Custom Components

Custom Components

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A customer will be able to add, modify, and delete custom components. Also, adding their own information about private vulnerabilities and licenses associated with custom components.

The customer can add components to Kiuwan, which may be custom or not. A custom component should be custom when the customer is the component owner or is a modification of the other public component.

For example a custom component may be:

- Group name: com.my.component
- Artifact name: component-core
- Version: 1.0.0
- · Language: java

Required Permissions

Only users granted with Application Management permission are allowed to access Policies Management modules, add custom components, private vulnerabilities, or associate licenses to custom components.

How to manage components in Kiuwan Insights

You can manage components using the REST API defined below Insights Custom Components: https://st atic.kiuwan.com/rest-api/kiuwan-rest-api.html Another way is through the Kiuwan website.

1. Go to Insights Management in the setting menu.

	~			
2023/05/22 - 2	Audits Management			
	Models Management			
	Reports Management			
	Account Management			
	Application Management			
	Users Management			
	Insights Management			
	Activity			
	Documentation			
	Download Kiuwan Local Analyzer			
	Log Out			

2. Select Custom Components.



Below, the custom components administration in the Kiuwan website:



3. You can add new custom components by selecting Add Custom Component, located at the Custom Components hamburger menu.



4. In the Add Custom Component screen, fill the custom component data form.





In the list of custom components you have the following actions:

- **Remove custom attribute:** Removes the custom attribute, but the component will still exist and the data could be replaced by the public data if the component is public.
- Modify custom data: Updates the custom components data.
- Modify licenses: Modify associated licenses to custom components.
- Delete component: This option is enabled if no public component with the same group name, artifact name, version, language exists. Also, if the component has not an analysis.

51/5					
Component	Version	Language Override public component	Published date	Description	
commons-collections.commons-collections		.005	1999/06/09/00.00	Description	~
commons fileupload commons fileupload	13	Jana 🖌	2023/00/03 12:35	Hydesc 2	~
≠ giati	3.0	njihon 🕷	2020/06/02 00:00	Nuevo componente de prueba	×
> g2.st2	100	Jana 🗶	2020/06/03 02:00		Tempre outom attribute
≯ geuphetument	103	.ist K	3010/09/03 13 15	deci.	Nodifycustom data Nodify Licenses Balata component

Remove custom attribute

This action removes the custom attribute, but the component will still exist and the data could be replaced by the public data if the component is public.

Modify custom data

The option "Modify licenses" modifies associated licenses to custom components. If you select this option a pop-up opens where you could modify the licenses associated to custom components.

Modify licenses

The option "Modify licenses" helps you modify associated licenses to custom components. If you select this option a pop-up opens where you can modify the licenses associated to custom components.

MODIFY LICENSES COMPON	IENT						ж	
								ì
Component	Version	Lang	Her.	Apply default licenses	Published citte	Description		
commons-collections.commons- collections	11	je je		8	2006/08/22 00:00	Types that extend and augm Collections framework.	ercthe Java	
License		SPOKcode	Type	URL		Risk		
Apache License 2.0		Apache-2.0	Permissive	https://spdi.org/licenses/Apache-	-2.0 honi	💶 🌩		
🔦 Amazon Digital Services License		ADSL.	Permissive	https://spdi.org/foerses/406Lht	mi		Deletz	
Apache License 1.0		Apache 1.0	Permissive	https://spdi.org/foetses/Appo/e	1.0/mml		Quietz .	
🔦 GNU General Public License v1.0 only		GFU1.0	Copylek:	https://spds.org/formes/0Pb-1.0	hori	110 (Celetz	
Add license: 350 Q								
License		SPOK.code	Type	UR,		Risk		
Apache License 1.1		Apache-1.1	Permissive	https://spdi.org/licenses/Apache	-1.1 humi	💶 🔶	144	
Apache Saltware Licences		MS-License	NonOpenSource	https://www.microsoft.com/web/	webpijesia/net_library_esla_ensi.htm		Add	1
C44470							100	÷.
CARAC							2001	

- You can delete associated licenses by the customer or add new licenses, and select if you want to apply for default licenses or not. To delete associated licenses you must click **Delete** located next to the Risk column.
- Search for new licenses in the Add license search box, and select the licenses by clicking Add located next to the Risk column.
- After you finished modifying the licenses component, click SAVE.

