

MMS GROUP testPremium

Deployment + ADD

PROCESSES SERVERS SHOW ALL PROCESSES

Name	last ping	Version	Members	Options
shard00		2.6.5	3 mongods	...
fredmac:57000	25 secs ago ●	2.6.5		...
fredmac:57001	25 secs ago ●	2.6.5		...
fredmac:57002	25 secs ago ●	2.6.5		...
shard01		2.6.5	3 mongods	... ⚙
fredmac:58000 view metrics	25 secs ago ●	2.6.5		... ⚙
fredmac:58001	25 secs ago ●	2.6.5		... ⚙
fredmac:58002	25 secs ago ●	2.6.5		... ⚙

>>> go to 22

>>> go to 21

"Servers" is no longer its own top-level tab. Both list and grid views are presented alongside host list and topology views.

The "Provisioning Logs" subnav item from the servers tab should go into the deployment subnav as a "Global Admins Only" item.

Not clickable

Takes you to a chart page

This options triggers the trusty old "Add Host" modal >>> go to 13

These three options invoke the existing add deployment item functionality in the side panel

TBD

MMS GROUP testPremium

Eastern Time (US & Canada) Admin Fred

Deployment

PROCESSES SERVERS SHOW ALL PROCESSES

Name	last ping	Version	Members
shard00		2.6.5	3 mongods
fredmac:57000	25 secs ago	2.6.5	
fredmac:57001	25 secs ago	2.6.5	
fredmac:57002	25 secs ago	2.6.5	
shard01		2.6.5	3 mongods
fredmac:58000	25 secs ago	2.6.5	
fredmac:58001	25 secs ago	2.6.5	
fredmac:58002	25 secs ago	2.6.5	

- + ADD
- Create New Cluster
- Create New Replica Set
- Create New Standalone
- Import Existing for Automation
- Import Existing for Monitoring
- Provision EC2 Machine(s)

Uses existing provisioning wizard

These options would filter the deployments to show only managed or not managed. Available on host topology and list views.

MMS GROUP testPremium

Eastern Time (US & Canada)

Deployment

+ ADD

PROCESSES SERVERS SHOW ALL PROCESSES

Name	last ping	Version	Members	Options
shard00		2.6.5	3 mongods	...
P fredmac:57000	25 secs ago ●	2.6.5		...
S fredmac:57001	25 secs ago ●	2.6.5		...
S fredmac:57002	25 secs ago ●	2.6.5		...
shard01		2.6.5	3 mongods	... ⚙
P fredmac:58000	25 secs ago ●	2.6.5		... ⚙
S fredmac:58001	25 secs ago ●	2.6.5		... ⚙
S fredmac:58002	25 secs ago ●	2.6.5		... ⚙

Dropdown menu: All Deployments, Managed, Monitored (not managed)

MMS GROUP testPremium

Deployment + ADD

PROCESSES SERVERS SHOW ALL PROCESSES

Name	last ping	Version	Members	Options
shard00		2.6.5	3 mongods	...
fredmac:57000	25 secs ago	2.6.5		...
fredmac:57001	25 secs ago	2.6.5		...
fredmac:57002	25 secs ago	2.6.5		...
shard01		2.6.5	3 mongods	... 🔧
fredmac:58000 view metrics	25 secs ago	2.6.5		... 🔧
fredmac:58001	25 secs ago	2.6.5		... 🔧
fredmac:58002	25 secs ago	2.6.5		... 🔧

Clicking the row and choosing "Properties" from the menu both invoke "Properties" in the side panel. >>> go to 05

- Properties
- Performance Metrics
- Connect to this Instance
- Monitoring Settings
- Modify
- Remove
- Shutdown

Clicking the wrench icon and choosing "Modify" from the menu both invoke "Modify" in the side panel. >>> go to 06

>>> see 08-10

>>> go to 07

Takes you to the same chart page

>>> go to 12

>>> go to 11

MMS GROUP testPremium

Deployment

PROCESSES SERVERS SHOW ALL PROCESSES

Name	last ping	Version	Members	Options
shard00		2.6.5	3 mongods	...
P fredmac:57000	25 secs ago ●	2.6.5		...
S fredmac:57001	25 secs ago ●	2.6.5		...
S fredmac:57002	25 secs ago ●	2.6.5		...
shard01		2.6.5	3 mongods	... ⚙
P fredmac:58000	25 secs ago ●	2.6.5		... ⚙
S fredmac:58001	25 secs ago ●	2.6.5		... ⚙
S fredmac:58002	25 secs ago ●	2.6.5		... ⚙

fredmac:58000

PROPERTIES

Name proton_1
Version 2.6.5
Auth Schema v 3
Port 58000
dbpath /data/proton_1

... view all

MODIFY

PERFORMANCE METRICS view all

Opcounters

COMMAND QUERY UPDATE DELETE GETMORE INSERT

Same functionality
>>> see 04

Clicking these "Modify"s all go to the same state of the side panel.
>>> go to 06

Clicking the chart or the "view all" link both go to the same chart page.
The chart could just be static and act as another way to get to the chart pages.

