

## Codefresh On-premises CVE Mitigations

On-premises CVE Mitigations	2
On-premises v2.3 CVE Mitigations	3
On-premises v2.2.5 CVE Mitigations	8



## **On-premises CVE Mitigations**

Codefresh continuously addresses security concerns and implements vulnerability fixes for our On-premises versions.

This document focuses on and serves as a reference for Common Vulnerabilities and Exposures (CVEs) with mitigations.

The CVEs are categorized by each on-premises version, starting with V2.2.5. They are organized in tables by Image name, CVE ID, Image Version and Mitigation. The tables are sorted by the Image names.

The document is updated per on-premises version to ensure that you stay informed about the specific CVE mitigations relevant to your Codefresh on-premises installation. Every Image includes the Published On date identifying the date of the most recent update.



## On-premises v2.3 CVE Mitigations

Version 2.3			
Image	CVE ID	Image Version	Mitigation
codefresh/argo-platfor m-abac Published on: March 28 2024	CVE-2023-26108	1.2577.0	The identified vulnerability is associated with the StreamableFile API. Codefresh does not utilize the StreamableFile API for returning files. Additionally, we do not allow downloading of files from our services.
codefresh/argo-platfor m-api-events Published on: March 28 2024	CVE-2023-26108	1.2577.0	The identified vulnerability is associated with the StreamableFile API. Codefresh does not utilize the StreamableFile API for returning files. Additionally, we do not allow downloading of files from our services.
codefresh/argo-platfor m-api-graphql Published on: March 28 2024	CVE-2023-26108	1.2577.0	The identified vulnerability is associated with the StreamableFile API. Codefresh does not utilize the StreamableFile API for returning files. Additionally, we do not allow downloading of files from our services.
codefresh/argo-platfor m-audit Published on: March 28 2024	CVE-2023-26108	1.2577.0	The identified vulnerability is associated with the StreamableFile API. Codefresh does not utilize the StreamableFile API for returning files. Additionally, we do not allow downloading of files from our services.
codefresh/argo-platfor m-analytics-reporter Published on: March 28 2024	CVE-2023-26108	1.2577.0	The identified vulnerability is associated with the StreamableFile API. Codefresh does not utilize the StreamableFile API for returning files. Additionally, we do not allow downloading of files from our services.
codefresh/argo-platfor m-cron-executor Published on: March 28 2024	CVE-2023-26108	1.2577.0	The identified vulnerability is associated with the StreamableFile API. Codefresh does not utilize the StreamableFile API for returning files. Additionally, we do not allow downloading of files from our services.



Version 2.3			
Image	CVE ID	Image Version	Mitigation
codefresh/argo-platfor m-event-handler Published on: March 28 2024	CVE-2023-26108	1.2577.0	The identified vulnerability is associated with the StreamableFile API. Codefresh does not utilize the StreamableFile API for returning files. Additionally, we do not allow downloading of files from our services.
codefresh/cf-broadcast er Published on: March 28 2024	CVE-2020-36604	1.12.8	Risk assessment confirms Hoek vulnerability which is unused and does not pose an immediate threat. An update is scheduled for the next update cycle following a full review and thorough testing.
codefresh/cf-api Published on: March 28 2024	CVE-2021-3377	21.47.15	The attacker cannot inject an XSS vulnerability into the logs due to our input validation. The only possible avenue for such an attack is to invoke an external service through a Codefresh step in the pipeline, which could potentially introduce HTML content into the logs. However, even in this scenario, Codefresh utilizes this library exclusively when a customer attempts to download logs in HTML format. This is distinct from the Codefresh logs viewer and is unrelated to it.
codefresh/cf-api Published on: March 28 2024	CVE-2020-36604	21.247.15	Risk assessment confirms Hoek vulnerability which is unused and does not pose an immediate threat. An update is scheduled for the next update cycle following a full review and thorough testing.
codefresh/cf-platform- analytics Published on: March 28 2024	CVE-2022-33987	0.49.23	A deprecated version of got was built into Node.js, which (got) is not used in the platform at all.
codefresh/cf-platform- analytics Published on: March 28 2024	CVE-2023-26136	0.49.23	The dependency is present in the NPM (Node Package Manager) repository, but is not actually related to or used in the application's package or runtime.



