

HUB SonarQube Report

Date: 2026-05-05 **Source:** <https://sonarqube.s-pro.io> **Edition:** SonarQube Community 25.9 **Pipeline integration:** automated, runs on every MR and push to `develop / master`

Executive summary

Project	LoC	Bugs	Vulnerabilities	Code smells	Maintainability	Reliability	Security
hub-v2-telegraph	5,170	2	0	26	A	E	A
hub-v2-backend	32,138	43	0	278	A	D	A
hub-v2-admin	18,891	26	0	490	A	E	A
hub-v3-webapp	63,476	167	0	1589	A	C	A
TOTAL	119,675	238	0	2383	—	—	—

Key findings: - **0 vulnerabilities** across all 4 repositories — all rated A on Security - 238 bugs (mostly in webapp legacy) - 2,383 code smells = accumulated technical debt; focus on "new code only" mode going forward

Issue severity breakdown

[hub-v2-telegraph](#)

Dashboard: <https://sonarqube.s-pro.io/dashboard?id=hub-v2-telegraph>

Severity	Count	Type	Count
BLOCKER	1	BUG	2
CRITICAL	8	VULNERABILITY	0
MAJOR	8	CODE_SMELL	26
MINOR	4		
INFO	7		

Top 9 blocker/critical issues to address first:

#	Severity	Type	Location	Issue
1	BLOCKER	BUG	app/src/hubcomm/server.js:89	Add a "return" statement to this callback.
2	CRITICAL	CODE SMELL	app/src/hubcomm/src/chat/ChatModel.js:1146	Refactor this function to reduce its Cognitive Complexity from 19 to the 15 allowed.
3	CRITICAL	CODE SMELL	app/src/hubcomm/src/chat/ChatModel.js:1912	Refactor this function to reduce its Cognitive Complexity from 22 to the 15 allowed.
4	CRITICAL	CODE SMELL	app/src/hubcomm/src/chat/ChatModel.js:1593	Refactor this function to reduce its Cognitive Complexity from 23 to the 15 allowed.
5	CRITICAL	CODE SMELL	app/src/hubcomm/src/chat/ChatModel.js:2709	Refactor this function to reduce its Cognitive Complexity from 17 to the 15 allowed.
6	CRITICAL	CODE SMELL	app/src/hubcomm/src/push_notification/PushNotificationService.js:43	Refactor this function to reduce its Cognitive Complexity from 53 to the 15 allowed.
7	CRITICAL	CODE SMELL	app/src/hubcomm/src/message/MessageModel.js:58	Refactor this function to reduce its Cognitive Complexity from 18 to the 15 allowed.

8	CRITICAL	CODE SMELL	app/src/hubcomm/src/chat/ChatController.js:146	Unexpected <code>await</code> of a non-Promise (non-"Thenable") value.
9	CRITICAL	CODE SMELL	app/src/hubcomm/src/chat/ChatModel.js:2508	Refactor this function to reduce its Cognitive Complexity from 33 to the 15 allowed.

hub-v2-backend

Dashboard: <https://sonarqube.s-pro.io/dashboard?id=hub-v2-backend>

Severity	Count	Type	Count
BLOCKER	1	BUG	43
CRITICAL	82	VULNERABILITY	0
MAJOR	182	CODE_SMELL	278
MINOR	51		
INFO	5		

Top 10 blocker/critical issues to address first:

#	Severity	Type	Location	Issue
1	BLOCKER	CODE SMELL	Yoda/app/src/user/UserModel.js:1774	Refactor this function to not always return the same value.
2	CRITICAL	CODE SMELL	Chewbacca/app/src/search/SearchModel.js:807	Refactor this function to reduce its Cognitive Complexity from 98 to the 15 allowed.
3	CRITICAL	CODE SMELL	Chewbacca/app/src/search/SearchModel.js:1296	Refactor this function to reduce its Cognitive Complexity from 16 to the 15 allowed.

4	CRITICAL	CODE SMELL	Chewbacca/app/src/communicate/chat/HttpChatModel.js:617	Unexpected <code>await</code> of a non-Promise (non-"Thenable") value.
5	CRITICAL	CODE SMELL	Jabba/app/src/file_manager/FileStorage.js:835	Refactor this function to reduce its Cognitive Complexity from 17 to the 15 allowed.
6	CRITICAL	CODE SMELL	Yoda/app/src/user/UserModel.js:646	Refactor this function to reduce its Cognitive Complexity from 44 to the 15 allowed.
7	CRITICAL	CODE SMELL	Yoda/app/src/user/UserModel.js:1084	Refactor this function to reduce its Cognitive Complexity from 89 to the 15 allowed.
8	CRITICAL	CODE SMELL	Kenobi/app/src/login/loginController.js:256	A constructor name should not start with a lowercase letter.
9	CRITICAL	CODE SMELL	Chewbacca/app/Chewbacca.js:17	Unexpected var, use let or const instead.
10	CRITICAL	CODE SMELL	Yoda/app/src/user/UserModel.js:1774	Refactor this function to reduce its Cognitive Complexity from 22 to the 15 allowed.

hub-v2-admin

Dashboard: <https://sonarqube.s-pro.io/dashboard?id=hub-v2-admin>

Severity	Count	Type	Count
BLOCKER	17	BUG	26
CRITICAL	18	VULNERABILITY	0
MAJOR	363	CODE_SMELL	490
MINOR	102		
INFO	16		

