Configuration for SonarCloud

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This page shows you how to configure the integration with SonarCloud. Are you looking for SonarQube on-premise configuration? See Configuration for SonarQube

Project Level Configuration

The plugin configuration is quite simple. You can setup your SonarQube settings in your JIRA project settings section:

🗰 Jira Your work 🗸 Pr	ojects ~ Filters ~ Dashb	boards v People v Apps v Create								
Software project Back to project	SonarQube Connector Here you can set your SonarQube Server configuration									
Project settings	General settings									
Details	i≣ Connection settings									
Summary People	SonarQube Server URL									
Permissions	Token	This is the base URL of your SonarQube installation such as http://yourhost.yo	urdomain/sonar							
Notifications		This field is optional. If your SonarQube instance is not public, then you will n	eed to setup this field with the security token from a Son	arQube user in order to make requests to the						
Automation Features	i≡ Visualization se	ettings								
Toolchain	Show history charts									
Workflows Issues Components	Group projects cards			i have "Show history charts" option active.						
 Apps Development tools 	i≣ Filter settings									
		Show bugs Show vulner	abilities	Show code smells						
		2 2								
	Check these option to filter sonarqube findings by : Bugs, Vulnerabilities and Code Smells									

Back to project	Report setti	ngs				
Project settings	Resource Key	es.excentia:hispasat-jira-plugin.JMeter				
Details	Resource Rey	exexcentiampasa-jra-programeter				
Summary						
People		This is the key of the SanarQube resource where you are going to retrieve the quality metrics. You can get this key from your SanarQube project dashboard or your sanar-project analysis parameters.				
Permissions		You can setup more than one resource/project key by providing a commo separated list of resource keys. Measures will be aggregated into a unique view of all the projects together.				
Notifications		** Only on SonarQube Enterprise Edition* You can setup a portfolio key as a resource and all the related projects keys will be retrieved automatically. This feature is only available for commercial edition.				
Automation	Tags	confluence-apps.utility				
Features						
Toolchain						
Workflows		These are the tags of the SonarQube/SonarClaud resource where you are going to retrieve the quality metrics. You can get this tags from your SonarQube project dashboard or your sonar-project analysis parameters. You can setup more than one tag by providing a comma separated list of tags. Measures will be aggregated into a unique view of all the projects together.				
> Issues	Custom metrics	pancetametric				
Components						
> Apps						
Development tools		List of custom metric keys to display in the dashboard, you can specify 1 or a list of metric keys separated by commas. For example: blocker_violations, major_violations, classes. Check with your SonarQube administrator to find out the keys to the available metrics				
	i≣ Create Jira Issue settings					
	Issue type for bugs	Bug *				
		This is the issue type to create jin issues for new SonarQube Bugs issues. Issue types with mandatary fields are not displayed.				
	Issue type for vulnerabilities	🖉 Task 👻				
	Issue type for code	This is the issue type to create jira issues for new SonarQube Vulnerabilities issues. Issue types with not mandatory fields are not displayed.				
	smells	This is the issue to get to create jing issues for new SonarQube Code Smells issues, Issue types with not mandatory fields are not displayed.				
	Issue type for	🖉 Task 🔹				
	security hotspots	This is the issue type to create new jira issues for SonarQube Security Hotspots. Issue types with not mandatory fields are not displayed.				
		Save				
	Maintenance options					
	Clear issues references	<u> </u>				
You're in a company-managed project		rices to completed or deleted Jira issues created by the app				
Learn more						

Connection settings:

- SonarQube Server URL: this is server base URL for your SonarQube Cloud installation

 Note : the base URL for SonarQube Cloud is https://sonarcloud.io
- Token: this field is optional. If your SonarQube cloud instance is not public, then you will need to setup this field with the security token from a SonarQube user. You can find more information about SonarQube tokens here: https://docs.sonarqube.org/display/SONAR/User+Token

Visualization settings:

- Show history charts : Check this option if you want to display measures history charts for each sonarqube project in Sonarqube Connector Panel Report.
- Group project's cards : Select this option to set number of project cards per page that will be displayed in Sonarqube Connector Panel Report.

