




PATCH Shinken (Installation)

Le module event-manager-writer est un module de la fonctionnalité [bac à événements](#) qui permet l'écriture des événements en base de donnée .

 Pour que la fonctionnalité bac à événement fonctionne il faut absolument que ce module soit activé.

  Il ne peut y avoir qu'un `event-manager-writer` par base Mongo. Donc par exemple avec 2 broker sur la même machine soit vous n'activez le module que sur un broker soit vous configurez le module pour écrire dans une autre base.

```
#####
# event manager
#####
# Daemons that can load this module:
# - broker (to save events information into a mongodb database)
# This module compute and save event for event manager
#####

define module {

    # #
    # Module identity #

    # --- Module name [ Must be unique ] [ MANDATORY ] ---
    module_name event-manager-writer

    # --- Module type [ Do not edit ] [ MANDATORY ] ---
    module_type event_container

    # #
    # Database connection #
    # #

    # ===== MongoDB parameters =====
    # --- MongoDB uri definition . You can find the mongodb uri syntax at ---
    # --- https://docs.mongodb.com/manual/reference/connection-string/ ---
    # >>> Default : mongodb://localhost/?w=1&fsync=false ---
    # uri mongodb://localhost/?w=1&fsync=false

    # --- Which database contains events data ---
    # >>> Default : shinken ---
    # database event_container

    # --- SSH tunnel activation to securize your mongodb connection ---
    # --- That will allow all mongodb to be encrypted & authenticated with SSH ---
    # --- Enable : 1 ( enable ssh tunnel ) ---
    # >>> Disable : 0 ( disable ssh tunnel ) ( Default ) ---
    # use_ssh_tunnel 0

    # --- If the SSH connection goes wrong, then retry use_ssh_retry_failure time before_shinken_inactive ---
    # >>> Enable : 1 ( with ssh tunnel ) ( Default ) ---
    # --- Disable : 0 ( direct connection ) ---
    # use_ssh_retry_failure 1

    # --- SSH user to connect to the mongodb server. ---
    # >>> Default : shinken ---
    # ssh_user shinken

    # --- SSH keyfile to connect to the mongodb server. ---
    # >>> Default : ~shinken/.ssh/id_rsa ---

    # --- SSH Timeout used to test if the SSH tunnel is viable or not, in seconds. ---
    # >>> Default : 10 ( seconds ) ---
    # ssh_tunnel_timeout 10

    # ===== AutoReconnect Management =====
    # --- When MongoDB require you to reconnect ( For example, It can occur when a new PRIMARY is elected ---
    # --- in a MongoDB cluster ), it will raised the MongoDB AutoReconnect exception. ---
    # --- ---
    # --- How many try to reconnect before module go in error ---
    # >>> Default : 4 ( try ) ---
    # auto_reconnect_max_try 4
}
```

```

# --- Time between each try ---
# >>> Default : 3 ( seconds ) ---
# auto_reconnect_sleep_between_try          3

# --- NOTE: Change these values only if you have a MongoDB cluster and you change the ---
# --- heartbeatTimeoutSecs of your MongoDB replica set ---
# --- The value of auto_reconnect_max_try * auto_reconnect_sleep_between_try must be higher than ---
# --- heartbeatTimeoutSecs in the rs.conf(); of your MongoDB replica set. ---

# #
# Workers in the broker #
# --- This module will use workers in the broker, each worker will manage a shard of all hosts/checks. ---
# --- This parameter is used by the broker to set the number of workers. ---
# --- Each worker will use one CPU, which will balance the metrology processing load among CPUs. ---
# >>> Default : 1 ( worker ) ---
# broker_module_nb_workers          1

# #
# Module options #
# --- Number of day the events are keep in database ---
# >>> Default : 30 ( days ) ---
# day_keep_data          30

# #
# INTERNAL options #
# --- INTERNAL : DO NOT EDIT FOLLOWING PARAMETER WITHOUT YOUR DEDICATED SUPPORT ---
# --- time of inactivation of the broker before considering that shinken is inactive (in sec) ---
# time_before_shinken_inactive          30
}

```