

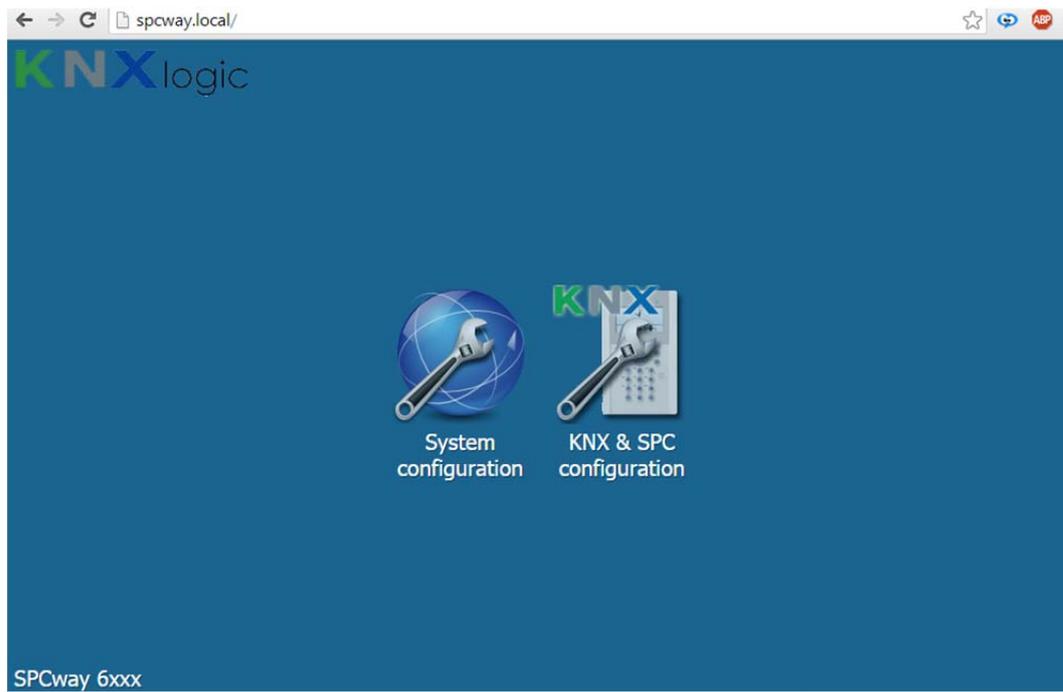
SPCway screenshots

Version: V0.9

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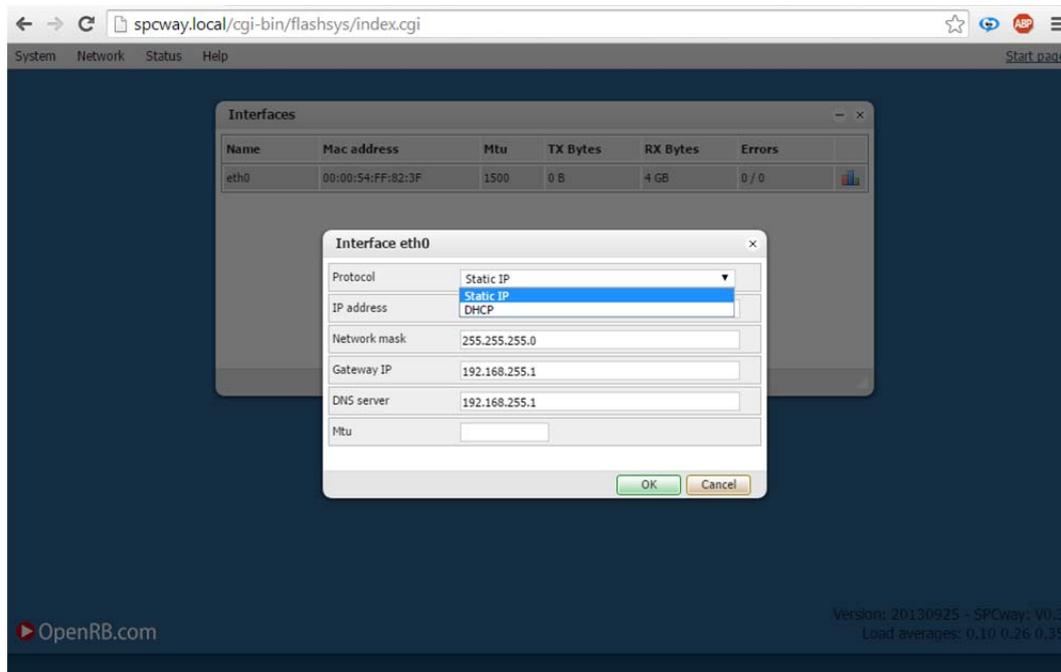
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1 Welcome screen