Delete Component

This option will be enabled if does not exist a public component with the same group name, artifact name, version, and language, and the component has not in an analysis

This option deletes the component and it will not appear in the obsolescence data for other components with the same group name, artifact name, and language.

How to manage private vulnerabilities in Kiuwan Insights

You can manage components using the REST API defined below Insights Custom Components: https://st atic.kiuwan.com/rest-api/kiuwan-rest-api.html Another way is through the Kiuwan website.

You must go to Insights Management in the setting menu:

1. Go to Insights Management in the setting menu.

	· ·
2023/05/22 - 2	Audits Management
	Models Management
	Reports Management
	Account Management
	Application Management
	Users Management
	Insights Management
	Activity
	Documentation
	Download Kiuwan Local Analyzer
	Log Out

2. Select Private Vulnerabilities.

3. You can add new private vulnerabilities by selecting Add Private Vulnerability at the Private Vulnerabilities hamburger menu.



4. In the Add Private Vulnerability screen, fill the private vulnerability data form.



Vulnerability code (Mandatory, CWE, and Description): The vulnerability code must be unique.

No desta traduary * No desta traduary * No desta traduary *	Kulmenability Code CWE	Exploitability Subscore Imp	ert Subscore CVSS v2 Base Sco	
	lescription:	No and No oppoy	Postoly . Netto-toply .	

CVSS v2 section: You can inform the CVSS v2 attack vector for the current private vulnerability.

Impact Metrics:
Confidentiality Impact (C)
None (C:N) Partial (C:P) Complete (C:C)
Integrity Impact (I)
None (I:N) Partial (I:P) Complete (I:C)
Availability Impact (A)
None (A:N) Partial (A:P) Complete (A:C)

When you select all the data, the score and sub-score are populated.

		septences into a sectore	Impact Subscore	CVSS Base Score
		4.1	6.4	4
escription:				
ide CVSS V2 Data				
CVSS v2 Base Sc	ore: 4.7			
CVSS v2 Base Sco Vector: (AV:A/AC:L	ore: 4.7 /Au:M/C:P/I:P/A:	P)		
CVSS v2 Base Sc Vector: (AV:A/AC:L Exploitability Metric	ore: 4.7 /Au:M/C:P/I:P/A: s: 4.1	P) Impact Metrics:	6.4	
CVSS v2 Base Sc Vector: (AV:A/AC:L Exploitability Metric Attack Vector (AV)	ore: 4.7 /Au:M/C:P/I:P/A: ^{s:} 4.1	P) Impact Metrics: Confidentiality impac	5.4 t (C)	
CVSS v2 Base Sc Vector: (AV:A/AC:L Exploitability Metric Attack Vector (AV) [Local [AV1] Adjscent Networ	ore: 4.7 /Au:M/C:P/I:P/A: s: 4.1 ** (4)(4) Network (AV:N	P) Impact Metrics: Confidentiality Impac None (CA) Panial (Ci	5.4 t (C) Complete(CC)	
CVSS v2 Base Sc Vector: (AV:A/AC:L Exploitability Metric Attack Vector (AV) Local (AVa) Adjacent Networ Access Complexity (AC)	ore: 4.7 /Au:M/C:P/I:P/A: s: 4.1 ** (1/4) Network (AV:N	P) Impact MetrIcs: Confidentiality Impact IncentCAI Partial (Cl Integrity Impact (I)	5.4 t (C) 2 Complete(C.C.)	
CVSS v2 Base Sc Vector: (AV:A/AC:L Exploitability Metric Attack Vector (AV) Local (AV) Adjacent Netwo Access Complexity (AC) Frigh (ACH) Medium (AC.M)	Core: 4.7 /Au:M/C:P/I:P/A: s: 4.1 k(W/A) Network(AV:N	P) Impact Metrics: Confidentiality Impact None ICAL Partial (Cd Integrity Impact) None UND Fartial (Cd) None UND Fartial (Cd)	5.4 t (C)) Complete(C.C) Complete(I.C)	
CVSS v2 Base Sc Vector: (AV:A/AC:L Exploitability Metric Attack Vector (AV) Local (AV) (Adjoint Networ Access Completity (AC) (righ (ACH) Medium (ACM) Authentication (Au)	070: 4.7 /Au:M/C:P/I:P/A: s: 4.1 k((V/A) Network (AMA Low (ACL)	P) Impact Metrics: Confidentialty Inpac Interfyis Impact Interfyis Impact () Interfyis Impact () Interfyis Impact () Availability Impact ()	5.4 (C)) Complete(C.C) Complete(I.C)	

CVSS v3 section: You can inform the CVSS v3 attack vector for the current private vulnerability.