MMS GROUP testPremium

Deployment + ADD

PROCESSES SERVERS SHOW ALL PROCESSES

Name	last ping	Version	Members	Options
shard00		2.6.5	3 mongods	...
fredmac:57000	25 secs ago ●	2.6.5		...
fredmac:57001	25 secs ago ●	2.6.5		...
fredmac:57002	25 secs ago ●	2.6.5		...
shard01		2.6.5	3 mongods	... ⚙
fredmac:58000	25 secs ago ●	2.6.5		... ⚙
fredmac:58001	25 secs ago ●	2.6.5		... ⚙
fredmac:58002	25 secs ago ●	2.6.5		... ⚙

fredmac:58000 CANCEL APPLY

EDITING

CLUSTER CONFIGURATION

MongoDB Version

Eligible Server RegExp

Data Node Eligible Port Range

of MongoS MongoS Port

MongoS Distribution

of Config Servers Config Server Port

Config Server Distribution

Same as existing functionality >>> go to 14

The screenshot shows the MMS (Machine Management System) interface. At the top, it displays 'MMS' and 'GROUP testPremium'. The main area is titled 'Deployment' and shows a list of processes under two shards: 'shard00' and 'shard01'. A modal dialog is open in the center, asking for confirmation to shutdown the 'test-cluster'. The dialog text reads: 'Are you sure you want to shutdown test-cluster? Shutting down your cluster, test-cluster, will stop all processes and you will no longer be able to communicate with the cluster. However, you will still be able to use MMS to restart the cluster later. If you choose to shutdown and remove then MMS will no longer be able to restart the cluster.' There is a checkbox labeled 'Remove from MMS after shutting down' which is checked. At the bottom of the dialog are two buttons: 'CANCEL' and 'SHUTDOWN & REMOVE'.

MMS GROUP testPremium

Deployment + ADD

PROCESSES SERVERS SHOW ALL PROCESSES

Name	Options
shard00	...
fredmac:57000	...
fredmac:57001	...
fredmac:57002	...
shard01	... ⚙
fredmac:58000 view metrics	... ⚙
fredmac:58001	... ⚙
fredmac:58002	... ⚙

Are you sure you want to shutdown test-cluster?

Shutting down your cluster, test-cluster, will stop all processes and you will no longer be able to communicate with the cluster. However, you will still be able to use MMS to restart the cluster later.

If you choose to shutdown and remove then MMS will no longer be able to restart the cluster.

Remove from MMS after shutting down

CANCEL SHUTDOWN & REMOVE

The screenshot shows the MMS (Monitoring and Management System) interface. At the top, the title 'MMS' is displayed next to a 'GROUP' dropdown set to 'testPremium'. The right-hand navigation bar includes status indicators, a time zone dropdown set to 'Eastern Time (US & Canada)', a notification bell, a help icon, and user information for 'Admin' and 'Fred'. The main content area is titled 'Deployment' and features a '+ ADD' button. Below the title, there are tabs for 'PROCESSES' and 'SERVERS', and a 'SHOW' dropdown menu currently set to 'ALL PROCESSES'. The main display is a table with columns for 'Name', 'last ping', 'Version', 'Members', and 'Options'. The table is organized into two sections: 'shard00' and 'shard01'. 'shard00' contains three entries: 'fredmac:57000' (with a 'P' icon), 'fredmac:57001' (with an 'S' icon), and 'fredmac:57002' (with an 'S' icon). 'shard01' contains three entries: 'fredmac:58000' (with a 'P' icon and a 'view metrics' link), 'fredmac:58001' (with an 'S' icon), and 'fredmac:58002' (with an 'S' icon). Each row in the table has a three-dot menu icon in the 'Options' column. A white modal dialog box is centered on the screen, containing the text: 'Are you sure you want to remove test-cluster?'. Below this text, it explains: 'Removing this item from MMS will not shutdown any of the processes. This will, however, delete any past monitoring data that MMS has collected.' and 'You will be able to re-add the item at any time.' At the bottom of the dialog are two buttons: 'CANCEL' and 'REMOVE'.

