



collectd Plugin Configuration for VTC and VTF

This appendix provides collectd plugin configuration for VTC and VTF.

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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>
```