CVSS v3 Base Score:	
Vector:	
Exploitability Metrics:	Impact Metrics:
Attack Vector (AV)	Confidentiality Impact (C)
Network (AV:N) Adjacent Network (AV:A) Local (AV:L) Physical (AV:P)	None (C:N) Low (C:L) High (C:H)
Attack Complexity (AC)	Integrity Impact (I)
Low (AC:L) High (AC:H)	None (I:N) Low (I:L) High (I:H)
Privileges Required (PR)	Availability Impact (A)
None (PR:N) Low (PR:L) High (PR:H)	None (A:N) Low (A:L) High (A:H)
User Interaction (UI)	
None (UI:N) Required (UI:R)	

Affected components and versions:

ŝ	a. Click Add Component to add a new affected component.							
I	Group Name	Artifact Name	Language	Affected Versions				
	Add Component							

b. Fill the component information in the available fields. Below, you will find more information of how to fill the **Affected Versions**.



Take into account that the Artifact Name and Language fields are mandatory.

The affected versions can be fixed versions or range versions:

- Fixed Version: You must check the Is fixed version checkbox and enter the Field version.

Group Name	Artifact Name	cangrage	ARECRO VEISOTS
		× *	Is fixed version 🖸 Version
Add Component			

- Range Version: You must uncheck the Is fixed version checkbox and enter the Initial version.

Group Name	Artitact Name	Language	Affected Versions			
		~ ~	Is fixed version 📄 Initial version	ncluded 📄 End version	Included 🗆 🗸	
Add Component						
If the in	itial version	on is inclu	ided you must c	heck the Inclu	ided checkbo)х.
Group Name	Artifact Name	Language	Affected Versions			
		~ V	Is fixed version 📋 Initial version	Included 🛄 Endiversion	Included 🗆 🗸	
Add Component						

If the private vulnerability affects all versions from the initial version you must leave the **End Version** field empty.

Group Name	Artifact Name	Language		Affected Versions
		×	×	Is fixed version Initial version Included End version Included -
Add Component				

If the private vulnerability has end affected version, fill the **End version** field and if the end version is included in vulnerable versions you must check the **Included** checkbox.

Group Name	Artifact Name	Language	Affected Versions			
		~	Is fixed version 🗆 Initial versio	n Included 🔲 Endiversion	included 🔲	,
Add Component	I					
						_
You car	n add Affe	ected ve	rsion or Dele	te affected com	ponent.	
You car			rsion or Dele	te affected com	ponent.	-
You car Group Name	Artifact Name	ected ve	Affected Versions Affected Versions Add Affected Version Delete Affected Component	n Included End version		,

If you select Add Affected Version a new affected version for this component will display.

			V Isfixed version Initial version Included D B	d version 📃 🕞
			Is fixed version 📋 Initial version Included 🗆 E	d version 📃 Included 🗆 🗸
Add Componen	ĸ			
Also v		alata af	acted varcians	
,		elete al		
Group Name	Artifact Name		lected VerSiOIIS.	
Group Name	Artifact Name		leted Version Is fired version Included End version	included 🗆 🗸
Group Name	Atlact Name		la final variante included - End variante included - E	included 🗆 🗸

5. After completing to configure your private vulnerability information, click SAVE.

In the list of private vulnerabilites you have the following actions:

- Modify vulnerability
- Delete vulnerability

Kulmerability-Code	CVE	Exploitability Subscore	Import Subscore	CISS Sale Score	Description	
C andel	0/6-30	3.4	6.0		dess	× 1
Cardan	\$258,20	0.5	6.9	7a 🔶	6411	Nod 5 Vulnerability
C PROAUN-41	0/6-6	5.3	7.0		description real web	Deleterativeshillsy
C 25.000.03	\$28.78	3.4	7.0	🛛 👝 🖬 🤹	664	*
ENVIORS	CVE-20	10	10		des	~

Edit custom components, private vulnerabilities, and licenses associated to custom components by the customer

Insights Components

Next to the custom components, the following icon

is displayed. Also, the following risks are

- **Obsolescence risk:** Depends on the component date and other custom components with the same group name, artifact name, and language.
- License Risk: Depends on the licenses found by Insights for this component, if you have checked this option, and the associated licenses by the customer.
- Security Risk: Depends on the vulnerabilities found by Insights for this component, if you have been checked this option, and the private vulnerabilities affecting this component.