Filter settings:

• Show bugs, vulnerabilities or code smells : Check these options if you want to filter sonarqube findings by Bugs, Vulnerabilities or Code Smells.

Report settings:

- Resource ID: this is the key of the SonarQube resource where you are going to retrieve the quality metrics. You can get this key from your SonarQube project dashboard or your sonar-project analysis parameters.
 - Note: since version 1.4 you can setup more than one resource/project key by providing a comma separated list of resource keys. Measures will be aggregated into a unique view of all the projects together. See section linking multiple projects to Jira.
- Tags :This is an optional field. You can get the projects through the tags associated with them in SonarQube/SonarCloud. These tags can be obtained from your project page in SonarQube/SonarCloud or from the analysis properties. You can configure more than one tag by specifying a comma separated list of tags. The results will be aggregated in a single view with all the resources together.
- Custom metrics: List of custom metric keys to display in the dashboard, you can specify 1 or a list of metric keys separated by commas. For example: blocker_violations, major_violations, classes. Check with your SonarQube administrator to find out the keys to the available metrics

Create Jira Issue Settings:

- Issue type For Bugs: this is the default issue type to create new Jira issues based on SonarQube Bugs.
- Issue type For Vulnerabilities: this is the default issue type to create new Jira issues based on SonarQube Vulnerabilities.
- Issue type For Code Smells: this is the default issue type to create new Jira issues based on SonarQube Code Smells.
- Issue type For Hotspots: this is the default issue type to create new Jira issues based on SonarQube Security Hotspots.

Global Settings Configuration

🗰 🛹 Jina 🛛 Your work 🗸 Pr	ojects v Filters v Dashboards v Pe	ople × Apps × Create				Q. Search
Apps	SonarQube Connector		ration so that it can be used in all projects			Settings
ATLASSIAN MARKETPLACE	i≣ Connection settings	e/sonarciouu instance comigu	autor so triat it can be used in an projects			ATLASSIAN ADMIN User seminglement User seminglement
Find new apps	Construction Limit Line VI					
Manage apps	SonarQube URL https://son		arCloud installation such as http://yourhost.yourdomain/sonar or i	haten (Annanstan dia		Billing Update your billing details, manage your subscriptions and more.
pp requests	Token	are one of your sonar quoe, son	a cour insulation sich as http://yournostyourionnai/yonia-ori	nups//summittees.co	· · · · ·	JIRA SETTINGS
romotions		optional. If your SonarQube/Son	arCloud instance is not public, then you will need to setup this field	d with the security token from a SonarQube user in order to make requests	is to the server	System Manage your general configuration, global permissions, look and feel as
Auth credentials	i≣ Visualization settings					Products Manage your Ära products' settings and integrations.
onarQuBe CONNECTOR	Show history charts					Projects Manage your project settings, categories, and more.
gration Tool	Check this o	ption if you want to show histor	y measure charts for each individual project's cards			Configure your issue types, workflows, screens, custom fields and more
	Group projects 2 cards	of individual assists cande to el	now in panel. By default it will be displayed in groups of 5. ** This c	nation ander worder Huner have "These birteer charte" antion action		Apps Add and manage Jira Marketplace apps
	Long group	oy or all a data program of a data of a data	ion in pance by action is mit of output/co in groups of all inter-	provide the second s		PERSONAL SETTINGS
	i≣ Filter settings					Atlassian account settings Manage your language, time zone, and other profile information.
	Sh	ow bugs	Show vulnerabilities	Show code smells	/	Personal Jira settings Manage your email notifications and other Jira settings.
			2	2		
	Check these	option to filter sonarqube findin	gs by : Bugs. Vulnerabilities and Code Smells			
	Save					

You can configure a global server to share the configuration on all Jira projects. This is very useful if your Sonar instance is the same for all your Jira projects.

Connection settings:

- SonarQube Server URL: this is server base URL for your installation
 Note : the base URL for SonarCloud is https://sonarcloud.io
- Token: this field is optional. If your SonarQube instance is not public, then you will need to setup this field with the security token from a SonarQube user. You can find more information about SonarQube tokens here: https://docs.sonarqube.org/display/SONAR/User+Token

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