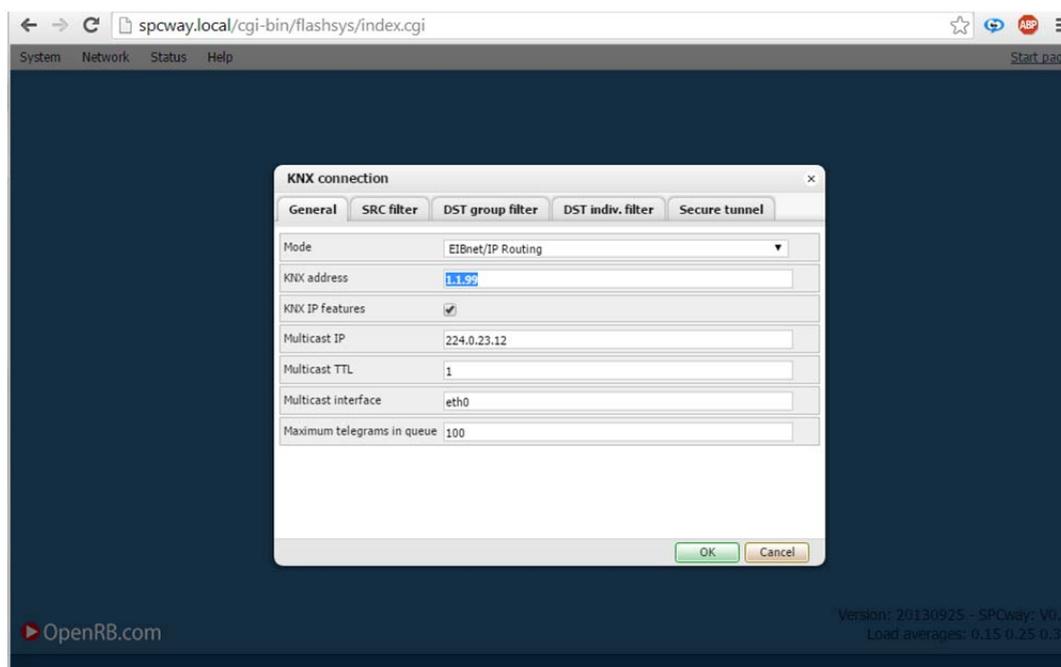


2 System Configuration

2.1 IP network interface configuration



2.2 KNX address & KNX-IP

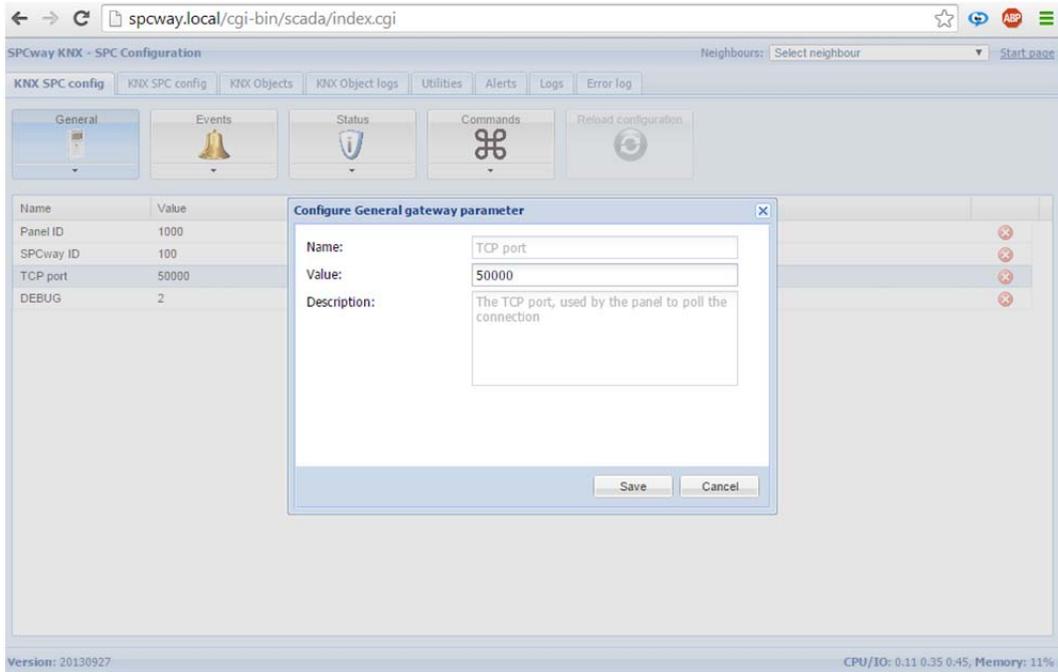


3 KNX & SPC configuration

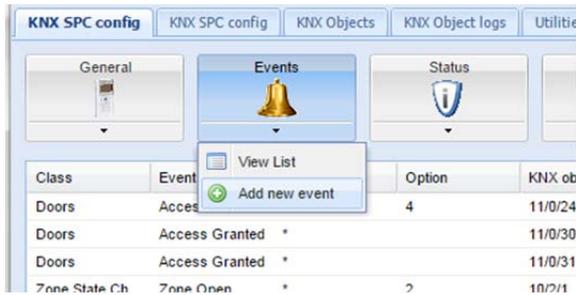
3.1 Gateway parameters / configuration

