

# Report Generator and Load Runner Website

# Home page

127.0.0.1:8012

Report Generator Home Dashboards Load Simulator

## Generate Performance Load Report

\$ report publishing logs will be displayed here

Resource Dashboards  
Detailed comparison and trend analysis of resource utilization over past sprints

Load Simulator  
Manage and Run osquery loads

Logs

Load Type: Select Load Type Load Name: Select Load Name

Select reports to generate/compare

Sprint Field 1: Select Sprint Run Field 1: Select Run +  
Sprint Field 2: Select Sprint Run Field 2: Select Run -

Confluence URL: https://uptycsjira.atlassian.net Email Address: @uptycs.com

Space: PERF API Key: Enter API key

Parent Page Title: Enter parent page title Report Title: Enter report title

View Report Publish to Confluence

## View Report

Contents Actions

Report will be displayed here after clicking 'View Report' Button

# Viewing the Report

127.0.0.1:8012

## View Report

Report generated successfully ×

### Osquery - Control plane load Performance Report

178\_1 vs 177\_1

---

#### Load details

Stack : S1  
Stack url : jupiter.uptycs.net  
Architecture : 1 X 6SU  
Sprint : 178  
Build : 178090  
Load name : ControlPlane  
Load type : Osquery  
Load duration in hrs : 11.0  
Load start time utc : 2024-06-06 16:21  
Load end time utc : 2024-06-07 03:21  
Load start time ist : 2024-06-06 21:51  
Load end time ist : 2024-06-07 08:51  
Run : 1  
Total number of customers : 1  
Test title : Control Plane Load  
Total assets : 60K  
Redis switchover case time ist :

---

Error occurred while processing Test environment details. Please check if this key has valid format in mongo. 'NoneType' object is not subscriptable

#### Observations

observation	Status	Comments
Check for Ingestion lag		

Actions

- ↓
- ↶ ↷
- ↶
- ↷
- ↶ ↷
- ↷
- ↶
- ↷
- ↑

Contents
Search...
+ Load details
+ Observations
+ Bugs raised
+ Overall memory usage by each nodetype (gb)
+ Overall cpu usage by each nodetype (cores)
+ Contributers to Resource Usage increase/decrease
+ Complete Analysis piecharts for resource utilizations
+ Memory usages
+ Cpu usages

### Contributers to Resource Usage increase/decrease

#### Memory usages analysis

node_type	Top 5 contributors to increase	Top 5 contributors to decrease
dummy_node_type_0	Dummy_application_0 app : 39.98 GB <span style="color: red;">↑</span> others (0) app : 0.0 GB <span style="color: blue;">↑</span>	Dummy_pod_0 pod : 41.03 GB <span style="color: green;">↓</span> Dummy_container_0 container : 29.18 GB <span style="color: green;">↓</span> others (0) container : 0.0 GB <span style="color: blue;">↓</span> others (0) pod : 0.0 GB <span style="color: blue;">↓</span>
dummy_node_type_1	Dummy_application_1 app : 29.17 GB <span style="color: red;">↑</span> others (0) app : 0.0 GB <span style="color: blue;">↑</span>	Dummy_container_1 container : 17.61 GB <span style="color: green;">↓</span> Dummy_pod_1 pod : 12.73 GB <span style="color: green;">↓</span> others (0) container : 0.0 GB <span style="color: blue;">↓</span> others (0) pod : 0.0 GB <span style="color: blue;">↓</span>
dummy_node_type_3	Dummy_application_3 app : 57.47 GB <span style="color: red;">↑</span> Dummy_container_3 container : 34.91 GB <span style="color: red;">↑</span> Dummy_pod_3 pod : 34.68 GB <span style="color: blue;">↑</span> others (0) app : 0.0 GB <span style="color: blue;">↑</span> others (0) container : 0.0 GB <span style="color: blue;">↑</span>	Nan
dummy_node_type_4	Dummy_pod_4 pod : 92.86 GB <span style="color: red;">↑</span> Dummy_application_4 app : 47.79 GB <span style="color: red;">↑</span> Dummy_container_4 container : 9.78 GB <span style="color: red;">↑</span> others (0) app : 0.0 GB <span style="color: blue;">↑</span> others (0) container : 0.0 GB <span style="color: blue;">↑</span>	Nan
dummy_node_type_2	Nan	Dummy_application_2 app : 75.78 GB <span style="color: green;">↓</span> Dummy_container_2 container : 16.71 GB <span style="color: green;">↓</span> Dummy_pod_2 pod : 1.26 GB <span style="color: green;">↓</span> others (0) app : 0.0 GB <span style="color: blue;">↓</span> others (0) container : 0.0 GB <span style="color: blue;">↓</span>

