



## collectd Output JSON Examples

This appendix provides examples collectd JSON output.

VTC has the following information to emit to the Centralized Collect-D :

1. Master or Slave
2. IP or Hostname of the VTC
3. Stats Category—say number of tenants
4. Stats Sub-Category—say the vtep name if we have tenants per vtep
5. Count—count of tenants

Collect-D offers minimum attributes to set. They are:

1. Host
2. Plugin
3. Plugin-Instance
4. Type
5. Type-Instance

Of this the default values of Type can be only gauge and counter. To have custom types, the collect-d types.db needs to be updated with the custom types.

### JSON Format

```
{
  "values": [1],
  "dstypes": ["counter"],
  "dsnames": ["value"],
  "time": 1515406938.687,
  "interval": 10.000,
  "host": "vtc-master-192.168.133.126",
  "plugin": "tenants",
  "plugin_instance": "",
  "type": "vtep",
  "type_instance": "vtep1"
}
```

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## Default Plugins—JSON Examples

### CPU

```
{
  "values": [1270783],
  "dstypes": ["derive"],
  "dsnames": ["value"],
  "time": 1515406948.326,
  "interval": 10.000,
  "host": "vtc126",
  "plugin": "cpu",
  "plugin_instance": "0",
  "type": "cpu",
  "type_instance": "user"
}
```

### Memory

```
{
  "values": [335605760],
  "dstypes": ["gauge"],
  "dsnames": ["value"],
  "time": 1515406938.400,
  "interval": 10.000,
  "host": "vtc126",
  "plugin": "memory",
  "plugin_instance": "",
  "type": "memory",
  "type_instance": "slab_recl"
}
```

## Custom Plugin—JSON Examples

### Total Number of Tenants

```
{
  "values": [ 3],
  "dstypes": ["counter"],
  "dsnames": ["value"],
  "time": 1515406938.687,
  "interval": 10.000,
  "host": "vtc126",
  "plugin": "vtc",
  "plugin_instance": "",
  "type": "tenants",
  "type_instance": "vtc"
}
```

### Total Number of Tenant per VTEP

```
{
  "values": [1],
  "dstypes": ["counter"],
  "dsnames": ["value"],
  "time": 1515406938.687,
  "interval": 10.000,
  "host": "vtc126",
  "plugin": "vtc",
  "plugin_instance": "",
  "type": "tenants",
}
```

```
  "type_instance": "vtep1"  
}
```

