

# Jenkins Plugin

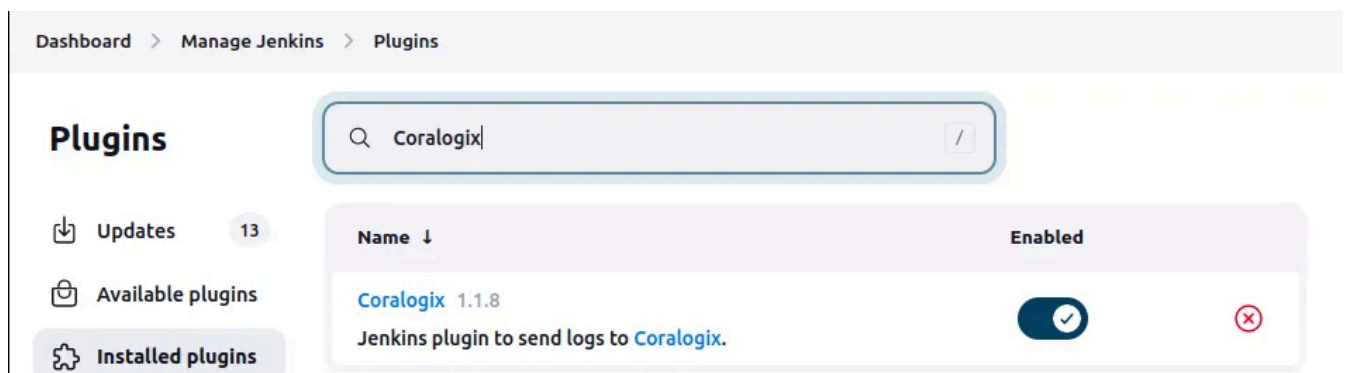
The Coralogix Jenkins plugin facilitates the transmission of audit, security, and pipeline console logs to Coralogix, while pushing tags to the Coralogix platform.

## Notes:

- To send metrics to Coralogix, use our [Jenkins Telemetry\\_\(Otel\) integration](#).
- The Coralogix plugin will work on Jenkins version 2.277.2 and above. If your Jenkins isn't in the mentioned versions, you may try our Curl commands located further in the doc.

## Installation

- Download the `hpi` file from [GitHub releases](#)
- Put the `hpi` file in the directory `$JENKINS_HOME/plugins`
- Restart Jenkins



## Configuration

Go to `Manage Jenkins`, open `Configure system`, find the `Coralogix` section and configure your account [Send-Your-Data API key](#) for sending system/audit/security logs.

You can configure as many keys as you want.

## Coralogix

Coralogix Private Key ?



Concealed

Change Password

Jenkins Name ?

jenkins-cx

Check to enable the sending of Jenkins system logs to Coralogix

☐ Send system logs ?

Check to enable the sending of Jenkins audit logs to Coralogix

☒ Send audit logs ?

Check to enable the sending of Jenkins security logs to Coralogix

☒ Send security logs ?

Advanced ^

Coralogix Region ?

Europe (coralogix.com) v

Custom Coralogix endpoint ?

Custom Coralogix endpoint

### Notes:

- **Send system logs** won't be checked, as it's not currently supported.
- If you use Private Link, you can change **Coralogix Region** to *Custom* and overwrite it in **Custom Coralogix endpoint** field. An example of a Custom Coralogix endpoint is `private.coralogix.com`.
- If your Coralogix **domain** ends with a suffix other than '.com', overwrite the **Coralogix API endpoint** value by going to the **Advanced** section and inserting:

`https://eu2.coralogix.com`



## Credentials

Before usage, create Jenkins credentials with your Coralogix [Send-Your-Data API key](#) for your team. Navigate to **Manage Jenkins > Manage Credentials** and click on Jenkins under **Stores scoped to Jenkins**.

