aidev mongoDB MONITORING PLUG-IN FOR ORACLE ENTERPRISE MANAGER

javascript jobs guide

July 2016

This document details how to create and run javascript jobs using the mongoDB monitoring plug-in for Oracle Enterprise Manager 12c. The process is identical for Oracle EM 13c.

Overview

The mongoDB monitoring plugin for Oracle Enterprise Manager brings the ability to create, schedule, run and reuse javascript jobs against mongoDB targets.

To use this functionality, the following is required:

- the mongoDB monitoring plugin for Oracle Enterprise Manager deployed to the OMS
- targets of type mongoDB database added into Oracle Enterprise Manager
- a local installation of the mongoDB client on the EM agent machine
- for SSL enabled databases, local PEM and CA files on the agent machine as per http://docs.mongodb.org/manual/tutorial/configure-ssl.

Please refer to the target addition guide for more information on the above.

Compatibility

Oracle Enterprise Manager 12c R4 and above

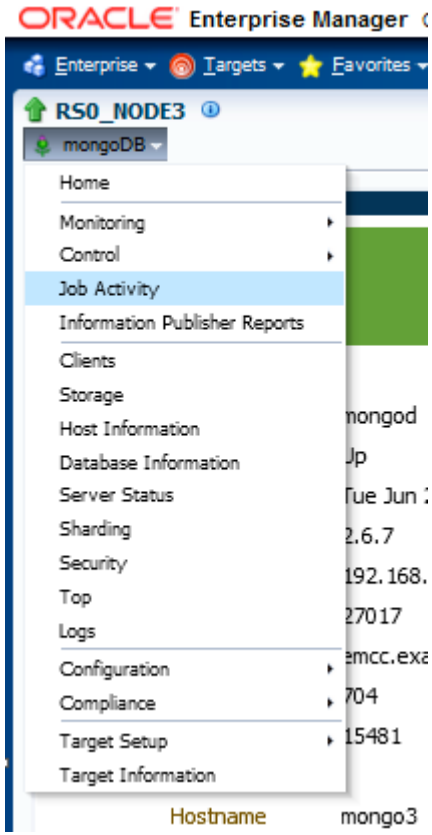
mongoDB version 2.6.5 and above

An EM 12.1.0.4.0 or higher agent installed and corresponding host target visible within EM.

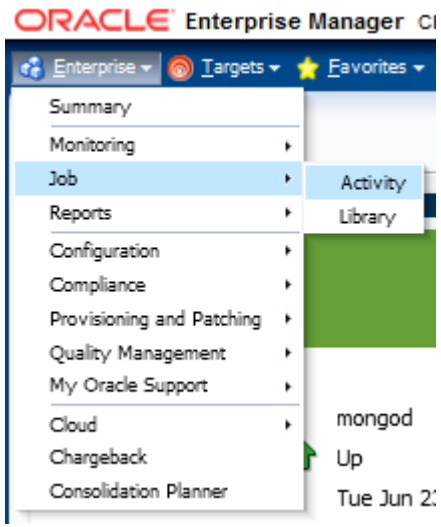
The agent side host should be an EM supported Linux 32 or 64 bit platform.

