description									
Call xxxxx.jsp Ensure INVALID_NONCE is returned									

Do table action(param action) test									
ID		Category	Security	Security	Other	Execution	Manual	Reference	SEC-46
Description									
Call xxxxx.jsp Ensure XSS security									

FormProcessor param test									
ID		Category	Security	Security	Other	Execution	Manual	Reference	SEC-46
Description									
Call FormProcessor Ensure XSS security									

Create escalation privilege test									
ID		Category	Security	Security	Other	Execution	Manual	Reference	SEC-46
Description									
Ensure that unauthorized users cannot escalate privileges									