	BY LANGUAGE			BY SECURITY RISK	KEEP IN MIND Keep IN MIND		
	0	ina					
Search by Language	Vith cardio	•	ostinomorrisk •	License risk Security risk	Nute Cuttorn		Vev mode Fait w
Only Mused							Cerr
Component	W	reabilities	Version	Flename	Language	Obsalescence License risk	Security fisk
> pommono collectore convrono collectore	0	1	3.2	commons collections 3.2 jar	Java	10. 10.	1845 🔶 ×
Servers flaupised commons flaupised	0	3	1.3	commons Naupload-13 jar	aver.	Los University	150 🔶 ×
 javacamletjel 	0		12	(el-12.)ar	avet	Median University	11a1 🔶 🗠
 tagitostandari 			11.2	standard-1.3.2 jar	avet.	High Million	150 🔶 ~
 appilarceacpaliarce 	0	D	10	acpallance-10.jar	Live	Maker Rev	••••

Also, you can filter by Custom components:

Chylad	Searchity	Language	With conflict	Obsolescence risk	License risk Secur	iyrisk ilve	Custom		Yeu node
C Drij Mand		۹,						•	Fat v
	C Only Mused						_		Class

The associated licenses are represented by the ³ icon.

COMMONS-COLLECTIONS:COMMONS-COLLECTIONS		×
Description Description		
License	License details	
maton Digital Senices License	Permissions Hadly Distribute Communial Une Private Une	
	Limitations Heal Liable	
	Conditions Noture Copyright	
Apache License 1.0	Permissions Subleves Multy Distribute Commercial Une	
	Limitations Huld Eakle Use Toolenack	
	Conditions Include Copyright Include Linema	
Apache License 2.0	Permission Permission Medity Decident Commercial Units Permission	
	Interfaces Head Labor Use Textment	
	Euclude Native Instade Cayyright Instade Liveaue	
	Conditions State Charges	
NU General Public License v2.0 only		

And the private vulnerabilities that affected this component are represented by the

commons-collections.commons-collections		3	3.2	commons-collections-3.2.jar	300	n Hat	Here.	- •
Source pom xmicommons-collections commons-collecti Vulnerabilities	oma vérilos32							
CVE Muted	CINE				Description			Severity
016-2021-6423	CNE-522				Servici bed-object interfaces in certain Cisco Coll and Citers Software, Herwork Application, Servi Servicity Devices, Network, Management and Pri- and Service Theoders, United Computing, Visio Streaming, TelePresens, and Thiencooking Devi positions allow remote accidents to exercise and object, related to the Apple Common Collect	laboration and Social Media, ice, and Acceleration. Network onserving, Rewling and Swis and Linfed Cameunication loss, Wrieless, and Cisco Host dons (RCC) library.	Endpolits Clients k and Content liking - Briterynise is Devices, Video, ad Services d serialized Java	14
CVE-2027-15700	Ch£34				In Apache Synapos, by default no authenticatio Innocation (IRII), So Apache Synapos 3.0.3 or al 1.1.3, allows write cade a exaction attacks for confect servicined abigues, and the aresence of a collection-3.2.2, pion on environ sections in hyp mitigate the bout, we need to limit RII access t version with administration by risk of having and Co Commons Callection has been risk of having and Co	in la required for Java Remote I previous releases (3.0), 2.1 to can be performed 3.0), inject apple distribution makes this to trusted usen only. Further monts Collection version, It 2 version.	Nethod 0, 200, 12, 1.12, ing specially s 3.21 isommone- explorable. To upgrading to 3.03, Synépse 3.03,	-
C Phylophia	CnE-20				desc			Hat

Insights Obsolescence

Next to the custom components, the 🧨 icon is displayed. Also, obsolescence risk depends on the custom data:

• Depends on the component date and other custom components with the same group name, artifact name, and language.