The screenshot shows the MMS console interface. At the top, the header includes 'MMS', a 'GROUP' dropdown set to 'testPremium', and a navigation bar with icons for refresh, search, and help, along with the time 'Eastern Time (US & Canada)', a notification bell, a headset icon, and the user 'Admin' with a profile dropdown 'Fred'. The main content area is titled 'Deployment' and features a '+ ADD' button. Below the title, there are tabs for 'PROCESSES' and 'SERVERS'. A table lists deployment shards: 'shard00' and 'shard01'. 'shard00' contains three nodes: 'fredmac:57000' (Primary), 'fredmac:57001' (Secondary), and 'fredmac:57002' (Secondary). 'shard01' contains three nodes: 'fredmac:58000' (Primary with a 'view metrics' link), 'fredmac:58001' (Secondary), and 'fredmac:58002' (Secondary). A modal dialog is open in the center, asking 'Are you sure you want to remove test-cluster?'. The dialog contains a warning: '[COPY FOR REMOVING] If you choose to shutdown and unmanage then MMS will no longer be able to restart the cluster.' Below the warning are two radio button options: 'Only remove from MMS Automation' and 'Remove completely from MMS', with the second option selected. At the bottom of the dialog are 'CANCEL' and 'REMOVE FROM MMS' buttons.

10 Removing a cluster that's being backed up by MMS

The screenshot shows the MongoDB MMS console interface. At the top, the header displays 'MMS' and 'GROUP testPremium'. The main content area is titled 'Deployment' and includes a '+ ADD' button. Below the title, there are controls for 'PROCESSES', 'SERVERS', and a 'SHOW ALL PROCESSES' dropdown. A table lists deployment items, including 'shard00' and 'shard01', with columns for 'Name', 'last ping', 'Version', 'Members', and 'Options'. A modal dialog box is overlaid on the table, containing the following text:

You cannot remove test-cluster at this time.

The deployment item **test-cluster** is currently being backed up by MMS. If you would like to remove test-cluster you must first stop backup from the [backup tab](#).

OK

MMS GROUP testPremium

Deployment + ADD

PROCESSES SERVERS SHOW ALL PROCESSES

Name	Options
shard00	...
fredmac:57000	...
fredmac:57001	...
fredmac:57002	...
shard01	...
fredmac:58000 view metrics	...
fredmac:58001	...
fredmac:58002	...

Existing content

Connect to Your Deployment

To connect to this process via the mongo shell:

```
/var/lib/mongodb-mms-automation/mongodb-osx-x86_64-2.6.5/bin/mongo  
fredmac:27004
```

Please note that you must connect from a server which is able to reach **fredmac** on port **27004**. The path to the mongo shell (mongo) may be different if you connect from a different server.

Detailed information on connecting to your deployment is available [here](#).

CLOSE

MMS GROUP testPremium

Deployment

PROCESSES SERVERS

Name

shard00

- fredmac:57000
- fredmac:57001
- fredmac:57002

shard01

- fredmac:58000 [view metrics](#)
- fredmac:58001
- fredmac:58002

Existing content

Edit Host

Hostname and port **cannot** be changed.

Hostname: fredmac:27004

Alert Status Logs **Profiling**

Profiler data collection may slow your database, so use as appropriate.

Enabling the switch below does not turn on profiling at the database; rather it enables transmission of the profiling results to MMS. Profile data could include sensitive data from your database -- for example query expressions are part of the profile data so a query such as { username : 'joe' } might be present in the profile data. MMS information about your system is accessible only with your account's login but use of this feature should of course be consistent with your organization's security policies. MongoDB, Inc. support staff can see the profile data to aid customers with support and diagnostics.

Enabling profiling is done from the mongo shell with the setProfilingLevel command. That is, profiling is not turned on from MMS. The button below simply enables transmission to MMS of profile statistics.

See the MongoDB site for more information on the [Database Profiler](#).

OFF

MMS GROUP testPremium

Deployment

PROCESSES SERVERS

shard00

- fredmac:57000
- fredmac:57001
- fredmac:57002

shard01

- fredmac:58000 [view metrics](#)
- fredmac:58001
- fredmac:58002

Existing content

New Host

MMS will automatically discover connected hosts. If you have a sharded cluster, you can seed MMS with a single mongos. If you have a replica set, you can add any member.