Kind

Coralogix Private Key

Scope

Global (Jenkins, nodes, items, all child items, etc)

Coralogix Private Key

ID

coralogix-production

Description

Coralogix Production Team

OK

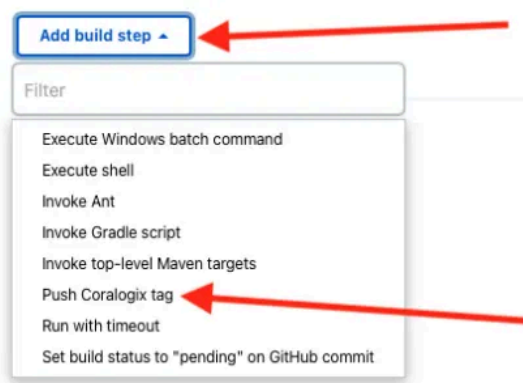
To use this API you also need to [create](#) a personal or team API key. It's recommended to use permission presets, as they are automatically updated with all relevant permissions. Alternatively, you can manually add individual permissions.

| Preset          | Action                                                                                          | Description                                                                                    |
|-----------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| CICDIntegration | VERSION-BENCHMARK-TAGS:READ<br>VERSION-BENCHMARKS-REPORTS:READ<br>VERSION-BENCHMARK-TAGS:UPDATE | View Version Benchmark Tags<br>View Version Benchmark Reports<br>Modify Version Benchmark Tags |

Insert the API key into the Coralogix API key field. This will allow us to use the "push tags" function since it will allow the creation of a tag each time there is a build in the pipe.

To push Tags, go under your config and click **Add build step**.

Select Push Tags to Coralogix and select the Tags key from your credentials.



Kind

Coralogix API Key

Scope

Global (Jenkins, nodes, items, all child items, etc)

Coralogix API Key

ID

coralogix-production-api

Description

Coralogix Production Team (API)

OK

## Usage

This plugin supports sending build logs and tags for Freestyle project and Pipelines.

## Send logs

Send your build logs to Coralogix.

### Freestyle project

Check **Send build logs to Coralogix**, select Private Key, and provide the Application and Subsystem names.

**Build Environment**

☐ Use secret text(s) or file(s)

☒ Send build logs to Coralogix

Private Key

coralogix-production (Coralogix Production Team) Add

Application name

MyApp

Subsystem name

\$(JOB\_NAME)

Split the logs

☒

## Pipeline

This is the Groovy implementation:

```
pipeline {
    agent any
    stages {
        stage('Test') {
            steps {
                echo "Hello world!"
            }
        }
    }
}
```

```

    }
  }
}
post {
  always {
    coralogixSend privateKeyCredentialId: 'coralogix-production',
                  application: 'MyApp',
                  subsystem: "${env.JOB_NAME}",
                  splitLogs: true
  }
}
}

```

## Curl

It's possible to use Curl command to create a log. Select the [Version tags endpoint](#) associated with your Coralogix [domain](#).

```

curl --location --request POST '<endpoint>' \
--header 'private_key: <privatekey>' \
--header 'Content-Type: application/json' \
--data-raw '{"applicationName": "prd", "subsystemName": "app", "text":
"hello world", "severity": "3"}'

```

### NOTE

"text", "severity" are optional fields.

## Push tag

Push version tag to Coralogix.

### Freestyle project

Add build step Push Coralogix tag and configure:

- **Private Key** - your Coralogix account [Send-Your-Data API key](#)
- **Tag name** - version tag name
- **Application name** - your application name
- **Subsystem names** - your subsystem names
- **Icon(optional)** - your own tag picture

Push Coralogix tag

API Key ?  
coralogix-production-api (Coralogix Production Team (API)) Add

Tag name ?  
\${BUILD\_NUMBER}.0.0

Application

Name ?  
staging

Application

Name ?  
production

Add application

Subsystem

Name ?  
web

Add subsystem

Icon URL ?  
<https://raw.githubusercontent.com/coralogix/jenkins-coralogix-plugin/master/docs/images/logo.svg>

## Pipeline

This is the Groovy representation of Push Coralogix tag build step:

```
pipeline {
    agent any
    stages {
        stage('Test') {
            steps {
                echo "Hello world!"
            }
        }
    }
    post {
        success {
            coralogixTag apiKeyCredentialId: 'coralogix-production-api',
                        tag: '1.0.0',
                        applications: [
```

```
        [name: 'MyApp']
      ],
      subsystems: [
        [name: 'staging'],
        [name: 'production']
      ],
      icon:
'https://raw.githubusercontent.com/coralogix/jenkins-coralogix-
plugin/master/docs/images/logo.svg'
    }
  }
}
```

## Curl

It's possible to use Curl command to create a tag, choose the right Endpoint, add the "APIkey" and run the command below.