Version 2.3			
Image	CVE ID	Image Version	Mitigation
codefresh/cf-platform- analytics Published on: March 28 2024	CVE-2022-25881	0.49.23	The dependency is present in the NPM (Node Package Manager) repository, but is not actually related to or used in the application's package or runtime.
codefresh/cf-platform- analytics Published on: March 28 2024	CVE-2020-36604	0.49.23	Risk assessment confirms Hoek vulnerability which is unused and does not pose an immediate threat. An update is scheduled for the next update cycle following a full review and thorough testing.
codefresh/cf-platform- analytics Published on: March 28 2024	CVE-2023-50709	0.49.23	Codefresh does not directly expose Cube API to the internet. We use a separate express.js server that uses the logic from cube.js to process the requests.
codefresh/cf-platform- analytics Published on: March 28 2024	CVE-2022-25883	0.49.23	Node.js includes a deprecated version of SemVer. Codefresh uses an updated SemVer version.
codefresh/cf-platform- analytics Published on: March 28 2024	CVE-2024-0727	0.49.23	The project utilizes OpenSSL embedded within Node.js, and the presence of OpenSSL within the APK package does not impact its functionality.
codefresh/cf-platform- analytics Published on: March 28 2024	CVE-2021-3807	0.49.23	The dependency is present in the NPM (Node Package Manager) repository, but is not actually related to or used in the application's package or runtime.
codefresh/charts-mana ger Published on: March 28 2024	CVE-2020-36604	1.16.9	Risk assessment confirms Hoek vulnerability which is unused and does not pose an immediate threat. An update is scheduled for the next update cycle following a full review and thorough testing.



Version 2.3			
Image	CVE ID	Image Version	Mitigation
codefresh/cluster-prov iders Published on: March 28 2024	CVE-2023-48795	1.17.1	The latest image scans by both Prisma Cloud and Docker Scout did not detect any vulnerabilities.
codefresh/consul Published on: March 28 2024	CVE-2023-0056	1.17.0-debia n-11-r1	Latest upstream version.
codefresh/context-man ager Published on: March 28 2024	CVE-2020-36604	2.26.12	Risk assessment confirms Hoek vulnerability which is unused and does not pose an immediate threat. An update is scheduled for the next update cycle following a full review and thorough testing.
codefresh/docker Published on: April 16 2024	CVE-2023-47108	25.0-dind	Docker daemon has a hidden /grpc endpoint not described in the documentation, containing an OpenTelemetry interceptor that gathers some metrics on it.  Potentially excess usage of this endpoint can overflow the interceptor with metrics and bring the server down. However, for this you need to know which grpc method to use, which is not described in any public documentation. Furthermore, to access docker daemon via TCP in our setup, you require access to the SSL certificate stored in the secret. Only cf-builder and engine in Codefresh setup has access to this secret.
codefresh/docker Published on: March 28 2024	CVE-2023-47108	25.0-dind	Latest upstream version.
codefresh/gitops-dash board-manager Published on: March 28 2024	CVE-2020-36604	1.14.8	Risk assessment confirms Hoek vulnerability which is unused and does not pose an immediate threat. An update is scheduled for the next update cycle following a full review and thorough testing.



Version 2.3			
Image	CVE ID	Image Version	Mitigation
codefresh/gitops-dash board-manager Published on: March 28 2024	CVE-2023-48795	1.14.8	The latest image scans by both Prisma Cloud and Docker Scout did not detect any vulnerabilities.
codefresh/kube-integr ation Published on: March 28 2024	CVE-2023-48795	1.31.3	The latest image scans by both Prisma Cloud and Docker Scout did not detect any vulnerabilities.
codefresh/pipeline-ma nager Published on: March 28 2024	CVE-2020-36604	3.132.3	Risk assessment confirms Hoek vulnerability which is unused and does not pose an immediate threat. An update is scheduled for the next update cycle following a full review and thorough testing.
codefresh/runtime-env ironment-manager Published on: March 28 2024	CVE-2020-36604	3.33.2	Risk assessment confirms Hoek vulnerability which is unused and does not pose an immediate threat. An update is scheduled for the next update cycle following a full review and thorough testing.
codefresh/tasker-kube rnetes Published on: March 24 2024	CVE-2020-36604	1.25.2	Risk assessment confirms Hoek vulnerability which is unused and does not pose an immediate threat. An update is scheduled for the next update cycle following a full review and thorough testing.