3.1.1 General panel and gateway settings

While editing a setting (upon clicking the parameter in the grid)

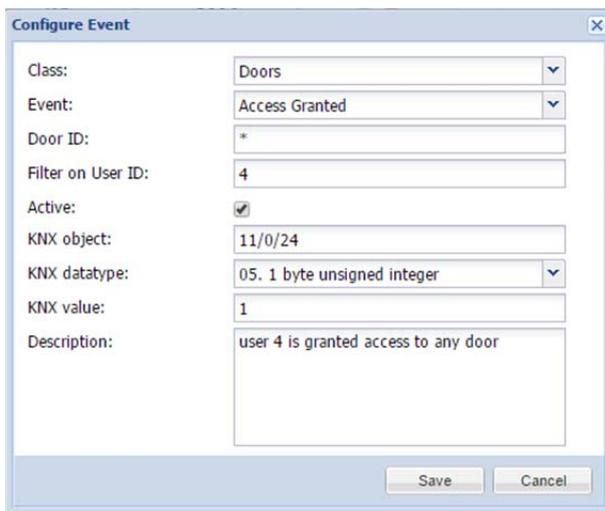


3.1.2 Editing/adding an Event communication object



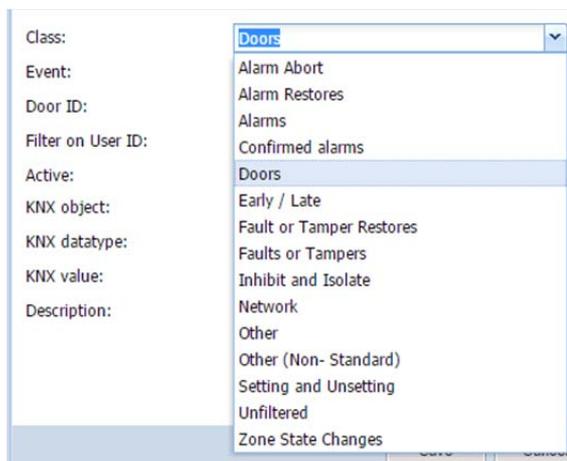
Alternatively: click on a communication object in the grid to start editing.

