1. Currently having 4 talaria and only 1 simulator device connected to talaria

D Enable query history	
dev_xmidt_talaria_active_connections	Load time: 416m Resolution: 14s
Execute - insert metric at cursor · •	Total time series
Moment	
Element	Value
dev_xmidt_talaria_active_connections{instance="xmidt-talaria-0.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",server="primary"}	0
dev_xmidt_talaria_active_connections(instance="xmidt-talaria-1.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",server="primary"}	0
	1
lev_xmidt_talaria_active_connections(instance="xmidt-talaria-2.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",server="primary"}	1
dev_xmidt_talaria_active_connections{instance="xmidt-talaria-3.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",server="primary"}	0 Remove Grap
dev_xmidt_talaria_active_connections{instance="xmidt-talaria-3.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",server="primary"} Add Graph Enable query history dev_xmidt_talaria_hardware_mode! csecute - insert metric at cursor · \$ Graph Console	0
dev_xmidt_talaria_active_connections(instance="xmidt-talaria-3.rdk-shared-dev.svc.cluster.local:6204".job="talaria-shared-dev",server="primary") Add Graph Enable query history dev_xmidt_talaria_hardware_model execute - insert metric at cursor · +	0 Remove Gray Load time: 3600 Resolution: 145

2. Will make talaria 2 and 3 down, Now simulator device is connected to talaria1

C Enable query history	
dev_xmidt_talaria_hardware_model	Load time: 350ms Resolution: 14s Total time series: 1
Execute - insert metric at cursor · +	total time series: 1
Graph Console	
Moment >>	
Element	Value
dev_xmidt_talaria_hardware_model{firmware="mock-rdkb-firmware",instance="xmidt-talaria-1.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",model="aker-testing",partnerid="unknown",trust="0"}	1
	Remove Graph
Prometheus Alerts Graph Status - Help	
Enable query history	
dev_xmidt_talaria_active_connections	Load time: 442ms Resolution: 14s
Execute - insert metric at cursor · +	Total time series: 2
Graph Console	
Moment >>	
Element	Value
dev_xmidt_talaria_active_connections{instance="xmidt-talaria-0.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",server="primary"}	0
dev_xmidt_talaria_active_connections{instance="xmidt-talaria-1.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",server="primary"}	1
	Remove Graph