If the component is a copy of another public component when you display the drill-down you can see the public data for this component:

F commons-fileupicad commons-fileupicad	1.3 2119/08/03	1.3 2019/08/03	0	od 🔹	334d •	0.45 📢
Description						
Ny desc 2						
	Day 10 0.00	a sia sia sia	Tel: 20 Nor 20	Apr 22	8ay 23 June 23	26.20
	Show all versions	Version	Date		Age	
	Used version		2329/05/03		234d	
	Lativesion	13	2029/08/03		334d	
	O Releases between used and t	last versions				
Show Public Component Versions						

You can see the timeline for the public component:

🖌 commons-fileupload.commons-fileupload Ja	a 1.3 2009/08/00	1.3 2029/08/03	0	Od +	334d •	0.45
Description My desc 2	2					
	50.0	ala nia ala i	ela sela sela	4/2	when the	11
	Ston all realists	Version	Date		Age	
	Used version	1.3	2029/05/	13	334d	
	Last version		2025/00/	19	33=d	
	@ Releases between \z	ied and last versions				
	ain air	sès also also also also	ala ala ala	ala ale	abs ada	20
	Stewallystics	Version	Dute		Apr	
	Used version		2013/03/	ы	7y1026	
	Last version		2014/12/	24	Ly 1916	
	4 Paleases between \u	ed and last venions				

Also, you can filter by **Custom** components.

Search by	Lingvige Q	Out of data	Time inactivit	/ Obsciescence	rok Dustem Hes K]			Cies
Component	s-collections.commons-collections o-fileupload.scmmons-fileupload	Language Jana Jana	Used version Da 3.2 13 1.3 21	99,05,09 29,05,03	Latverian Date 1,2 1998,09,09 1,3 2019,08,03	Releases 0 0	Out of date 0d • 0d •	Time inactivity 21 y 33 d • 357 d •	Obsolescence i 22 0.45

Insights Licenses

The custom components with licenses associated by the customer have the \checkmark component name:

icon next to the

icon.

Amazon Digital Services License	1	ADSL	Permissive	https://spok.org/icenses/ADSL.html	<mark></mark> •
Permissions Sandha Commendation Poladation Limitations Sandhala Conditions Sandhala					
Component V	Retailer 3.2	Description Description			Risk

Insights Security

The private vulnerabilities have the \bigcirc icon next to the vulnerability name.

VULNERABILITIES	CVSS V2 DISTRIBU	TION		A KEE	P IN MIND	
100-200100				7 valuesabili	les have High severity	
Laise	3 d A Bernardy					
Search by Is new? Explorability Subscore Impact Subscore Q. • •	Critis na Bane Score Muse	Phase •	vulnerability			
□ 0n) Mused						Cer
04 EPIIA(U-5) O(0-2016-002) O(0-2016-002) O(0-2016-002) O(0-2016-002) O(0-201	CHE CHE22 CHE22 CHE22 CHE224	Components 1 1	Last Modified 2020;05;01:16:58 2014;07;05:05:58 2014;04;01:00:27	Replotability Subscore 10 10 10	179 English Subscore	Cr55 v2 Race Some

Also, you can filter by Private Vulnerabilites:

Search by	lones?	Epistebit	Exploitability Subscene Impact Subscene		CVSS-V2 Base Score Nute		Uneability			
	4									
Only Huted										Closer
OR					CWE	Components	Last Modified	Delotability Subscore	Impact Subscore	DISS Services
 EPROLINE 					Cirilli20		2020/06/01 16:50	10	10	
 CHE-2016-3092 					C/16-20		2016/07/05-00:59	20	6.9	
 CrE-2014-0050 					CVIE-264		2014/04/01 08:27	10	64	- 75 🔶
 CHE-2016-2000231 					Criticale	1	2026/20/25 26:29	10	6.4	15 🜩

The custom components affected by private vulnerabilities displays 🥕 next to the component name:

VE			OVE	Components	Last Modified	Exploitability Subscore	Impact Subscore	CVSS Date Scor
PRODUCT			CIVE-20	1	2020/06/00 26:58	10	10	20
Description desc CV35 x2 detribution		CVSS v2 Base Score Vector: IPM:N/MCL/A	e: 10 wN/C:C/I:C/	Ad				
Bernandy		Exploitability Meterics: Arask Vector (00) [stor (012] Argunet Vector (00) [stor (012] Argunet Vector (01) [stgl (2021] Testure 70.54] [st Actestication (164] [st.rtgs(-2021)] Stgl (-2021)]	10 102 Notwork (d we (Ach)			Impact Metric Confidentially in None(CA) Torca None(CA) Torca None(CA) Torca None(CA) Torca	10 10 10 10 10 10 10 10 10 10	
Component Commons-collections.commons-collections	Huted	Version 22		Description Description				v