



# collectd Plugin Configuration for VTC and VTF

This appendix provides collectd plugin configuration for VTC and VTF.

- [collectd Plugin Configuration, on page 1](#)

## collectd Plugin Configuration

The following sections provide the default collectd plugin configuration.

### Policy Plane (VTC) Plugin Configuration

#### 1. CPU

```
LoadPlugin cpu
<Plugin cpu>
ReportByCpu true
ReportByState true
ValuesPercentage false
ReportNumCpu false
ReportGuestState false
SubtractGuestState true
</Plugin>
```

#### 2. python

```
LoadPlugin python
<Plugin python>
ModulePath "/opt/vts/lib/python/"
LogTraces true
Import "vtsCollectD.vts_collectd_plugin"
</Plugin>
```

#### 3. write\_log

```
LoadPlugin write_log
<Plugin write_log>
Format JSON
</Plugin>
```

#### 4. logfile

```
LoadPlugin logfile
<Plugin logfile>
LogLevel info
File "/opt/vts/log/collectd/metrics.log"
```

```

Timestamp true
PrintSeverity true
</Plugin>

```

### 5. interface

```

LoadPlugin interface

<Plugin interface>
Interface "eth0"
Interface "eth1"
Interface "lo"
IgnoreSelected false
ReportInactive true
UniqueName false
</Plugin>

```

### 6. disk

```

LoadPlugin disk

```

### 7. memory

```

LoadPlugin memory
<Plugin memory>
ValuesAbsolute true
ValuesPercentage false
</Plugin>

```

### 8. load

```

LoadPlugin load
<Plugin load>
ReportRelative true
</Plugin>

```

## Data Plane (VTF)—Plugin Configs

### 1. python

```

LoadPlugin python
<Plugin python>
ModulePath "/opt/cisco/vpe/collectd/"
LogTraces true
Interactive false
Import "cisco-vpfa-collectd-plugin"
</Plugin>

```

### 2. interface

```

LoadPlugin interface
<Plugin interface>
Interface "br-ctlplane"
Interface "br-ex"
Interface "lo"
Interface "br-tenant"
IgnoreSelected false
ReportInactive true
UniqueName false
</Plugin>

```

### 3. disk

```

LoadPlugin disk

```

#### 4. load

```
LoadPlugin load
<Plugin load>
  ReportRelative true
</Plugin>
```

#### 5. memory

```
LoadPlugin memory
<Plugin memory>
ValuesAbsolute true
ValuesPercentage false
</Plugin>
```

#### 6. cpu

```
LoadPlugin cpu
<Plugin cpu>
ReportByCpu true
ReportByState true
ValuesPercentage false
ReportNumCpu false
ReportGuestState false
SubtractGuestState true
</Plugin>
```

#### 7. write\_log

```
LoadPlugin write_log
<Plugin write_log>
Format JSON
</Plugin>
```

## Write\_Http Plugin Format

```
<LoadPlugin write_http>
  FlushInterval 60
</LoadPlugin>
<Plugin write_http>
  <Node "example">
    URL "http://10.2.1.1:8100/configure/collectd"
    Format "JSON"
    BufferSize 10240
  </Node>
</Plugin>
```

