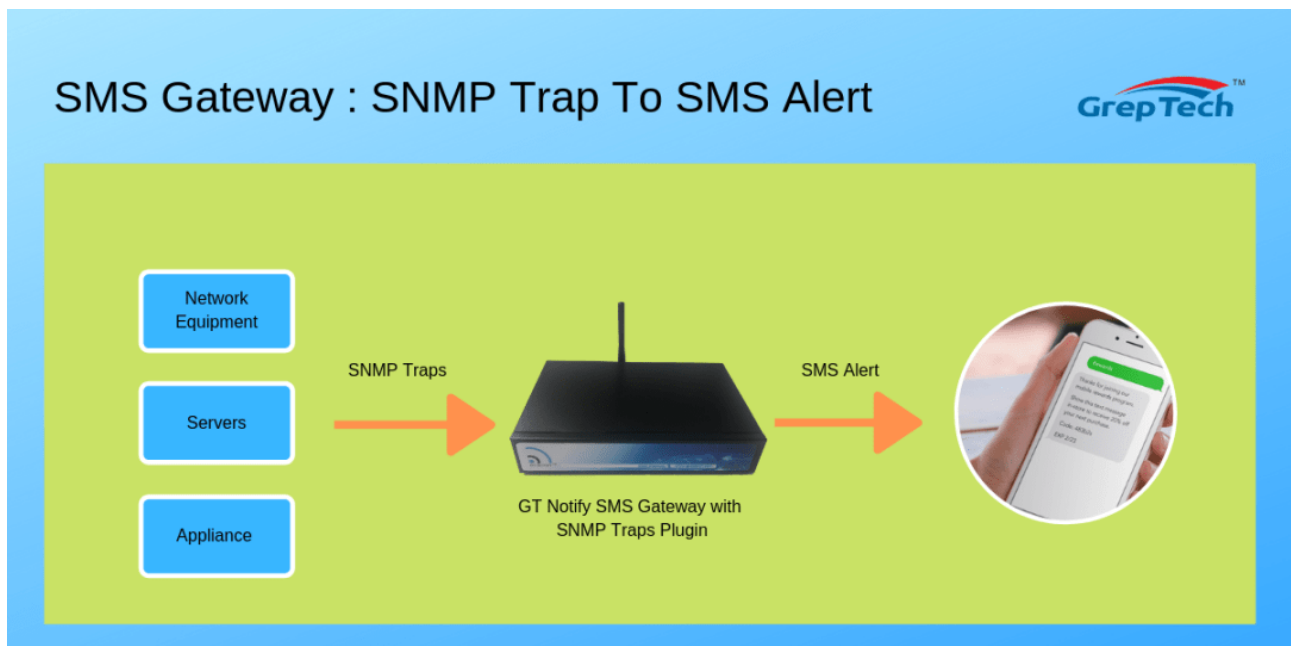


GT Notify SNMP TRAP2SMS Plugin user guide

Introduction

GT NOTIFY SMS gateway is a SMS appliance can be used for many application integrations.

The trap2sms plugin is using SNMPTT (SNMP Trap translator) to translate the received trap and filter and convert the information to SMS message.



The trap2sms plugin is not a standard sms gateway functions and need to order as a plugin.

GT NOTIFY™
Status ▾ SMS Gateway ▾ System ▾ 2020-07-29 12:32:57
DEMO

Dashboard

2020-07-23

2020-07-29

- Quick SMS
- Webhook Settings
- SMS to Email Settings
- Email to SMS Settings
- SMS OTP Setting
- SMS OTP Transaction
- SMS API Setting
- SMS API Transaction
- Black List
- SMS Templates
- Plugin

SMS
Outgoing SMS
Failed SMS

Date	Outgoing SMS	Failed SMS
Jul-23	1	0
Jul-24	1	0
Jul-25	1	0
Jul-26	1	0
Jul-27	1	0
Jul-28	16	0
Jul-29	1	0

