

Broker - \$KEY\$ - Module Visualisation UI - Service Weather - Running Well

Explication

Le module broker-module-livedata permet d'envoyer des requêtes API afin de recevoir des informations sur un hôte, un cluster, un check attaché à un hôte ou un check attaché à un cluster. Il est possible de modifier certains paramètres dans la configuration.

Configuration

Voici le fichier CFG de configuration présent dans : `/etc/shinken/modules/broker-module-livedata.cfg`

```
#####
# broker module livedata
#####
# Daemons that can load this module:
# - broker
# This module is an api getting information from the broker
#####

define module {

    ##### Module identity #####
    # Module name. Must be unique
    module_name          broker-module-livedata

    # Module type (to load module code). Do not edit.
    module_type          broker_module_livedata

    ##### Listening address #####
    # host: IP address to listen to.
    # note: 0.0.0.0 = all interfaces.
    host                  0.0.0.0
    # port to listen
    port                  8000

    # HTTPs part, enable if you want to set the visualisation interface listen in HTTPs mode
    # disabled by default. Set your own certificates. Set your own token, it is usefull to get access to the
    API
    use_ssl               0
    ssl_cert              /etc/shinken/certs/server.cert
    ssl_key               /etc/shinken/certs/server.key
    token                 ak5zv6t5s25r6g4

    ##### Security #####
    # auth_secret: secret key used to crypt cookie.
    # note: must be the same as the configuration UI
    auth_secret          THIS SHOULD BE CHANGED BEFORE PRODUCTION
}

```

Fonctionnement

L'accès à cette API est restreinte aux détenteurs d'un token généré dans la configuration (modifiable par l'utilisateur) du module. Le fonctionnement de l'api est tel que :

URL/V1/cluster/UUID?token=TOKEN

- Retourne
 - cluster_uuid : *text*
 - cluster_name : *text*
 - cluster_display_name : *text*
 - status : *text*
 - OK
 - WARNING
 - CRITICAL
 - UNKNOWN
 - MISSING-DATA

- SHINKEN-INACTIVE
 - status_since : *epoch (en secondes)*
 - context : *text*
 - NOTHING
 - ACKNOWLEDGED
 - PARTIAL-ACKNOWLEDGED
 - INHERITED-ACKNOWLEDGED
 - DOWNTIME
 - PARTIAL-DOWNTIME
 - INHERITED-DOWNTIME
 - FLAPPING
 - PARTIAL-FLAPPING
 - DISABLED
 - business_impact : 0, 1, 2, 3, 4, 5
 - output : *text*
 - long_output : *text*

- URL/V1/check-on-cluster/UUID?token=TOKEN
 - Retourne
 - check_uuid : *text*
 - check_name : *text*
 - check_display_name : *text*
 - status : *text*
 - OK
 - WARNING
 - CRITICAL
 - UNKNOWN
 - MISSING-DATA
 - SHINKEN-INACTIVE
 - status_since : *epoch (en secondes)*
 - context : *text*
 - NOTHING
 - ACKNOWLEDGED
 - PARTIAL-ACKNOWLEDGED
 - INHERITED-ACKNOWLEDGED
 - DOWNTIME
 - PARTIAL-DOWNTIME
 - INHERITED-DOWNTIME
 - FLAPPING
 - PARTIAL-FLAPPING
 - DISABLED
 - output : *text*
 - business_impact : 0, 1, 2, 3, 4, 5
 - long_output : *text*
 - host_uuid : *text*
 - host_name : *text*
 - host_display_name : *text*
 - business_impact : 0, 1, 2, 3, 4, 5
 - status_since : *epoch (en secondes)*

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URL étant l'adresse shinken sur le port 8000 par défaut (modifiable).