#### Cpu usage analysis

node_type	Top 5 contributors to increase	Top 5 contributors to decrease
dummy_node_type_0	Dummy_application_0 app : 39.98 cores <span style="color: red;">↑</span> others (0) app : 0.0 cores <span style="color: blue;">↑</span>	Dummy_pod_0 pod : 41.03 cores <span style="color: green;">↓</span> Dummy_container_0 container : 29.18 cores <span style="color: green;">↓</span> others (0) container : 0.0 cores <span style="color: blue;">↓</span> others (0) pod : 0.0 cores <span style="color: blue;">↓</span>
dummy_node_type_1	Dummy_application_1 app : 29.17 cores <span style="color: red;">↑</span> others (0) app : 0.0 cores <span style="color: blue;">↑</span>	Dummy_container_1 container : 17.61 cores <span style="color: green;">↓</span> Dummy_pod_1 pod : 12.73 cores <span style="color: green;">↓</span> others (0) container : 0.0 cores <span style="color: blue;">↓</span> others (0) pod : 0.0 cores <span style="color: blue;">↓</span>
dummy_node_type_3	Dummy_application_3 app : 57.47 cores <span style="color: red;">↑</span> Dummy_container_3 container : 34.91 cores <span style="color: red;">↑</span> Dummy_pod_3 pod : 34.68 cores <span style="color: blue;">↑</span> others (0) app : 0.0 cores <span style="color: blue;">↑</span> others (0) container : 0.0 cores <span style="color: blue;">↑</span>	Nan
dummy_node_type_4	Dummy_pod_4 pod : 92.86 cores <span style="color: red;">↑</span> Dummy_application_4 app : 47.79 cores <span style="color: red;">↑</span> Dummy_container_4 container : 9.78 cores <span style="color: red;">↑</span> others (0) app : 0.0 cores <span style="color: blue;">↑</span> others (0) container : 0.0 cores <span style="color: blue;">↑</span>	Nan
dummy_node_type_2	Nan	Dummy_application_2 app : 75.78 cores <span style="color: green;">↓</span> Dummy_container_2 container : 16.71 cores <span style="color: green;">↓</span> Dummy_pod_2 pod : 1.26 cores <span style="color: green;">↓</span> others (0) app : 0.0 cores <span style="color: blue;">↓</span> others (0) container : 0.0 cores <span style="color: blue;">↓</span>

Contents

Search...

- + Load details
- + Observations
- + Bugs raised
- + Overall memory usage by each nodetype (gb)
- + Overall cpu usage by each nodetype (cores)
- + Contributors to Resource Usage increase/decrease
- + Complete Analysis piecharts for resource utilizations
- + Memory usages
- + Cpu usages

### Complete Analysis piecharts for resource utilizations

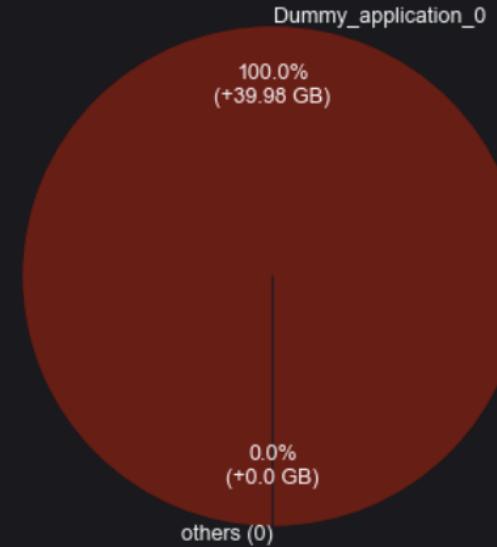
#### dummy\_node\_type\_0

## Dummy\_Node\_Type\_0 nodetype

**Dummy\_Node\_Type\_0 nodetype : Memory usage comparison and analysis**

Application level Memory  
absolute increase: +39.98 GB↑  
relative increase: +99.13 %↑

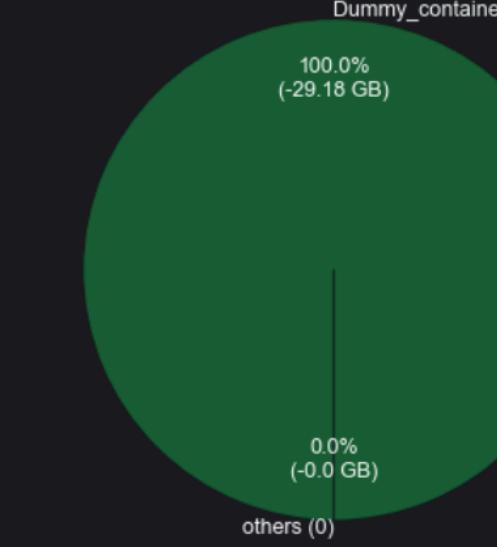
No Applications contributing to decrease in memory for dummy\_node\_type\_0 nodetype (+39.98 GB ↑)



