

Dashboard

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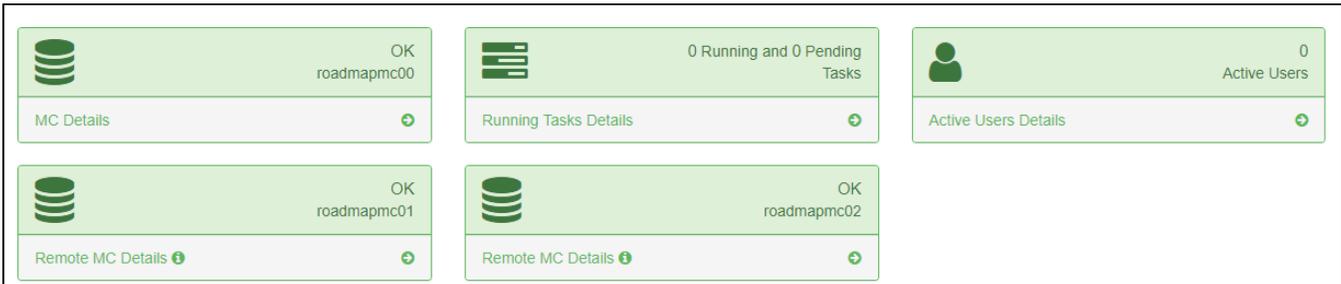
General Status

On the top right corner of the status page the last refresh time of is displayed. A refresh can be triggered manually by clicking the refresh button or can be done automatically by checking the auto refresh box next to the refresh button.

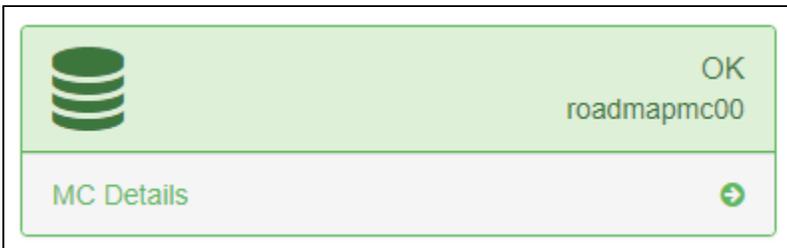


At the top of the dashboard page the general status of the live system components is visible:

- Master Controller
- Number of pending and running tasks
- Number of active users (Operator Client users and Config Manager users)
- Remote Master Controllers (only available in a multi MC system)



Master Controller Status

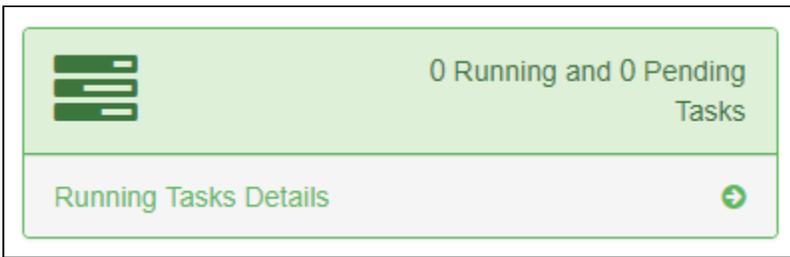


General status indication of the master controller. Possible states:

- **OK:** master controller is working as expected. Component will displayed green.
- **Unknown:** The status of the master controller is unknown. The component will be displayed in gray.
- **Failed:** The master controller is in failed state. The component will be displayed in red.

In case detailed information is required, a link to the details is available at the bottom of this component.

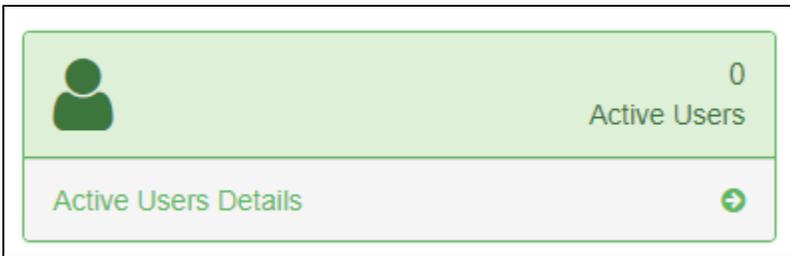
Running and Pending tasks Status



A green status card for 'Running Tasks'. The top section shows a server icon on the left and the text '0 Running and 0 Pending Tasks' on the right. The bottom section contains a link 'Running Tasks Details' with a right-pointing arrow icon.

Indicates the number of currently running and pending tasks. In case detailed information is required, a link to the details page is available at the bottom of this component.

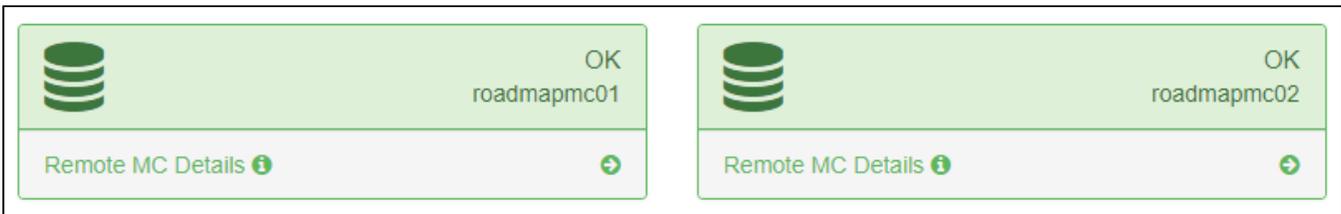
Active Users Status



A green status card for 'Active Users'. The top section shows a person icon on the left and the text '0 Active Users' on the right. The bottom section contains a link 'Active Users Details' with a right-pointing arrow icon.