3. Rehash metrics

dev_xmidt_talaria_rehash_disconnect_device	C	Load time: 439ms Resolution: 14s
Execute - insert metric at cursor · +	10	Total time series: 2
Graph Console		
Moment		
Element		Value
dev_xmidt_talaria_rehash_disconnect_device{instance="xmidt-talaria-0.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",service="talaria"}		0
dev_xmidt_talaria_rehash_disconnect_device{instance="xmidt-talaria-1.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",service="talaria"}		0
		Remove Graph
Prometheus Alerts Graph Status - Help		
C Enable query history		
dev_xmidt_talaria_rehash_duration_ms	©	Load time: 348ms Resolution: 14s
Execute - insert metric at cursor · +		Total time series: 2
Graph Console		
Moment >>		
Element		Value
dev_xmidt_talaria_rehash_duration_ms(instance="xmidt-talaria-0.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",service="talaria")		0
dev_xmidt_talaria_rehash_duration_ms{instance="xmidt-talaria-1.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",service="talaria"}		0
		Remove Graph
Prometheus Alerts Graph Status - Help		
C Enable query history		Lead March 200
dev_xmidt_talaria_rehash_keep_device	G	Load time: 369ms Resolution: 14s Total time series: 2
Execute - insert metric at cursor · ◆		
Graph Console		
Graph Console		Value
Graph Console		Value 0
Graph Console		
Graph Console Image: Console Image: Console </td <td></td> <td>0</td>		0
Graph Console Image: Console Image: Console </td <td></td> <td>0</td>		0
Graph Console Image: Console Image: Console </td <td></td> <td>0</td>		0
Graph Console Image: Moment Image: Moment Element dev_xmidt_talaria_rehash_keep_device{instance="xmidt-talaria-0.rdk-shared-dev.svc.cluster.local:6204".job="talaria-shared-dev",service="talaria"} dev_xmidt_talaria_rehash_keep_device{instance="xmidt-talaria-1.rdk-shared-dev.svc.cluster.local:6204".job="talaria-shared-dev",service="talaria")	G	0 0 Remove Graph Load time: 344ms Resolution: 14s
Graph Console Image: Moment Image: Moment Element dev_xmidt_talaria_rehash_keep_device(instance="xmidt-talaria-0.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",service="talaria") dev_xmidt_talaria_rehash_keep_device(instance="xmidt-talaria-1.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",service="talaria") Denable query history		0 0 Remove Graph Load time: 344ms
Graph Console Image: Console Image: Console Image: Console Image: Console Element Image: Console dev_xmidt_talaria_rehash_keep_device(instance="xmidt-talaria-0.rdk-shared-dev.svc.cluster.local:6204".job="talaria-shared-dev",service="talaria") dev_xmidt_talaria_rehash_keep_device(instance="xmidt-talaria-1.rdk-shared-dev.svc.cluster.local:6204".job="talaria-shared-dev",service="talaria") Image: Console Image: Console Image: Console		0 0 Remove Graph Load time: 344ms Resolution: 14s
Graph Console Image: Moment Image: Moment Element dev_xmidt_talaria_rehash_keep_device(instance="xmidt-talaria-0.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",service="talaria"} dev_xmidt_talaria_rehash_keep_device(instance="xmidt-talaria-1.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",service="talaria"} D Enable query history dev_xmidt_talaria_rehash_timestamp Image: moment and the start of		0 0 Remove Graph Load time: 344ms Resolution: 14s
Graph Console Image: Moment Image: Moment Element dev_xmidt_talaria_rehash_keep_device{instance="xmidt-talaria-0.rdk-shared-dev.svc.cluster.local:6204".job="talaria-shared-dev",service="talaria") dev_xmidt_talaria_rehash_keep_device{instance="xmidt-talaria-1.rdk-shared-dev.svc.cluster.local:6204".job="talaria-shared-dev",service="talaria") dev_xmidt_talaria_rehash_keep_device{instance="xmidt-talaria-1.rdk-shared-dev.svc.cluster.local:6204".job="talaria-shared-dev",service="talaria") Denable query history dev_xmidt_talaria_rehash_timestamp Execute - insert metric at cursor · \$ Graph Console		0 0 Remove Graph Load time: 344ms Resolution: 14s
Graph Console Image: Moment Image: Moment Element Image: Moment dev_xmidt_talaria_rehash_keep_device(instance="xmidt-talaria-0.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",service="talaria"} dev_xmidt_talaria_rehash_keep_device(instance="xmidt-talaria-1.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",service="talaria"} Image: Moment Image: Moment Image: Moment Image: Moment Image: Moment Image: Moment		0 0 Remove Graph Load time: 344ms Resolution: 14s Total time series: 2
Graph Console Image: Moment Image: Moment Element Image: Moment dev_xmidt_talaria_rehash_keep_device(instance="xmidt-talaria-0.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",service="talaria") dev_xmidt_talaria_rehash_keep_device(instance="xmidt-talaria-1.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",service="talaria") Image: Console Image: Console Image: Console		0 0 Remove Graph Load time: 344ms Resolution: 14s Total time series: 2 Value

4. Starting kratos with 500 instances.

5. Now talaria0 is having 500 WS connections.

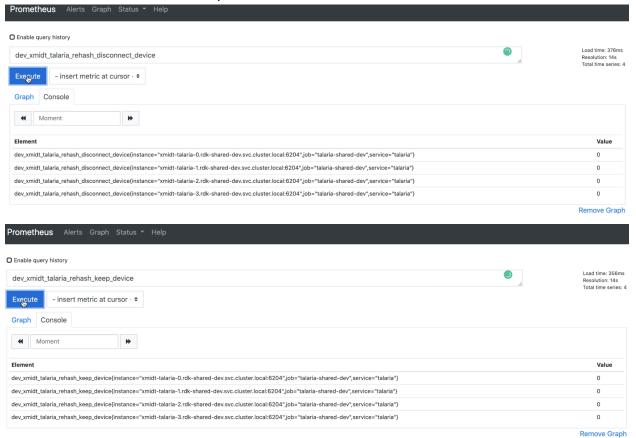
Prometheus Alerts Graph Status - Help	
D Enable query history	
dev_xmidt_talaria_active_connections	Load time: 359ms Resolution: 14s
Execute - insert metric at cursor - +	Total time series: :
Graph Console	
Moment	
Element	Value
dev_xmidt_talaria_active_connections(instance="xmidt-talaria-0.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",server="primary"}	500
dev_xmidt_talaria_active_connections{instance="xmidt-talaria-1.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",server="primary"}	1
Enable query history	
dev_xmidt_talaria_hardware_model	Load time: 213ms Resolution: 14s
Execute - insert metric at cursor · +	Total time series:
Graph Console	
Moment	
Element	Value
dev_xmidt_talaria_hardware_model{firmware="mock-rdkb-firmware";instance="xmidt-talaria-1.rdk-shared-dev.svc.cluster.local.6204";job="talaria-shared-dev";model="aker-testing";partnerid="unknown";trust="0"]	1
dev_xmidt_talaria_hardware_model{firmware="unknown",instance="xmidt-talaria-0.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",model="unknown",partnerid="unknown",trust="0"}	500
	Remove Grap