Category	Value
Dummy_application_0	100.0% (+39.98 GB)
others (0)	0.0% (+0.0 GB)

Container level Memory  
absolute decrease: -29.18 GB↓  
relative decrease: -31.13 %↓

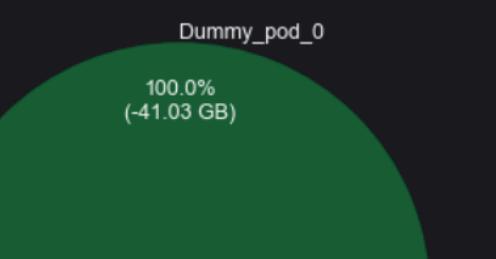
No Containers found contributing to increase in memory for dummy\_node\_type\_0 nodetype



Category	Value
Dummy_container_0	100.0% (-29.18 GB)
others (0)	0.0% (-0.0 GB)

Pod level Memory  
absolute decrease: -41.03 GB↓  
relative decrease: -34.66 %↓

No Pods found contributing to increase in memory for dummy\_node\_type\_0 nodetype

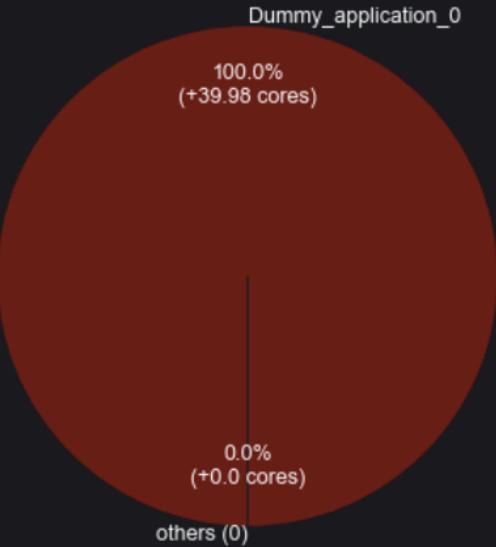


Category	Value
Dummy_pod_0	100.0% (-41.03 GB)
others (0)	0.0% (-0.0 GB)

**Dummy\_Node\_Type\_0 nodetype : CPU usage comparison and analysis**

Application level CPU  
absolute increase: +39.98 cores↑  
relative increase: +99.13 %↑

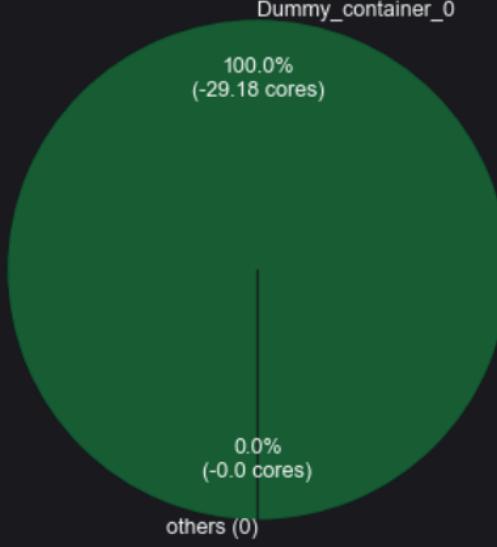
No Applications found contributing to decrease in cpu for dummy\_node\_type\_0 nodetype (+39.98 cores ↑)



Category	Value
Dummy_application_0	100.0% (+39.98 cores)
others (0)	0.0% (+0.0 cores)

Container level CPU  
absolute decrease: -29.18 cores↓  
relative decrease: -31.13 %↓

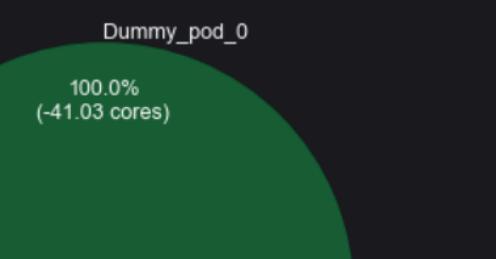
No Containers found contributing to increase in cpu for dummy\_node\_type\_0 nodetype



Category	Value
Dummy_container_0	100.0% (-29.18 cores)
others (0)	0.0% (-0.0 cores)

Pod level CPU  
absolute decrease: -41.03 cores↓  
relative decrease: -34.66 %↓

No Pods found contributing to increase in cpu for dummy\_node\_type\_0 nodetype



Category	Value
Dummy_pod_0	100.0% (-41.03 cores)
others (0)	0.0% (-0.0 cores)

Actions

- ↓
- ↔
- ↶
- ↷
- ⤵
- ⤶
- ⤷
- ⤸
- ⤹

Successfully fetched Masabathulas-MacBook-Pro.local health information.