Resulting edit/add window:



Multiple elements to assist the user to configure:

- Comboxes to help find the needed SIA event:
for event Class:



and Event (listing the possible events in the selected event Class):

Class:

Event:

Door ID:

Filter on User ID:

Active:

KNX object:

KNX datatype:

KNX value:

Description:

- Tip texts for the other info, depending on info retrieved from the panel:

- o Element ID: (type of element depends on event)

Door ID:

Filter on User ID:

Active:

KNX object:

* : All
n, m, ... : multiple IDs
1 : Voordeur
2 : Garagepoort
3 : Schuifdeur priv
4 : Keukendeur passe

- o Filter element ID: (type of element depends on event)

Filter on User ID:

Active:

KNX object:

KNX datatype:

KNX value:

* : All
1 : Christof
2 : Sarah
3 : Louis
4 : Amaryllis
5 : Parrain
6 : Famous
7 : Kuisman

- o KNX value: explaining the possible options

KNX value:

Description:

The value to be written in the telegram
Allowed values:
- a numeric value (in line with data type)
- a string (dt string required)
- **IV**: ID Value = textual description of ID (dt string required)
- **FV**: Filter Value = textual description of the Filter (dt string required) if present
- **SV**: SIA 2 letter code, followed by the ID Value (dt string required)
- **SI**: SIA 2 letter code, followed by the ID number (dt string required)
- **TS**: the TimeStamp of the event in time of the SPC panel (dt time required)

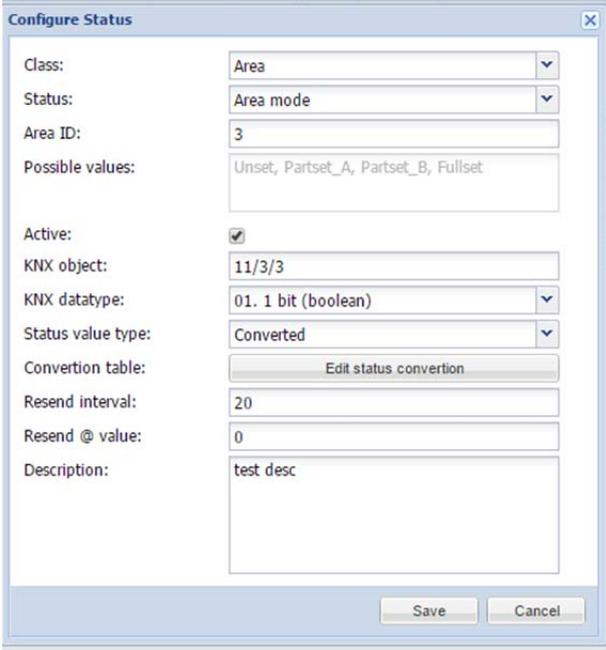
- KNX Datatype from a combobox:

KNX datatype:

KNX value:

Description:

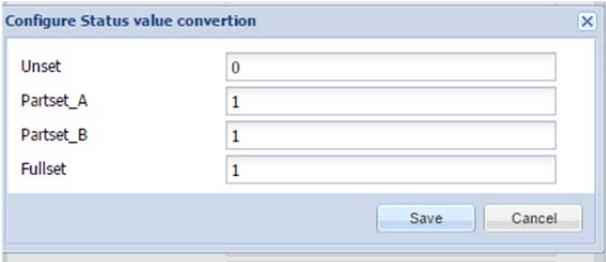
3.1.3 Editing/adding a Status communication object



Similar elements to assist the user to configure as for the Event:

- Comboboxes for status Class, Status & datatype
- Tiptexts for Element ID (Area ID in case of example above)

Either the raw status can be sent (text or values, depending on status, and as shown in the 'Possible values' field), or the raw status can be converted into personalised status values. If 'Status value type' is 'Converted' then the conversion button is enabled, popping up the conversion configuration window:



Unset	0
Partset_A	1
Partset_B	1
Fullset	1

3.1.4 Editing/adding a Command communication object

Similar elements to assist the user to configure as for the Event:

- Comboboxes for command Class, Command & datatype
- Tiptexts for
 - o Element ID (Area ID in case of example above)

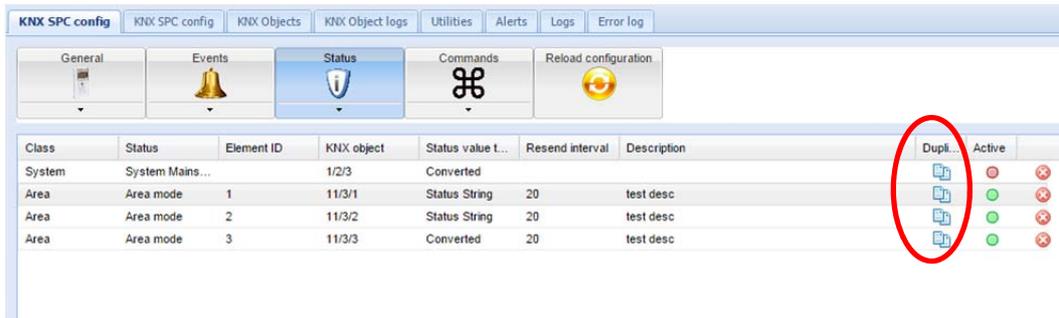
- o Option: only needed for certain commands like audio verification -> message nr