Indicates the number of currently connected clients. This includes the number of Operator Clients and Config Manager clients. For a multi MC system the connections over all MC's is displayed. In case detailed information per MC is required, a link to the details page is available at the bottom of this component.

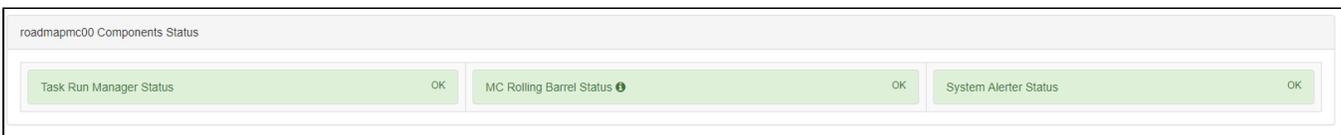
Remote Master Controllers Status



Two side-by-side green status cards for Remote Master Controllers. Each card shows a server icon on the left, the status 'OK' and the name 'roadmapmc01' (left) or 'roadmapmc02' (right) on the right. The bottom section of each card contains a link 'Remote MC Details' with an information icon and a right-pointing arrow icon.

In case of a multi MC system, one or more components will be displayed for each configured Remote Master Controller. The status indications are the same as for the Master Controller status.

Master Controllers Components Status



A green status card titled 'roadmapmc00 Components Status'. It contains three sub-status boxes: 'Task Run Manager Status' (OK), 'MC Rolling Barrel Status' (OK with an information icon), and 'System Alerter Status' (OK).

The different master controller components are:

element	description
Task Run Manager Status	OK when this component has sent recent heartbeats, failed otherwise.
MC Rolling Barrel Status	OK when this component has sent recent heartbeats, failed otherwise. Also shows the age of the last heartbeat.
System Alerter Status	OK when this component has sent recent heartbeats, failed otherwise.

The MC Rolling Barrel has a tooltip when hovering over the . This will display statistics about the rolling barrel.

```

last successful rolling barrel start
time=Thu Feb 21 09:14:05 GMT
2019, this month:
startedCount=2903, failed=0,
failed run=0, duration=19m 10s,
down duration=0s, expired=0,
extended=0, total: started=12485,
failed=23, success=12458,
duration=33m 13s, down
duration=0s, expired=0,
extended=0

```

Forecasting Shell Servers Status

The FSS status table displays all Forecasting Shells that are active. A FSS is active when a heartbeat was received in the last 5 minutes.

MC ID	FSS Group ID	FSS ID	Status	Running Workflow ID	Last Workflow Status	Last Run Workflow ID	Last Task Run Dispatch Time	Last Heartbeat
roadmapmc00	linux_postgres	4100	Restarting To Use Patched Base Build		Complete		21/02/2019 09:13:02	21/02/2019 09:13
roadmapmc00	windows_fs008_postgres	3980	Ready		Complete	21/02/2019 09:15:00	21/02/2019 09:15:45	21/02/2019 09:15

The different columns are explained in the following table:

element	description
MC ID	The master-controller mclid.
FSS Group ID	FSS Group the Forecasting Shell is part of
FSS ID	The Forecasting Shell Server FSS id.
Status	FSS status. Forecasting Shell Servers Status
Running Workflow ID	Workflow ID that is currently Running
Last Workflow Status	Scheduled / Pending / Running / Invalid / Failed / Complete / Partly Complete / Terminated / Partly Successful / Unknown.
Last Workflow ID	WorkflowId run on the listed Forecasting Shell Server.
Last Workflow Dispatch Time	Last dispatch time.
Last Heartbeat	Last received heartbeat time.

Since 2019.02 the FSS status page will display all forecasting shells that are down. If one or more Forecasting Shell Servers are down, the general FSS Status will be displayed as "failed" and a warning color will be displayed. In the following example there are 2 FSSs with a status "No Heartbeat".

MC ID	FSS Group ID	FSS ID	Status	Running Workflow ID	Last Workflow Status	Last Run Workflow ID	Last Task Run Dispatch Time	Last Heartbeat
MC01	linux	80	Ready		Complete			01/10/2019 11:24:15
MC01	linux	100	No Heartbeat		Complete			24/09/2019 13:34:06
MC01	ModelX	120	No Heartbeat		Complete			24/09/2019 12:02:58

It is possible to acknowledge the failed state of the Forecasting Shell on the [Forecasting Shell Servers](#) page. On the page one or more FSSs in a failed state can be selected and acknowledged. After acknowledging the failed state the FSS Status will be displayed as follows:

FSS Status									OK
MC ID	FSS Group ID	FSS ID	Status	Running Workflow ID	Last Workflow Status	Last Run Workflow ID	Last Task Run Dispatch Time	Last Heartbeat	
MC01	linux	80	Ready		Complete			01/10/2019 11:36:17	

FSS Details

Each row in the FSS status table is clickable to display some details about a Forecasting Shell.

FSS Details	
FSS ID	300
FSS Status	200 : Ready
FSS Hostname	4650d40c97a2
Allocated Memory	3945 MByte
Number of CPUs	2
Host Slot Count	1
Index at Host	1

The following FSS details are displayed

element	description
FSS ID	The Forecasting Shell Server FSS id.
FSS Status	FSS status. Code and description of the FSS status
FSS Hostname	Hostname the FSS is running on
Allocated Memory	The amount of RAM memory in MByte that is available to the FSS
Number of CPUs	WorkflowId run on the listed Forecasting Shell Server.
Host Slot Count	Number of slots available on the FSS server (usually the number of CPUs)
Index at Host	The index of the slot that is used by the FSS.