Job creation process

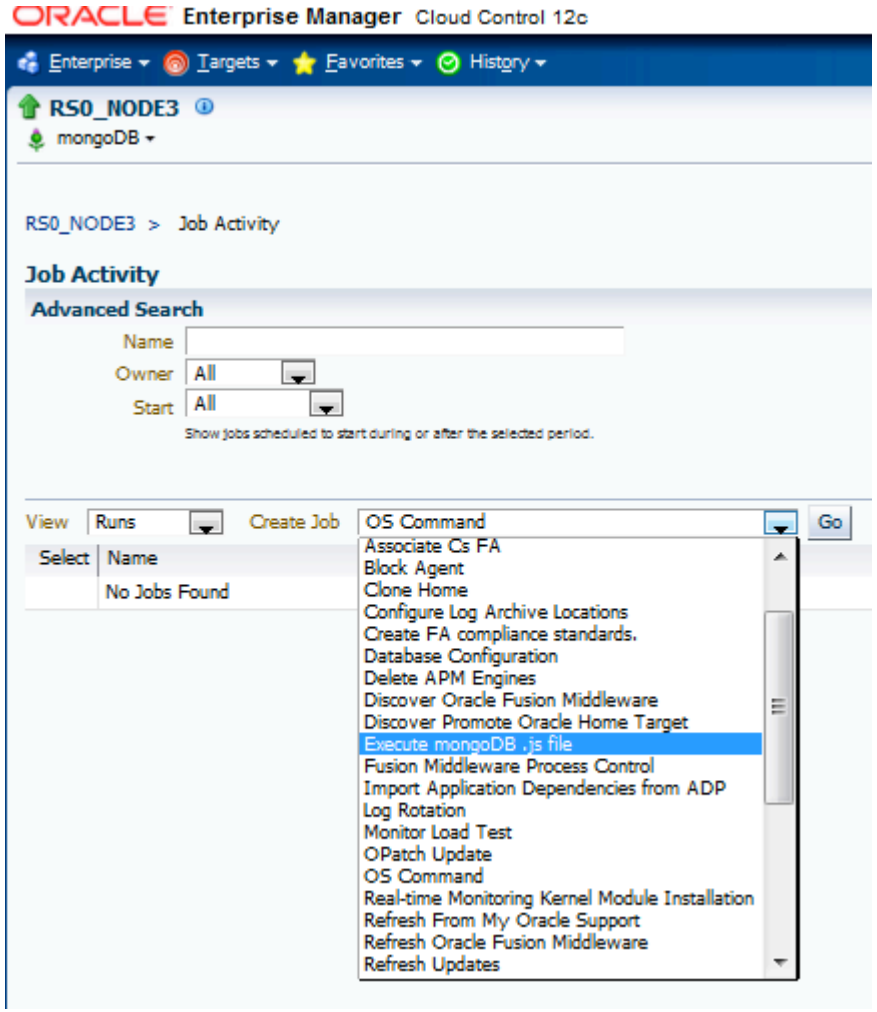
From the mongoDB target homepage, select the Job Activity link:



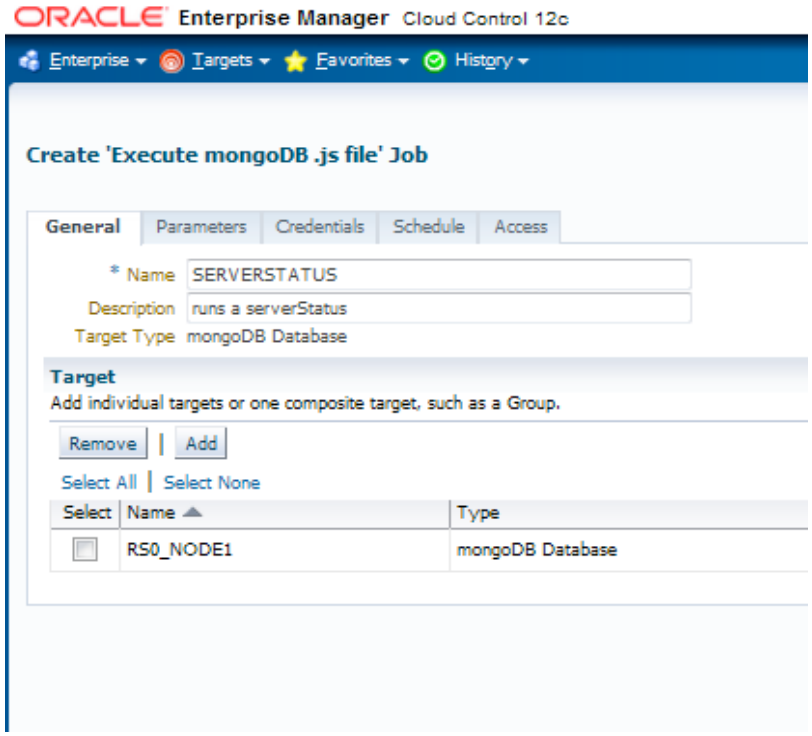
Alternatively, from the main Enterprise dropdown, choose Job->Activity



