

## Managing MiNiFi Java Agent

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# Managing MiNiFi Java agent

Apart from working with dataflows, you can also perform some management tasks using MiNiFi.

## Monitoring status using MiNiFi

You can use the `minifi.sh flowStatus` option to monitor a range of aspects of your MiNiFi operational and dataflow status.

You can use the `flowStatus` option to get information dataflow component health and functionality, a MiNiFi instance, or system diagnostics.

`FlowStatus` accepts the following flags and options:

- Processors
  - health
  - bulletins
  - status
- Connections
  - health
  - stats
- remoteProcessGroups
  - health
  - bulletins
  - status
  - authorizationIssues
  - inputPorts
- controllerServices
  - health
  - bulletins
- provenancereporting
  - health
  - bulletins
- instance
  - health
  - bulletins
  - status
- systemdiagnostics
  - heap
  - processorstats
  - contentrepositoryusage
  - flowfilerepositoryusage
  - garbagecollection

For example, this query gets the health, stats, and bulletins for the TailFile processors:

```
minifi.sh flowStatus processor:TailFile:health,stats,bulletins
```



**Note:** Currently, the script only accepts one high-level option at a time. Any connections, remote process groups, or processor names that contain ":", ";", or "," cause parsing errors when querying.

CEM can export time series metrics to several metric storage providers. The recommended metrics store service is Prometheus. Prometheus integrates with Grafana for time series metric visualization. With Prometheus and Grafana, you can store and visualize metrics for CEM. For details on how to enable and set Prometheus and Grafana, see *Monitoring Metrics with Grafana*.

## Loading a new dataflow for MiNiFi

You can load a new dataflow for a MiNiFi instance to run.

### Procedure

1. Create a new flow.json.raw file with the new dataflow.
2. Replace the existing flow.json.raw in minifi/conf with the new file.
3. Restart MiNiFi.

## Stopping MiNiFi

You can stop MiNiFi at any time.

### Procedure

1. From a terminal window, navigate to the MiNiFi installation directory.
2. Enter:

```
bin/minifi.sh stop
```

3. To stop MiNiFi running as a service, from a terminal window, enter:

```
sudo service minifi stop
```