Database stats requests

<table>
<thead>
<tr>
<th>Method</th>
<th>Path</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GET</td>
<td>/v1/bdbs/stats</td>
<td>Get stats for all databases</td>
</tr>
<tr>
<td>GET</td>
<td>/v1/bdbs/stats/{uid}</td>
<td>Get stats for a specific database</td>
</tr>
</tbody>
</table>

Get all database stats

GET /v1/bdbs/stats

Get statistics for all databases.

Required permissions

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

Request

Example HTTP request

GET /bdbs/stats?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/1w (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 all databases.

Example JSON body

```
[
  {
    "uid": "1",
    "intervals": [
      {
        "interval": "1hour",
        "stime": "2015-05-27T12:00:00Z",
        "etime": "2015-05-28T12:59:59Z",
        "avg_latency": 0.0,
        "conns": 0.0,
        "egress_bytes": 0.0,
        "etime": "2015-05-28T00:00:00Z",
        "evicted_objects": 0.0,
        "expired_objects": 0.0,
        "instantaneous_ops_per_sec": 0.00011973180076628352,
        "last_req_time": "1970-01-01T00:00:00Z",
        "last_res_time": "1970-01-01T00:00:00Z",
        "used_memory": 5656299.362068966,
        "mem_size_lua": 35840.0,
        "monitor_sessions_count": 0.0,
        "no_of_keys": 0.0,
        "other_req": 0.0,
        "other_res": 0.0,
        "read_hits": 0.0,
        "read_misses": 0.0,
        "read_req": 0.0,
        "read_res": 0.0,
        "total_connections_received": 0.0,
        "total_req": 0.0,
        "total_res": 0.0,
        "write_hits": 0.0,
        "write_misses": 0.0,
        "write_req": 0.0,
        "write_res": 0.0
      },
      {
        "interval": "1hour",
        "stime": "2015-05-27T13:00:00Z",
        "avg_latency": 599.08,
        "// additional fields...
      }
    ]
  },
  {
    "uid": "2",
    "intervals": [
      {
        "interval": "1hour",
        "stime": "2015-05-27T12:00:00Z",
        "etime": "2015-05-28T12:59:59Z",
        "avg_latency": 0.0,
```
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>404 Not Found</td>
<td>No b dbs exist</td>
</tr>
</tbody>
</table>

Get database stats

GET /v1/bdbs/stats/{int: uid}

Get statistics for a specific database.

Required permissions

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

Request

Example HTTP request

GET /bdbs/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>

URL parameters

<table>
<thead>
<tr>
<th>Field</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>uid</td>
<td>integer</td>
<td>The unique ID of the BDB requested.</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 a specific database.

Example JSON body
{ "uid": "1", "intervals": [
{
"interval": "1hour",
"stime": "2015-05-27T12:00:00Z",
"etime": "2015-05-28T12:59:59Z",
"avg_latency": 0.0,
"conns": 0.0,
"egress_bytes": 0.0,
"evicted_objects": 0.0,
"pubsub_channels": 0,
"pubsub_patterns": 0,
"expired_objects": 0.0,
"ingress_bytes": 0.0,
"instantaneous_ops_per_sec": 0.00011973180076628352,
"last_req_time": "1970-01-01T00:00:00Z",
"last_res_time": "1970-01-01T00:00:00Z",
"used_memory": 5656299.362068966,
"mem_size_lua": 35840.0,
"monitor_sessions_count": 0.0,
"no_of_keys": 0.0,
"other_req": 0.0,
"other_res": 0.0,
"read_hits": 0.0,
"read_misses": 0.0,
"read_req": 0.0,
"read_res": 0.0,
"total_connections_received": 0.0,
"total_req": 0.0,
"total_res": 0.0,
"write_hits": 0.0,
"write_misses": 0.0,
"write_req": 0.0,
"write_res": 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>404 Not Found</td>
<td>bdb does not exist</td>
</tr>
<tr>
<td>406 Not Acceptable</td>
<td>bdb isn't currently active</td>
</tr>
<tr>
<td>503 Service Unavailable</td>
<td>bdb is in recovery state</td>
</tr>
</tbody>
</table>