Select Execute mongoDB .js file from the dropdown for Create Job, click Go



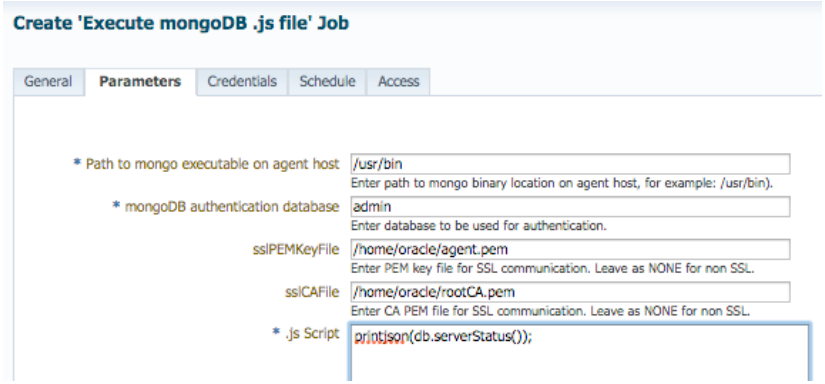
enter the following:
Name: job name
Description: enter a description for the job
Click the Add button and select the target(s) to run the job against
Click the Parameters tab



Enter the following:

- Path to mongo executable on agent host, for example **/usr/bin**
- mongoDB authentication database, this defaults to **admin**
- sslPEM KeyFile location (for SSL enabled databases)
- sslCAFile location (for SSL enabled databases)
- .js script contents

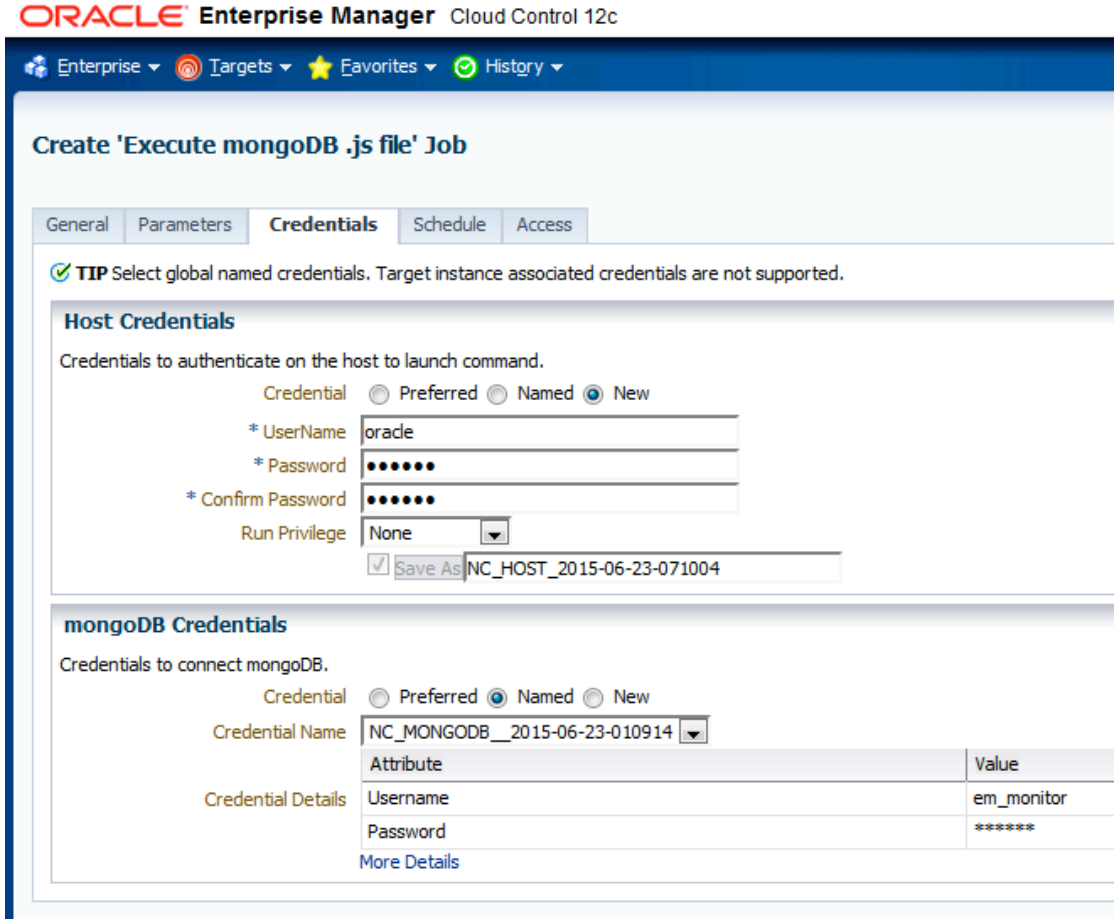
SSL example:



Click the Credentials tab

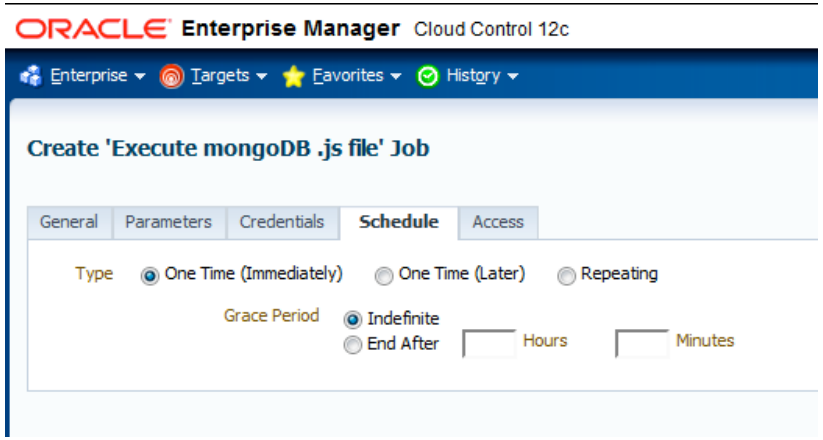
Enter credentials for the agent host and mongoDB targets. Preferred credentials, existing named credentials or new credentials can be used.