Host Type Standalone

Internal Hostname hostname

Port port

Auth Mechanism Username/Password (MONGODB-CR/SCRAM-SHA-1)

DB Username optional

DB Password optional

My deployment supports SSL for MongoDB connections

CANCEL ADD

Deployment

+ ADD

UNPUBLISHED CHANGES

CHANGE	TYPE	NAME
MODIFIED	Cluster	test-cluster
SHUTDOWN	Replica Set	myReplset
REMOVED	Standalone	superStandalone

DISCARD CHANGES

REVIEW & DEPLOY

ALL PROCESSES

Name	last ping	Version	Members	Options
test-cluster		2.6.5	2 SHARDS 1 CONFIGS 1 MONGOS	...
shard01		2.6.5	2 mongods	...
fredmac:58000	25 secs ago ●	2.6.5		...
fredmac:58001	25 secs ago ●	2.6.5		...
shard02		2.6.5	2 mongods	...
fredmac:58000	----	2.6.5		...
fredmac:58001	----	2.6.5		...
myReplset		2.6.5	2 mongods	...
fredmac:58000	25 secs ago ●	2.6.5		...
fredmac:58001	25 secs ago ●	2.6.5		...
superStandalone - will be removed from MMS	25 secs ago ●	2.6.5		...

Deployment

+ ADD

DEPLOYING CHANGES

EDIT CONFIGURATION

In Progress...

PROCESSES

SERVERS

SHOW

ALL PROCESSES

Name	last ping	Version	Members	Options
test-cluster		2.6.5	2 SHARDS 1 CONFIGS 1 MONGOS	
shard01		2.6.5	2 mongods	
fredmac:58000	25 secs ago ●	2.6.5		
fredmac:58001	25 secs ago ●	2.6.5		
shard02		2.6.5	2 mongods	
fredmac:58000	----	2.6.5		
fredmac:58001	----	2.6.5		
myReplset		2.6.5	2 mongods	
fredmac:58000	25 secs ago ●	2.6.5		
fredmac:58001	25 secs ago ●	2.6.5		
superStandalone - removing from MMS				

16 Alternate "first run" experience, where we offer some tips on what has changed.

MMS GROUP testPremium

We've made some changes. [Here's some tips to get you started.](#)

Deployment + ADD

PROCESSES SERVERS SHOW ALL PROCESSES

Name	last ping	Version	Members	Options
shard00		2.6.5	3 mongods	...
P fredmac:57000	25 secs ago ●	2.6.5		...
S fredmac:57001	25 secs ago ●	2.6.5	—	...
S fredmac:57002	25 secs ago ●	2.6.5		...
shard01		2.6.5	3 mongods	...
P fredmac:58000	25 secs ago ●	2.6.5		...
S fredmac:58001	25 secs ago ●	2.6.5		...
S fredmac:58002	25 secs ago ●	2.6.5		...

Deployment

PROCESSES SERVERS SHOW ALL PROCESSES

Name	last ping	Version	Members
shard00		2.6.5	3 mongods
<ul style="list-style-type: none"> fredmac:57000 fredmac:57001 fredmac:57002 	<ul style="list-style-type: none"> 25 secs ago 25 secs ago 25 secs ago 	<ul style="list-style-type: none"> 2.6.5 2.6.5 2.6.5 	<ul style="list-style-type: none">
shard01		2.6.5	3 mongods
<ul style="list-style-type: none"> fredmac:58000 fredmac:58001 fredmac:58002 	<ul style="list-style-type: none"> 25 secs ago 25 secs ago 25 secs ago 	<ul style="list-style-type: none"> 2.6.5 2.6.5 2.6.5 	<ul style="list-style-type: none">

>>> go to 18

Add more existing MongoDB processes for monitoring or automation.

Ok.

+ ADD

- Create New Cluster
- Create New Replica Set
- Create New Standalone
- Import Existing for Automation
- Import Existing for Monitoring

>>> go to 19

MMS GROUP testPremium

Deployment + ADD

PROCESSES • ≡ SERVERS ≡ ≡ SHOW ALL PROCESSES

Name	last ping	Version	Members	Options
shard00		2.6.5		...
P fredmac:57000	25 secs ago ●	2.6.5		...
S fredmac:57001	25 secs ago ●	2.6.5		
S fredmac:57002	25 secs ago ●	2.6.5		
shard01		2.6.5	3 mongods	
P fredmac:58000	25 secs ago ●	2.6.5		
S fredmac:58001	25 secs ago ●	2.6.5		
S fredmac:58002	25 secs ago ●	2.6.5		...