6. Now adding talaria2 and talaria3

Prometheus Alerts Graph Status * Help	
Enable query history	
dev_xmidt_talaria_active_connections	Load time: 254ms Resolution: 14s
Execute - insert metric at cursor · +	Total time series: 3
Graph Console	
Moment	
Element	Value
dev_xmldt_talaria_active_connections(instance="xmidt-talaria-0.rdk-shared-dev.svc.cluster.local:5204",job="talaria-shared-dev",server="primary")	0
dev_xmidt_talaria_active_connections{instance="xmidt-talaria-1.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev_server="primary"}	1
dev_xmidt_talaria_active_connections{instance="xmidt-talaria-2.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",server="primary"}	1
	Remove Graph
Prometheus Alerts Graph Status + Help	
O Enable query history	

dev_xmidt_talaria_active_connections	Load time: 361ms Resolution: 14s Total time series: 4
Execute	
Graph Console	
Moment	
Element	Value
dev_xmidt_talaria_active_connections(instance="xmidt-talaria-0.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",server="primary"}	0
dev_xmidt_talaria_active_connections(instance="xmidt-talaria-1.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",server="primary")	0
dev_xmidt_talaria_active_connections(instance="xmidt-talaria-2.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",server="primary")	1
dev_xmidt_talaria_active_connections(instance="xmidt-talaria-3.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",server="primary")	0
	Remove Graph

- 7. In step 6 we saw all the devices were drained when talaria 2 came online.
- 8. Here are rehash metrics after step 6.



Prometheus Alerts Graph Status - Help	
Enable query history	
dev_xmidt_talaria_rehash_timestamp	Load time: 352ms Resolution: 14s
Execute - insert metric at cursor +	Total time series: 4
Graph Console	
Moment	
Element	Value
dev_xmidt_talaria_rehash_timestamp{instance="xmidt-talaria-0.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",service="talaria"}	1625035297
dev_xmidt_talaria_rehash_timestamp{instance="xmidt-talaria-1.rdk-shared-dev.svc.cluster.local:6204".job="talaria-shared-dev",service="talaria"}	1625035297
dev_xmldt_talaria_rehash_timestamp{instance="xmldt-talaria-2.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",service="talaria"}	1625035297
dev_xmidt_talaria_rehash_timestamp{instance="xmidt-talaria-3.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",service="talaria"}	1625035297
Prometheus Alerts Graph Status * Help	Remove Graph
Enable query history	
dev_xmidt_talaria_rehash_disconnect_device	C Load time: 352ms Resolution: 14s
Execute - insert metric at cursor · •	Total time series: 4
Graph Console	
Moment >>	
Element	Value
dev_xmidt_talaria_rehash_disconnect_device{instance="xmidt-talaria-0.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",service="talaria"}	0
dev_xmidt_talaria_rehash_disconnect_device{instance="xmidt-talaria-1.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",service="talaria"}	0
dev_xmidt_talaria_rehash_disconnect_device{instance="xmidt-talaria-2.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",service="talaria"}	0
dev_xmidt_talaria_rehash_disconnect_device{instance="xmidt-talaria-3.rdk-shared-dev.svc.cluster.local:6204",job="talaria-shared-dev",service="talaria"}	0
	Remove Graph

Add Graph