

title: Logagent input plugin for Kubernetes Events description: Logagent features modular logging architecture framework where each input or output module is implemented as a plugin. Logagent collects Kubernetes event logs.

Input Plugin: Kubernetes Event Collection

Input plugin to collect Kubernetes events via API.

Features:

- parse bulk messages

Applications:

- centralize Kubernetes events
- index Kubernetes events in Elasticsearch or Sematext Cloud
- create alerts on Kubernetes events
- create analytics and monitor event logs

Requirements:

- A working `kubect1` config
- Or run Logagent in a pod, role bindings to access k8s API pods, events, and namespaces

Configuration

```
# Receive Kubernetes events via HTTP server
input:
  kubernetesEvents:
    module: input-kubernetes-events

output:
  # view events on console during test setups
  stdout: yaml
  # ship events to Sematext Cloud
  elasticsearch:
    module: elasticsearch
    url: https://logsene-receiver.sematext.com
    index: YOUR_LOGS_TOKEN
```

Start Logagent

```
logagent --config kubernetes-events.yml
```

Note, you can use the command line argument `--k8sEvents` to activate the plugin via logagent command. The following command would listen to Kubernetes events on TCP port 9091 and dumps the events in YAML format to console.

```
logagent --k8sEvents --yaml
```