View performance metrics and properties for your MongoDB processes from this menu.

Sounds good.

- Properties
- Performance Metrics
- Connect to this Instance
- Monitoring Settings
- Modify
- Remove
- Shutdown

Closes tooltip and side panel

MMS GROUP testPremium

Deployment + ADD

PROCESSES • ≡ SERVERS ≡ SHOW ALL PROCESSES

Name	last ping	Version	Members	Options
shard00		2.6.5	3 mongods	...
<ul style="list-style-type: none"> fredmac:57000 25 secs ago ● 2.6.5 ... fredmac:57001 25 secs ago ● 2.6.5 ... fredmac:57002 25 secs ago ● 2.6.5 ... 				
shard01		2.6.5	3 mongods	...
<ul style="list-style-type: none"> fredmac:58000 25 secs ago ● 2.6.5 ... fredmac:58001 25 secs ago ● 2.6.5 ... fredmac:58002 25 secs ago ● 2.6.5 ... 				

Click a row to view details for a process in your MongoDB deployment.

Ok, got it.

fredmac:58000

PROPERTIES

Name proton_1
Version 2.6.5
Auth Schema v 3
Port 58000
dbpath /data/proton_1

... view all MODIFY

PERFORMANCE METRICS [view all](#)

Opcounters

COMMAND QUERY UPDATE DELETE GETMORE INSERT

That's it, you should be good to go! View again Dismiss

Deployment

+ ADD

PROCESSES SERVERS SHOW ALL PROCESSES

Name	last ping	Version	Members	Options
shard00		2.6.5	3 mongods	...
P fredmac:57000	25 secs ago ●	2.6.5		...
S fredmac:57001	25 secs ago ●	2.6.5		...
S fredmac:57002	25 secs ago ●	2.6.5		...
shard01		2.6.5	3 mongods	...
P fredmac:58000	25 secs ago ●	2.6.5		...
S fredmac:58001	25 secs ago ●	2.6.5		...
S fredmac:58002	25 secs ago ●	2.6.5		...

See 22 for options

MMS GROUP testPremium

Eastern Time (US & Canada) Admin Fred

Deployment

+ ADD

PROCESSES SERVERS SHOW ALL SERVERS

Server	Process	Version	Status
proton-1 - M3 Medium - us-east-1d	Automation Agent	1.5.0.829	Running
	Monitoring Agent	2.9.0.164	Running
	Backup Agent	3.0.0.246	Running
	proton 27000	2.6.5	Stopped

Server	Process	Version	Status
proton-4 - M3 Medium - us-east-1a	Automation Agent	1.5.0.829	Running
	proton 27001	2.6.5	Stopped
	proton 27000	2.6.5	Stopped



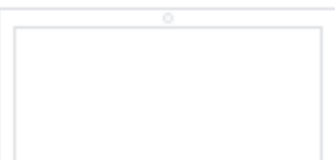
Drag Processes Between Servers

MMS GROUP testPremium

Deployment + ADD

PROCESSES SERVERS SHOW **CONTAINING MONGOD** TERMINATE ALL Search

Multi-select
Shows servers with only agents
Clear or select all options

Hardware Info	Processes
 <p>proton-1.mms-pr.540bce17e4b01fed36832073.mongodbns.com ● Running Provisioned On 09/07/14 - 03:32 DNS ec2-54-166-200-82.compute-1.amazonaws.com Instance ID i-5d991211 Provider AWS Instance Type M3 Medium Image ami-978d91fe Zone us-east-1d</p> <p>CONNECT TERMINATE</p>	<ul style="list-style-type: none"> Automation Agent 1.5.0.829 Backup Agent 3.0.0.246 Monitoring Agent 2.9.0.164 proton 2.6.5
 <p>proton-4.mms-pr.540bce17e4b01fed36832073.mongodbns.com ● Running Provisioned On 12/15/14 - 04:20 DNS ec2-54-166-200-82.compute-1.amazonaws.com Instance ID i-b87a6152 Provider AWS Instance Type M3 Medium Image ami-978d91fe Zone us-east-1a</p> <p>CONNECT TERMINATE</p>	<ul style="list-style-type: none"> Automation Agent 1.5.0.829 proton 2.6.5 proton
 <p>proton-3.mms-pr.540bce17e4b01fed36832073.mongodbns.com ▲ Unknown Provisioned On 12/08/14 - 03:32</p>	