## On-premises v2.2.5 CVE Mitigations

Version 2.2.5			
Image	CVEID	Image Version	Mitigation
codefresh/argo-hub-pl atform Published on: Jan 31 2024	CVE-2022-2564	0.1.8	The application is safeguarded against Prototype Pollution in Mongoose, as it enforces request payload validation and does not pass any additional, potentially harmful data into Mongoose methods. This security measure prevents attackers from injecting malicious changes to the application's object prototypes.
codefresh/argo-platfo rm-abac Published on: Jan 31 2024	CVE-2023-26108	1.2527.0	The identified vulnerability is associated with the StreamableFile API. Codefresh does not utilize the StreamableFile API for returning files. Additionally, we do not allow downloading of files from our services.
codefresh/argo-platfo rm-abac Last updated on Jan 31 2024	CVE-2023-3696	1.2527.0	The application is safeguarded against Prototype Pollution in Mongoose, as it enforces request payload validation and does not pass any additional, potentially harmful data into Mongoose methods. This security measure prevents attackers from injecting malicious changes to the application's object prototypes.
codefresh/argo-platfo rm-analytics-reporter Published on: Jan 31 2024	CVE-2023-3696	1.2527.0	The application is safeguarded against Prototype Pollution in Mongoose, as it enforces request payload validation and does not pass any additional, potentially harmful data into Mongoose methods. This security measure prevents attackers from injecting malicious changes to the application's object prototypes.



Version 2.2.5			
Image	CVE ID	Image Version	Mitigation
codefresh/argo-platfo rm-analytics-reporter Published on: Jan 31 2024	CVE-2023-26108	1.2527.0	The identified vulnerability is associated with the StreamableFile API. Codefresh does not utilize the StreamableFile API for returning files. Additionally, we do not allow downloading of files from our services.
codefresh/argo-platfo rm-analytics-reporter Published on: Jan 31 2024	CVE-2022-2564	1.2527.0	The application is safeguarded against Prototype Pollution in Mongoose, as it enforces request payload validation and does not pass any additional, potentially harmful data into Mongoose methods. This security measure prevents attackers from injecting malicious changes to the application's object prototypes
codefresh/argo-platfo rm-analytics-reporter Published on: Jan 31 2024	CVE-2021-32050	1.2527.0	This issue does affect our application as Command Listener is disabled by default, and we don't enable it.
codefresh/argo-platfo rm-api-events Published on: Jan 31 2024	CVE-2023-3696	1.2527.0	The application is safeguarded against Prototype Pollution in Mongoose, as it enforces request payload validation and does not pass any additional, potentially harmful data into Mongoose methods. This security measure prevents attackers from injecting malicious changes to the application's object prototypes.
codefresh/argo-platfo rm-api-events Published on: Jan 31 2024	CVE-2021-32050	1.2527.0	This issue does affect our application as Command Listener is disabled by default, and we don't enable it.
codefresh/argo-platfo rm-api-events Published on: Jan 31 2024	CVE-2023-26108	1.2527.0	The identified vulnerability is associated with the StreamableFile API. Codefresh does not utilize the StreamableFile API for returning files. Additionally, we do not allow downloading of files from our services.



Version 2.2.5			
Image	CVEID	Image Version	Mitigation
codefresh/argo-platfo rm-api-events Published on: Jan 31 2024	CVE-2022-2564	1.2527.0	The application is safeguarded against Prototype Pollution in Mongoose, as it enforces request payload validation and does not pass any additional, potentially harmful data into Mongoose methods. This security measure prevents attackers from injecting malicious changes to the application's object prototypes.
codefresh/argo-platfo rm-api-events Published on: Jan 31 2024	CVE-2023-26108	1.2527.0	The identified vulnerability is associated with the StreamableFile API. Codefresh does not utilize the StreamableFile API for returning files. Additionally, we do not allow downloading of files from our services.
codefresh/argo-platfo rm-api-graphql Published on: Jan 31 2024	CVE-2023-26108	1.2527.0	The identified vulnerability is associated with the StreamableFile API. Codefresh does not utilize the StreamableFile API for returning files. Additionally, we do not allow downloading of files from our services.
codefresh/argo-platfo rm-api-graphql Published on: Jan 31 2024	CVE-2023-3696	1.2527.0	The application is safeguarded against Prototype Pollution in Mongoose, as it enforces request payload validation and does not pass any additional, potentially harmful data into Mongoose methods. This security measure prevents attackers from injecting malicious changes to the application's object prototypes.
codefresh/argo-platfo rm-api-graphql Published on: Jan 31 2024	CVE-2021-32050	1.2527.0	This issue does affect our application as Command Listener is disabled by default, and we don't enable it.
codefresh/argo-platfo rm-api-graphql Published on: Jan 31 2024	CVE-2023-26108	1.2527.0	The identified vulnerability is associated with the StreamableFile API. Codefresh does not utilize the StreamableFile API for returning files. Additionally, we do not allow downloading of files from our services.



