

Kubernetes Plugin

This plugin allows Jenkins agents to be dynamically provisioned on a [Kubernetes](#) cluster.

Plugin Information

View Kubernetes [on the plugin site](#) for more information.



Older versions of this plugin may not be safe to use. Please review the following warnings before using an older version:

- [CSRF vulnerability and missing permission checks allowed capturing credentials](#)
- [Lack of masking of secrets in build log](#)

Background

The aim of the Kubernetes plugin is to be able to use a Kubernetes cluster to dynamically provision a Jenkins agent (using Kubernetes scheduling mechanisms to optimize the loads), run a single build, then tear-down that agent.

Setup

A quick setup is :

- get a Kubernetes cluster running
- use a docker image for the agents, or create your own

Kubernetes Environment

Follow the getting started guide on [Kubernetes](#) or use Google Kubernetes Engine.

Docker image for Agents

You can find ready-made Docker images for Jenkins agents using jnlp at [jenkins/jenkins-slave](#).

The images can be customized to fit your needs.

Configuration

Refer to the [README](#) in the plugin repository

Releases

Refer to the [CHANGELOG](#) in the plugin repository

Issue Tracker

Can be found [HERE](#)