Top 10 blocker/critical issues to address first:

#	Severity	Type	Location	Issue
1	BLOCKER	CODE SMELL	projects/admin/src/app/contacts/containers/contacts-remove-page/contacts-remove-page.component.ts:106	Lifecycle methods should not be empty
2	BLOCKER	CODE SMELL	projects/admin/src/app/users/containers/users-bulk-delete-page/users-bulk-delete-page.component.ts:110	Lifecycle methods should not be empty
3	BLOCKER	CODE SMELL	projects/snack-notification/src/lib/snack-notification.component.ts:14	Lifecycle methods should not be empty
4	BLOCKER	BUG	projects/admin/src/app/organizations/components/image-cell-renderer/image-cell-renderer.component.scss:10	Unexpected unknown property "user-drag"
5	BLOCKER	CODE SMELL	projects/admin/src/app/users/containers/users-deleted-page/users-deleted-page.component.ts:78	Lifecycle methods should not be empty
6	BLOCKER	CODE SMELL	projects/admin/src/app/shared/containers/authorized-container/authorized-container.component.ts:16	Lifecycle methods should not be empty
7	BLOCKER	CODE SMELL	projects/admin/src/app/shared/components/search-input/search-input.component.ts:14	Output bindings, including aliases, should not be named "on", nor prefixed with it (https:
8	BLOCKER	CODE SMELL	projects/admin/src/app/contacts/containers/create-linked-contacts-page/create-linked-contacts-page.component.ts:112	Lifecycle methods should not be empty
9	BLOCKER	CODE SMELL	projects/admin/src/app/users/containers/send-invitation-email-page/send-invitation-email-page.component.ts:110	Lifecycle methods should not be empty
10	BLOCKER	CODE SMELL	projects/admin/src/app/users/containers/users-email-bulk-update-page/users-email-bulk-update-page.component.ts:110	Lifecycle methods should not be empty

Dashboard: <https://sonarqube.s-pro.io/dashboard?id=hub-v3-webapp>

Severity	Count	Type	Count
BLOCKER	13	BUG	167
CRITICAL	47	VULNERABILITY	0
MAJOR	1425	CODE_SMELL	1589
MINOR	264		
INFO	7		

Top 10 blocker/critical issues to address first:

#	Severity	Type	Location	Issue
1	BLOCKER	CODE SMELL	projects/website/src/app/nodes-nav-bar/components/move-advanced-mode-nodes/move-advanced-mode-nodes.component.ts:119	Lifecycle interface 'OnDestroy' should be implemented for method 'ngOnDestroy'. (https://a
2	BLOCKER	CODE SMELL	projects/website/src/app/communication-nav-bar/components/search-hub-com/search-hub-com.component.ts:12	Input bindings should not be aliased (https://angular.dev/style-guide#style-05-13)
3	BLOCKER	CODE SMELL	projects/website/src/app/org-admin-manage-panel/components/manage-role-form/manage-role-form.component.ts:17	Output bindings, including aliases, should not be named "on", nor prefixed with it (https://a
4	BLOCKER	CODE SMELL	projects/website/src/app/org-admin-manage-panel/components/role-users-table/role-users-table.component.ts:25	Output bindings, including aliases, should not be named "on", nor prefixed with it (https://a

5	BLOCKER	CODE SMELL	<code>projects/website/src/app/org-admin-manage-panel/components/communication-roles/communication-roles.component.ts:80</code>	Lifecycle interface 'OnDestroy' should be implemented for method 'ngOnDestroy'. (https://a)
6	BLOCKER	CODE SMELL	<code>projects/website/src/app/org-admin-manage-panel/components/manage-hub-form/manage-hub-form.component.ts:59</code>	Output bindings, including aliases, should not be named "on", nor prefixed with it (https://a)
7	BLOCKER	CODE SMELL	<code>projects/website/src/app/shared/components/send-msg-input/send-msg-input.component.ts:68</code>	Output bindings, including aliases, should not be named "on", nor prefixed with it (https://a)
8	BLOCKER	CODE SMELL	<code>projects/website/src/app/shared/components/search-input/search-input.component.ts:19</code>	Input bindings should not be aliased (https://angular.dev/style-guide#style-05-13)
9	BLOCKER	CODE SMELL	<code>projects/website/src/app/shared/components/send-msg-input/send-msg-input.component.ts:69</code>	Output bindings, including aliases, should not be named "on", nor prefixed with it (https://a)
10	BLOCKER	CODE SMELL	<code>projects/website/src/app/org-admin-manage-panel/components/manage-scheduled-alert-form/manage-scheduled-alert-form.component.ts:17</code>	Output bindings, including aliases, should not be named "on", nor prefixed with it (https://a)

Reading the dashboard

1. Open dashboard URL (links above) 2. "Issues" tab → full list, filter by severity/type 3. Click any issue → opens code with highlighted line + explanation + suggested fix 4. Toggle "New code" filter → show only issues introduced in recent changes (skip legacy debt)

How CI integration works

Every `.gitlab-ci.yml` of HUB repos has new stage `quality` with `sonarqube-check` job: - Runs on every MR + push to `develop / master` - Uses `sonarsource/sonar-scanner-cli:latest` - Currently `allow_failure: true` (does NOT block deploy) — pilot mode - After 1-2 weeks of clean runs → flip to `allow_failure: false` → Sonar becomes blocking Quality Gate