Version 2.2.5			
Image	CVE ID	Image Version	Mitigation
codefresh/argo-platfo rm-api-graphql Published on: Jan 31 2024	CVE-2022-2564	1.2527.0	The application is safeguarded against Prototype Pollution in Mongoose, as it enforces request payload validation and does not pass any additional, potentially harmful data into Mongoose methods. This security measure prevents attackers from injecting malicious changes to the application's object prototypes.
codefresh/argo-platfo rm-audit Published on: Jan 31 2024	CVE-2023-26108	1.2527.0	The identified vulnerability is associated with the StreamableFile API. Codefresh does not utilize the StreamableFile API for returning files. Additionally, we do not allow downloading of files from our services.
codefresh/argo-platfo rm-audit Published on: Jan 31 2024	CVE-2023-3696	1.2527.0	The application is safeguarded against Prototype Pollution in Mongoose, as it enforces request payload validation and does not pass any additional, potentially harmful data into Mongoose methods. This security measure prevents attackers from injecting malicious changes to the application's object prototypes.
codefresh/argo-platfo rm-audit Published on: Jan 31 2024	CVE-2021-32050	1.2527.0	This issue does affect our application as Command Listener is disabled by default, and we don't enable it.
codefresh/argo-platfo rm-audit Published on: Jan 31 2024	CVE-2022-2564	1.2527.0	The application is safeguarded against Prototype Pollution in Mongoose, as it enforces request payload validation and does not pass any additional, potentially harmful data into Mongoose methods. This security measure prevents attackers from injecting malicious changes to the application's object prototypes.



Version 2.2.5			
Image	CVE ID	Image Version	Mitigation
codefresh/argo-platfo rm-cron-executor Published on: Jan 31 2024	CVE-2022-2564	1.2527.0	The application is safeguarded against Prototype Pollution in Mongoose, as it enforces request payload validation and does not pass any additional, potentially harmful data into Mongoose methods. This security measure prevents attackers from injecting malicious changes to the application's object prototypes.
codefresh/argo-platfo rm-cron-executor Published on: Jan 31 2024	CVE-2021-32050	1.2527.0	This issue does affect our application as Command Listener is disabled by default, and we don't enable it.
codefresh/argo-platfo rm-cron-executor Published on: Jan 31 2024	CVE-2023-26108	1.2527.0	The identified vulnerability is associated with the StreamableFile API. Codefresh does not utilize the StreamableFile API for returning files. Additionally, we do not allow downloading of files from our services.
codefresh/argo-platfo rm-event-handler Published on: Jan 31 2024	CVE-2023-26108	1.2527.0	The identified vulnerability is associated with the StreamableFile API. Codefresh does not utilize the StreamableFile API for returning files. Additionally, we do not allow downloading of files from our services.
codefresh/argo-platfo rm-event-handler Published on: Jan 31 2024	CVE-2021-32050	1.2527.0	This issue does affect our application as Command Listener is disabled by default, and we don't enable it.
codefresh/argo-platfo rm-event-handler Published on: Jan 31 2024	CVE-2022-2564	1.2527.0	The application is safeguarded against Prototype Pollution in Mongoose, as it enforces request payload validation and does not pass any additional, potentially harmful data into Mongoose methods. This security measure prevents attackers from injecting malicious changes to the
			application's object prototypes.



Version 2.2.5			
Image	CVE ID	Image Version	Mitigation
codefresh/argo-platfo rm-event-handler Published on: Jan 31 2024	CVE-2023-3696	1.2527.0	The application is safeguarded against Prototype Pollution in Mongoose, as it enforces request payload validation and does not pass any additional, potentially harmful data into Mongoose methods. This security measure prevents attackers from injecting malicious changes to the application's object prototypes.
codefresh/cf-api Published on: Jan 31 2024	CVE-2021-3377	21.234.11	The attacker cannot inject an XSS vulnerability into the logs due to our input validation. The only possible avenue for such an attack is to invoke an external service through a Codefresh step in the pipeline, which could potentially introduce HTML content into the logs. However, even in this scenario, Codefresh utilizes this library exclusively when a customer attempts to download logs in HTML format. This is distinct from the Codefresh logs viewer and is unrelated to it.
codefresh/cf-api Published on: Jan 31 2024	CVE-2020-36604	21.234.11	Risk assessment confirms Hoek vulnerability which is unused and does not pose an immediate threat. An update is scheduled for the next update cycle following a full review and thorough testing.
codefresh/cf-platform -analytics Published on: Jan 31 2024	CVE-2020-36604	0.49.20	Risk assessment confirms Hoek vulnerability which is unused and does not pose an immediate threat. An update is scheduled for the next update cycle following a full review and thorough testing.
codefresh/cf-platform -analytics Published on: Jan 31 2024	CVE-2023-50709	0.49.20	Codefresh does not directly expose Cube API to the internet. We use a separate express.js server that uses the logic from cube.js to process the requests.