● 1 / 2 Simulators Online

✓ 2 / 2 Simulators Selected

⟳ 0 Total Live assets in configdb

### ⚙️ Update Simulator Parameters

✓ Select all

↻ Pull latest code

⟳ CPU / Mem

⟳ Refresh

✖ Kill Instances

👤 Enroll Assets

▶ Start Load

▣ Stop Load

Load Type: Stack:

Osquery s1\_nodes.json

Number of Customers to send load to: Total Number of Assets to Simulate:

100 10000

First X% of customers: Gets Y% of total load:

Select X = 50 Select Y = 50

No.of msgs (msgs x 4 = Load Duration in seconds): Input File:

9000 Select Input File

**Update Params** View Asset Distribution More about inputfile

Note: Asset distribution will be done only on the selected simulators. So please validate the selected simulators before proceeding.

● 1 / 2 Simulators Online

Online	Offline
localhost	
0	0
Live assets in configdb	Live assets in configdb
0	0
100	100
live instances	exp. instances
10000	227
assets to enroll	msgs to send
00:15:08	load duration

✓ 2 / 2 Simulators Selected

⌚ Offline

machine2

⌚ Offline

0

Live assets in configdb

Failed to connect to the simulator server  
'http://machine2:8123/check\_sim\_health':  
HTTPConnectionPool(host='machine2', port=8123): Max retries  
exceeded with url: /check\_sim\_health (Caused by  
NameResolutionError(): Failed to resolve 'machine2' ([Errno 8]  
nodename nor servname provided, or not known'))

Asset distribution logic calculated. ✕

[Update Params](#)[View Asset Distribution](#)[More about inputfile](#)

Note: Asset distribution will be done only on the selected simulators. So please validate the selected simulators before proceeding.

### Asset Distribution Logic

Key	Value																					
1.Total assets to enroll	10000																					
2.Total number of customers	100																					
3. Number of simulators configured	2																					
4.Asset Distribution for each customer	<table border="1"><thead><tr><th>index</th><th>assets</th></tr></thead><tbody><tr><td>0</td><td>100</td></tr><tr><td>1</td><td>100</td></tr><tr><td>2</td><td>100</td></tr><tr><td>3</td><td>100</td></tr><tr><td>4</td><td>100</td></tr><tr><td>5</td><td>100</td></tr></tbody></table>	index	assets	0	100	1	100	2	100	3	100	4	100	5	100							
index	assets																					
0	100																					
1	100																					
2	100																					
3	100																					
4	100																					
5	100																					
5.First 50.0% (50) of customers gets	5000 assets.																					
6.And The last 50.0% (50) of customers gets	5000 assets.																					
simulator 'localhost' instance list: (assets=5000)	<table border="1"><thead><tr><th>index</th><th>domain</th><th>assets</th></tr></thead><tbody><tr><td>0</td><td>jupiter</td><td>100</td></tr><tr><td>1</td><td>jupiter2</td><td>100</td></tr><tr><td>2</td><td>jupiter4</td><td>100</td></tr><tr><td>3</td><td>jupiter6</td><td>100</td></tr><tr><td>4</td><td>jupiter8</td><td>100</td></tr><tr><td>5</td><td>jupiter10</td><td>100</td></tr></tbody></table>	index	domain	assets	0	jupiter	100	1	jupiter2	100	2	jupiter4	100	3	jupiter6	100	4	jupiter8	100	5	jupiter10	100
index	domain	assets																				
0	jupiter	100																				
1	jupiter2	100																				
2	jupiter4	100																				
3	jupiter6	100																				
4	jupiter8	100																				
5	jupiter10	100																				
simulator 'machine2' instance list: (assets=5000)	<table border="1"><thead><tr><th>index</th><th>domain</th><th>assets</th></tr></thead><tbody><tr><td>0</td><td>jupiter1</td><td>100</td></tr><tr><td>1</td><td>jupiter3</td><td>100</td></tr><tr><td>2</td><td>jupiter5</td><td>100</td></tr><tr><td>3</td><td>jupiter7</td><td>100</td></tr><tr><td>4</td><td>jupiter9</td><td>100</td></tr><tr><td>5</td><td>jupiter11</td><td>100</td></tr></tbody></table>	index	domain	assets	0	jupiter1	100	1	jupiter3	100	2	jupiter5	100	3	jupiter7	100	4	jupiter9	100	5	jupiter11	100
index	domain	assets																				
0	jupiter1	100																				
1	jupiter3	100																				
2	jupiter5	100																				
3	jupiter7	100																				
4	jupiter9	100																				
5	jupiter11	100																				