Click the Schedule tab

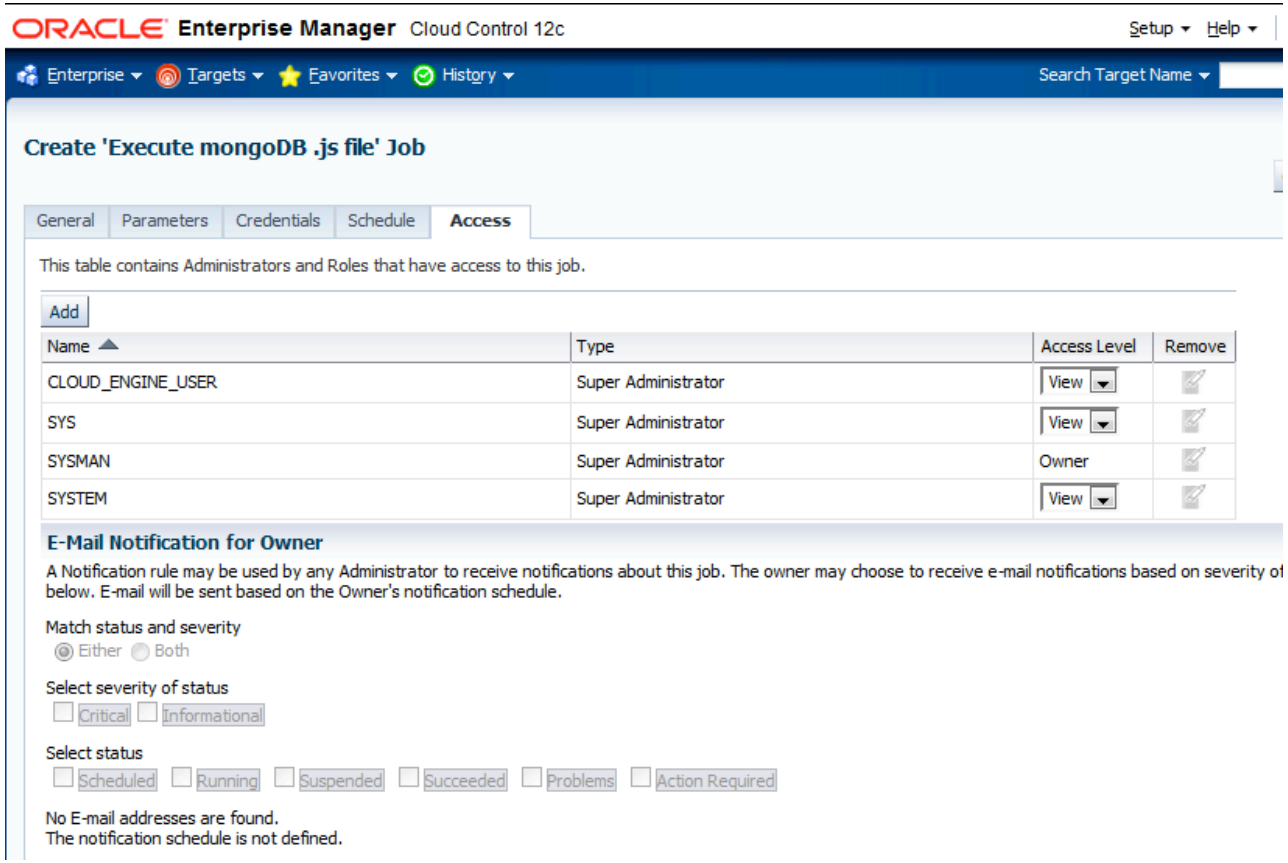


Enter a schedule or execute the job immediately

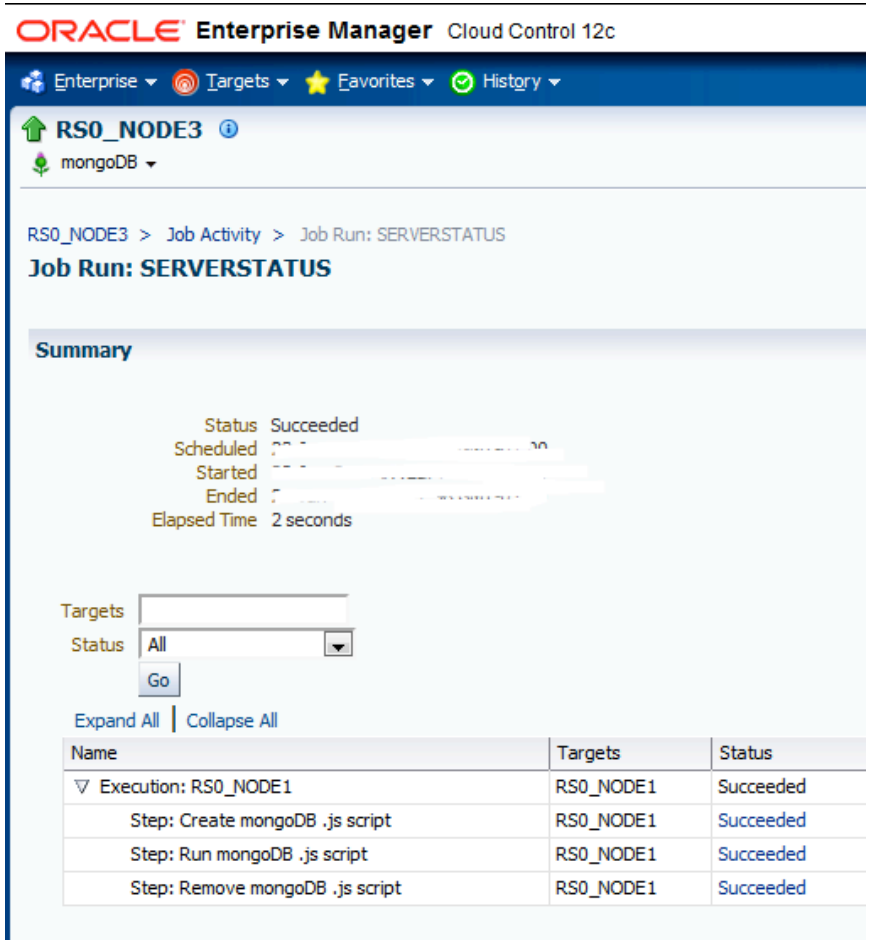
Click the Access tab



Use or amend access to the job then click Submit or Save to Library



After running, the job Summary will be displayed:



And the output of each step can be viewed:

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