Statistics

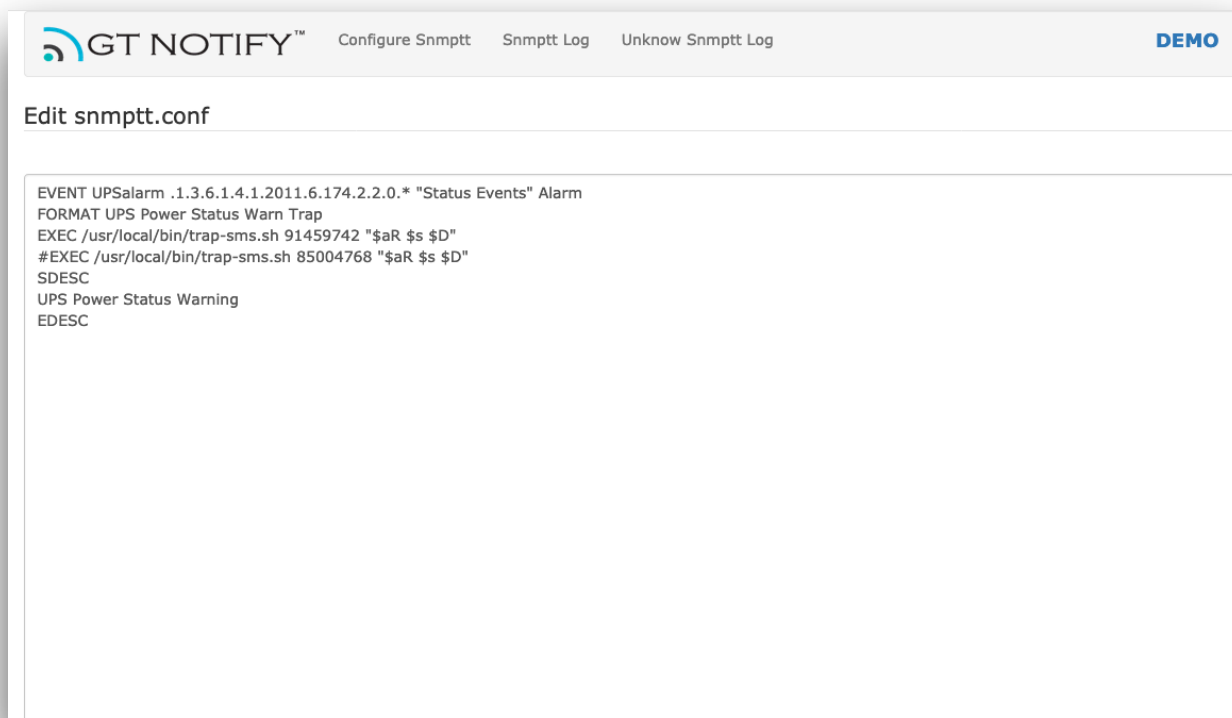
Category	Count
Groups:	7
Subscribers:	71
SMS Broadcast:	95
SMS Templates:	5
Auto Responder:	3
Auto Follow-Up:	1
SMS Instant Win:	0

Status

Parameter	Value
Total Storage: (MB)	14732
Storage Usage:	8%
CPU Load:	0.06 0.09 0.06
Signal Level:	33
Up Time:	24 days,
MAC:	A0:F6:FD:64:CA:BF
IMEI:	863789022731156

Configure SNMPTT.CONF

The key part of the trap2sms plugin configuration is to configure the SNMPTT.CONF



The screenshot shows the GT NOTIFY web interface. At the top, there is a navigation bar with the GT NOTIFY logo, links for 'Configure Snmptt', 'Snmptt Log', and 'Unknow Snmptt Log', and a 'DEMO' button. Below the navigation bar, the page title is 'Edit snmptt.conf'. The main content area displays the following configuration text:

```
EVENT UPSAlarm .1.3.6.1.4.1.2011.6.174.2.2.0.* "Status Events" Alarm
FORMAT UPS Power Status Warn Trap
EXEC /usr/local/bin/trap-sms.sh 91459742 "$aR $s $D"
#EXEC /usr/local/bin/trap-sms.sh 85004768 "$aR $s $D"
SDESC
UPS Power Status Warning
EDESC
```

Following is an example, you can have many similar sections for the traps interested to convert to SMS.

```
EVENT UPSAlarm .1.3.6.1.4.1.2011.6.174.2.2.0.* "Status Events" Alarm
FORMAT UPS Power Status Warn Trap
EXEC /usr/local/bin/trap-sms.sh 91459742 "$aR $s $D"
SDESC
UPS Power Status Warning
EDESC
```

more detail of the syntax can be found here:

<http://snmptt.sourceforge.net/docs/snmptt.shtml>

All the incoming trap, known or unknown will be logged and can view from the interface.

Following instruction can be used for testing of sending SNMP trap to GT Notify SMS Gateway to test the trap2sms functions.

How to send a test snmp trap:

The command below takes the form of:

```
snmptrap -v <snmp_version> -c <community> <destination_host>  
<uptime> <OID_or_MIB> <object> <value_type> <value>
```

Using a MIB:

```
snmptrap -v 2c -c public localhost ' ' NET-SNMP-EXAMPLES-  
MIB::netSmpExampleHeartbeatNotification  
netSmpExampleHeartbeatRate i 123456
```

Shortening the MIB:

```
snmptrap -v 2c -c public localhost ' '  
netSmpExampleHeartbeatNotification  
netSmpExampleHeartbeatRate i 123456
```

Using OID's instead of MIB:

```
snmptrap -v 2c -c public localhost ' '  
1.3.6.1.4.1.8072.2.3.0.1 1.3.6.1.4.1.8072.2.3.2.1 i 123456
```