### NOTE

"timestamp" and "iconUrl" are optional fields.

Refer to [Coralogix endpoints](#) to select the correct Coralogix API endpoint for the [domain](#) associated with your Coralogix account.

```
curl --location --request POST '<yourCoralogixEndpoint>' \
--header 'Authorization: Bearer <APIKey>' \
--header 'Content-Type: application/json' \
--data-raw '{
"name": "test tag",
"timestamp": <currentTimeinMilliseconds>
"application": ["prd", "dev"],
"subsystem": ["app", "mobile"],
"iconUrl": "<iconUrl>"
}'
```

## Upgrading

If upgrading from version  $\leq 1.17$ , you will get an error in the Manage Jenkins UI:

 Jenkins

Search (CTRL+K)

  log out

Dashboard > Manage Jenkins

+ New Item

 People

 Build History

 Manage Jenkins

 My Views

Build Queue

No builds in the queue.

Build Executor Status

1 Idle

2 Idle

Manage Jenkins

You have data stored in an older format and/or unreadable data.

ManageDismiss

New version of Jenkins (2.440.1) is available for [download](#) ([changelog](#)).

System Configuration

 **System**  
Configure global settings and paths.

 **Tools**  
Configure tools, their locations and automatic installers.

 **Plugins**  
Add, remove, disable or enable plugins that can extend the functionality of Jenkins.

 **Nodes**  
Add, remove, control and

 **Clouds**  
Add, remove, and configure

To clear this error, simply click "Manage" and then "Discard Unreadable Data" of the CoralogixConfiguration:

 Jenkins

Search (CTRL+K)

 2   log out

Dashboard > Manage Old Data

+ New Item

 People

 Build History

 Manage Jenkins

 My Views

Build Queue

No builds in the queue.

Build Executor Status

1 Idle

2 Idle

Manage Old Data

When there are changes in how data is stored on disk, Jenkins uses the following strategy: data is migrated to the new structure when it is loaded, but items/records are not resaved in the new format. This allows for downgrading Jenkins if necessary. However, it can also leave data on disk in the old format indefinitely. The table below lists items/records containing such data, and the Jenkins version(s) where the data structure was changed.

Sometimes errors occur while reading data (if a plugin adds some data and that plugin is later disabled, if migration code is not written for structure changes, or if Jenkins is downgraded after it has already written data not readable by the older version). These errors are logged, but the unreadable data is then skipped over, allowing Jenkins to start up and function properly.

| Type ↓                 | Name | Version | Error |
|------------------------|------|---------|-------|
| No old data was found. |      |         |       |

**Unreadable Data**

It is ok to leave unreadable data in these items/records, as Jenkins will simply ignore it. To avoid the log messages at Jenkins startup you can permanently delete the unreadable data by resaving these items/records using the button below the list.

| Type ↓                                       | Name                   | Error                                                                                     |
|----------------------------------------------|------------------------|-------------------------------------------------------------------------------------------|
| com.coralogix.jenkins.CoralogixConfiguration | CoralogixConfiguration | CannotResolveClassException: metricsEnabled, CannotResolveClassException: metricsInterval |

Discard Unreadable Data

## License

The Coralogix Plugin is licensed under the Apache 2.0 License.

## Support

Need help?



Our world-class customer success team is available 24/7 to answer any questions that may come up. Feel free to reach out to us **via our in-app chat** or by sending us an email at [support@coralogix.com](mailto:support@coralogix.com).

🕒 Last updated: September 7, 2025

## Was this helpful?

Leave your feedback here.

☐ **Yes**   ☐ **No**

Send

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Source: <https://coralogix.com/docs/integrations/ci/cd/jenkins-plugin/>