- o KNX value filter

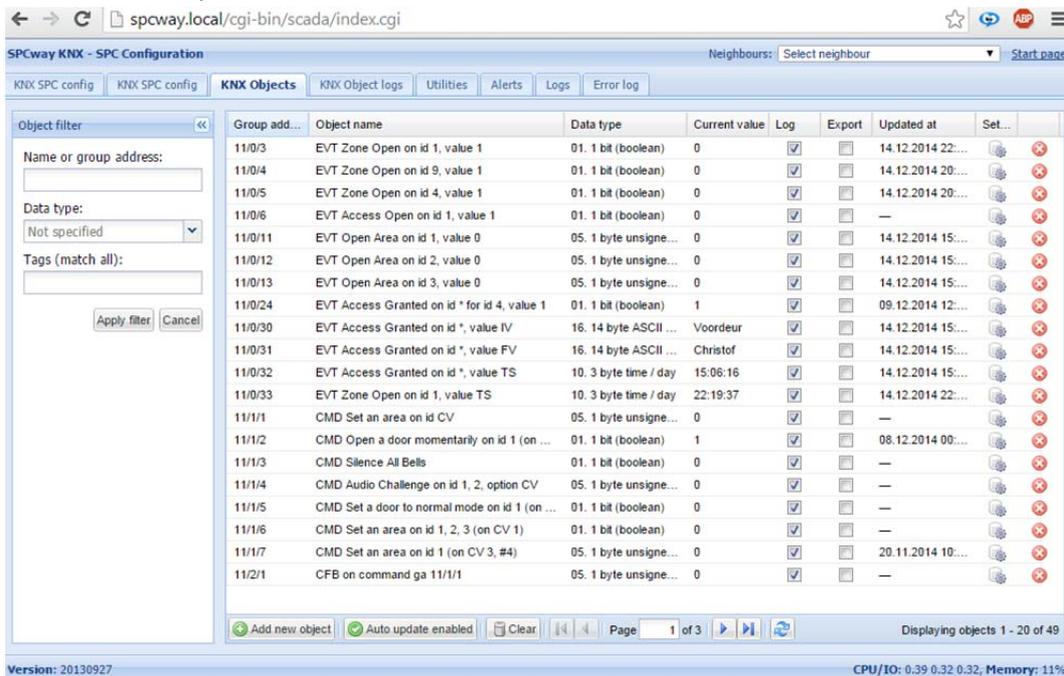
- o KNX feedback object : possible feedback values

3.1.5 Duplication

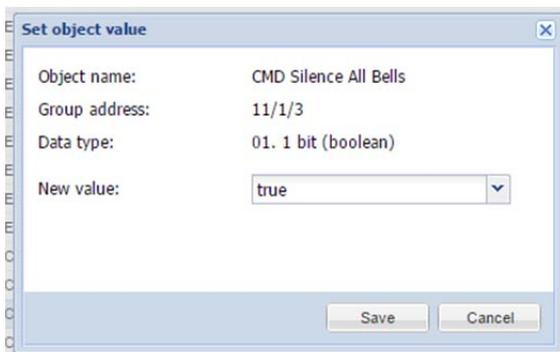
Existing settings can be duplicated to speed up configuration:



3.2 KNX objects



One can send a KNX telegram (eg a command) directly from the interface:



3.3 KNX object logging

Log time	Object addr...	Object name	Type	Source addr...	Decoded v...	Data type	Object data (number)
14.12.2014 22:...	11/0/3	EVT Zone Open on id 1, value 1	write	1.1.99	0	01. 1 bit (bo...	00
14.12.2014 22:...	11/0/33	EVT Zone Open on id 1, value TS	write	1.1.99	22:19:37	10. 3 byte ti...	161325
14.12.2014 22:...	11/0/3	EVT Zone Open on id 1, value 1	write	1.1.99	1	01. 1 bit (bo...	01
14.12.2014 22:...	11/0/3	EVT Zone Open on id 1, value 1	write	1.1.99	0	01. 1 bit (bo...	00
14.12.2014 22:...	11/0/33	EVT Zone Open on id 1, value TS	write	1.1.99	22:19:14	10. 3 byte ti...	16130E
14.12.2014 22:...	11/0/3	EVT Zone Open on id 1, value 1	write	1.1.99	1	01. 1 bit (bo...	01
14.12.2014 22:...	11/0/3	EVT Zone Open on id 1, value 1	write	1.1.99	0	01. 1 bit (bo...	00
14.12.2014 22:...	11/0/33	EVT Zone Open on id 1, value TS	write	1.1.99	22:18:55	10. 3 byte ti...	161237
14.12.2014 22:...	11/0/3	EVT Zone Open on id 1, value 1	write	1.1.99	1	01. 1 bit (bo...	01
14.12.2014 21:...	11/0/3	EVT Zone Open on id 1, value 1	write	1.1.99	0	01. 1 bit (bo...	00
14.12.2014 21:...	11/0/33	EVT Zone Open on id 1, value TS	write	1.1.99	21:39:26	10. 3 byte ti...	15271A
14.12.2014 21:...	11/0/3	EVT Zone Open on id 1, value 1	write	1.1.99	1	01. 1 bit (bo...	01
14.12.2014 21:...	11/0/3	EVT Zone Open on id 1, value 1	write	1.1.99	0	01. 1 bit (bo...	00
14.12.2014 21:...	11/0/33	EVT Zone Open on id 1, value TS	write	1.1.99	21:39:20	10. 3 byte ti...	152714
14.12.2014 21:...	11/0/3	EVT Zone Open on id 1, value 1	write	1.1.99	1	01. 1 bit (bo...	01
14.12.2014 21:...	11/0/3	EVT Zone Open on id 1, value 1	write	1.1.99	0	01. 1 bit (bo...	00
14.12.2014 21:...	11/0/33	EVT Zone Open on id 1, value TS	write	1.1.99	21:19:17	10. 3 byte ti...	151311
14.12.2014 21:...	11/0/3	EVT Zone Open on id 1, value 1	write	1.1.99	1	01. 1 bit (bo...	01
14.12.2014 21:...	11/0/3	EVT Zone Open on id 1, value 1	write	1.1.99	0	01. 1 bit (bo...	00
14.12.2014 21:...	11/0/33	EVT Zone Open on id 1, value TS	write	1.1.99	21:19:06	10. 3 byte ti...	151306

3.4 Utilities

3.5 Alerts - Logs - Error Logs

Message logging of alerts, data and errors.

This provides useful information when diagnosing gateways problems (eg version incompatibility, ...)

Alert time	Script name	Message
15.12.2014 10:37:27	SPC EDP TCP daemon	EDP SIA event: writing 0 to '11/0/3'
15.12.2014 10:37:27	SPC EDP TCP daemon	EDP SIA event: writing 0 to '11/0/3'
15.12.2014 10:37:27	SPC EDP TCP daemon	EDP SIA event: writing 0 to '11/0/3'
15.12.2014 10:37:27	SPC EDP TCP daemon	EDP SIA event: writing 0 to '11/0/3'
15.12.2014 10:37:27	SPC EDP TCP daemon	EDP SIA event: writing 0 to '11/0/3'

Log time	Script name	Message
15.12.2014 10:36:57	SPC EDP TCP daemon	* arg: 1 * string: SIA event table * arg: 2 * table: [1] * string: 1000 [2] * string: 103
15.12.2014 10:36:55	SPC EDP TCP daemon	* arg: 1 * string: SIA event table * arg: 2 * table: [1] * string: 1000 [2] * string: 103
15.12.2014 10:31:57	SPC EDP TCP daemon	* arg: 1 * string: SIA event table * arg: 2 * table: [1] * string: 1000 [2] * string: 103
15.12.2014 10:31:54	SPC EDP TCP daemon	* arg: 1 * string: SIA event table * arg: 2 * table: [1] * string: 1000 [2] * string: 103
15.12.2014 10:22:21	SPC EDP TCP daemon	* arg: 1 * string: SIA event table * arg: 2 * table: [1] * string: 1000 [2] * string: 103

Error time	Script name	Error description
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