### sentry-logger-create

Creates a logger on a sentry.

#### Syntax

sentry-logger-create [timeout=INT]

Parameter

**timeout=INT**

RPC timeout in seconds (default: 30 seconds)

#### Description

This query command sends asynchronous RPC request messages to 100 sentries at the same time and waits for responses.The RPC request message queue operates on a first-in, first-out (FIFO) basis. For example, if the Logpresso server needs to send RPC messages to 150 sentries, the server sends an RPC message to 100 sentries first and waits until RPC responses. If the waiting time exceeds the time specified in the timeout (default: 30 seconds), it is considered that an error has occurred on the sentry side. If 32 out of 100 sentries respond or timeout is exceeded, the Logpresso server sends an RPC message to the additional 32 sentries.

The query command outputs the results of RPC response messages in the order they are received. Depending on the load or network conditions of the host where Sentry is installed, the order of the responses may vary with each execution. Use the output data but do not rely on the order of the records.

Logpresso environment variable `logpresso.core.sentry\_rpc\_parallel` determines the length of the asynchronous RPC request message queue. The default value is `100` and you can adjust the length by modifying the value of this environment variable.

Input Field

This command requires that the input record contains guid, name, factory\_name and configs field values.

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Type | Required | Description |
| guid | String | O | Unique sentry identifier (Not relevant to GUID in JAVA) |
| name | String | O | Unique logger identifier in the sentry namespace |
| description | String | X | Logger description |
| factory\_name | String | O | Logger factory identifier |
| configs | Map | O | Logger configuration |
| table\_name | String | X | Name of table to which to store the logged data |
| host\_tag | String | X | Host tag (\_host field tag value) |

1. factory\_name: Using the logapi.loggerFactories command on the Logpresso shell loads the logger factory list. Logger factories available may vary depending on the operating system or the installed app.
2. configs: Use the [sentry-logger-configs](https://docs.logpresso.com/en/query/sentry-logger-configs-command) query command to check the existing logger configuration before creating a new logger.

Output Fields

If any error occurs, this query command returns an \_error field in addition to the fields from input record. Possible errors are as follows:llows:

|  |  |
| --- | --- |
| Error Message | Description |
| guid is null | guid field value from input record is null. |
| guid should be string | guid field value from input record is not a string. |
| guid should be non empty string | guid field value from input record is empty. |
| name should be not null | name field value from input record is null. |
| name should be string | name field value from input record is not a string. |
| name should be non empty string | name field value from input record is empty. |
| factory\_name should be not null | factory\_name field value from input record is null. |
| factory\_name should be string | factory\_name field value from input record is not a string. |
| factory\_name should be non empty string | factory\_name field value from input record is empty. |
| unsupported factoryname: factory\_name | factory\_name logger factory is not supported. |
| configs should be not null | configs field value from input record is null. |
| configs should be dict type | configs field value from input record is not a map type. |
| all values of configs should be string type | Key-value pair of the configs map is not a string. |
| missing config key: name | Required configuration key (name) is missnig. |
| table\_name should be non empty string | table\_name field value from input record is empty. |
| host\_tag should be non empty string | host\_tag field value from input record is empty. |
| timeout | RPC request timeout exceeded |
| disconnected | Disconnected while processing RPC request |
| not connected | Sentry is not connected. |

Depending on the system where the sentry is installed, an RPC exception message other than the above can be issued.

#### Usage

Creates wtmp loggers on all connected linux sentries.

sentry | search os == "Linux" and is\_connected | eval name = "wtmp\_linux" | eval factory\_name = "wtmp" | eval configs = dict("path", "/var/log/wtmp", "server", "linux", "dst\_ip", remote\_ip) | fields guid, name, factory\_name, configs | sentry-logger-create