Version 2.2.5			
Image	CVE ID	Image Version	Mitigation
codefresh/cf-platform -analytics Published on: Jan 31 2024	CVE-2023-26136	0.49.20	The dependency is present in the NPM (Node Package Manager) repository, but is not actually related to or used in the application's package or runtime.
codefresh/cf-platform -analytics Published on: Jan 31 2024	CVE-2022-25881	0.49.20	The dependency is present in the NPM (Node Package Manager) repository, but is not actually related to or used in the application's package or runtime.
codefresh/cf-platform -analytics Published on: Jan 31 2024	CVE-2021-3807	0.49.20	The dependency is present in the NPM (Node Package Manager) repository, but is not actually related to or used in the application's package or runtime.
codefresh/cf-platform -analyticsPublished on: Jan 31 2024	CVE-2022-33987	0.49.20	The dependency is present in the NPM (Node Package Manager) repository, but is not actually related to or used in the application's package or runtime.
codefresh/cf-platform -analytics Published on: Jan 31 2024	CVE-2022-25883	0.49.20	The dependency is present in the NPM (Node Package Manager) repository, but is not actually related to or used in the application's package or runtime.
codefresh/charts-man ager Published on: Jan 31 2024	CVE-2020-36604	1.16.7	Risk assessment confirms Hoek vulnerability which is unused and does not pose an immediate threat. An update is scheduled for the next update cycle following a full review and thorough testing.
codefresh/cluster-pro viders Published on: Jan 31 2024	CVE-2023-48795	1.17.0	The OpenSSH package with the vulnerability is included in the Alpine image used as the base image. Our microservice does not utilize this OpenSSH package, and it does not function as an SSH server or client in any capacity.



Version 2.2.5			
Image	CVE ID	Image Version	Mitigation
codefresh/gitops-dash board-manager Published on: Jan 31 2024	CVE-2020-36604	1.14.7	Risk assessment confirms Hoek vulnerability which is unused and does not pose an immediate threat. An update is scheduled for the next update cycle following a full review and thorough testing.
codefresh/gitops-dash board-manager Published on: Jan 31 2024	CVE-2023-48795	1.14.7	The OpenSSH package with the vulnerability is included in the Alpine image used as the base image. Our microservice does not utilize this OpenSSH package, and it does not function as an SSH server or client in any capacity.
codefresh/hermes Published on: Jan 31 2024	CVE-2023-39325	0.21.7	Image is not used.
codefresh/kube-integr ation Published on: Jan 31 2024	CVE-2023-48795	1.31.2	The OpenSSH package with the vulnerability is included in the Alpine image used as the base image. Our microservice does not utilize this OpenSSH package, and it does not function as an SSH server or client in any capacity.
codefresh/pipeline-ma nager Published on: Jan 31 2024	CVE-2020-36604	3.131.15	Risk assessment confirms Hoek vulnerability which is unused and does not pose an immediate threat. An update is scheduled for the next update cycle following a full review and thorough testing.
codefresh/runtime-en vironment-manager Published on: Jan 31 2024	CVE-2023-43646	3.33.2	The vulnerable functionality of this package is not used in the runtime-environment-manager.
codefresh/runtime-en vironment-manager Published on: Jan 31 2024	CVE-2022-25883	3.33.2	The dependency is present in the NPM (Node Package Manager) repository, but is not actually related to or used in the application's package or runtime.



Version 2.2.5					
Image	CVE ID	Image Version	Mitigation		
codefresh/tasker-kub ernetes Published on: Jan 31 2024	CVE-2020-36604	1.25.0	Risk assessment confirms Hoek vulnerability which is unused and does not pose an immediate threat. An update is scheduled for the next update cycle following a full review and thorough testing.		
codefresh/tasker-kub ernetes Published on: Jan 31 2024	CVE-2023-48795	1.25.0	The OpenSSH package with the vulnerability is included in the Alpine image used as the base image. Our microservice does not utilize this OpenSSH package, and it does not function as an SSH server or client in any capacity.		