Cluster stats requests

<table>
<thead>
<tr>
<th>Method</th>
<th>Path</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GET</td>
<td>/v1/cluster/stats</td>
<td>Get cluster stats</td>
</tr>
</tbody>
</table>

Get cluster stats

GET /v1/cluster/stats

Get cluster statistics.

Required permissions

<table>
<thead>
<tr>
<th>Permission name</th>
</tr>
</thead>
<tbody>
<tr>
<td>view_cluster_stats</td>
</tr>
</tbody>
</table>

Request

Example HTTP request

GET /cluster/stats/1?interval=1hour&stime=2014-08-28T10:00:00Z

Request headers

<table>
<thead>
<tr>
<th>Key</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Host</td>
<td>cnm.cluster.fqdn</td>
<td>Domain name</td>
</tr>
<tr>
<td>Accept</td>
<td>application/json</td>
<td>Accepted media type</td>
</tr>
</tbody>
</table>

Query parameters

<table>
<thead>
<tr>
<th>Field</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>interval</td>
<td>string</td>
<td>Time interval for which we want stats: 1sec/10sec/5min/15min/1hour/12hour/1week (optional)</td>
</tr>
<tr>
<td>stime</td>
<td>ISO_8601</td>
<td>Start time from which we want the stats. Should comply with the ISO_8601 format (optional)</td>
</tr>
<tr>
<td>etime</td>
<td>ISO_8601</td>
<td>End time after which we don't want the stats. Should comply with the ISO_8601 format (optional)</td>
</tr>
</tbody>
</table>

Response
Returns statistics for the cluster.

Example JSON body

```
{
  "intervals": [
    {
      "interval": "1hour",
      "stime": "2015-05-27T12:00:00Z",
      "etime": "2015-05-28T12:59:59Z",
      "conns": 0.0,
      "cpu_idle": 0.8533959401503577,
      "cpu_system": 0.01602159448549579,
      "cpu_user": 0.08721123782294203,
      "egress_bytes": 1111.2184745131947,
      "ephemeral_storage_avail": 3406676307.1449075,
      "ephemeral_storage_free": 4455091440.360014,
      "free_memory": 2745470765.673594,
      "ingress_bytes": 220.84083194769272,
      "interval": "1week",
      "persistent_storage_avail": 3406676307.1533995,
      "persistent_storage_free": 4455091440.088265,
      "total_req": 0.0
    },
    {
      "interval": "1hour",
      "stime": "2015-05-27T13:00:00Z",
      "// additional fields..."
    }
  ]
}
```

Status codes

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>200 OK</td>
<td>No error</td>
</tr>
<tr>
<td>500 Internal Server Error</td>
<td>Internal server error</td>
</tr>
</tbody>
</table>

Updated: November 29, 2021