SMPP Protocol

Technical documentation

I - Supported SMPP version

iSendPro implements SMPP 3.4 except the following commands :

- "cancel_sm"
- "replace_sm"
- "outbind"

Sending long MT using «submit_multi» must be done by using the «payload» field to carry the message.

Sending long MT using «submit_sm» can be done either by:

• passing the message through using the payload field

• splitting the message in multiple sending with UDH set accordingly (like Kannel does)

The TLV fields sar_msg_ref_num / sar_total_segments / sar_segment_seqnum are ignored.

II - Configuration

Ask your account manager to enable SMPP on your account. We will provide you specifics credentials.

IP : 82.97.21.140
Port : 2775
Login : provided by isendpro
Mot de passe : provided by isendpro
Windowing : provided by isendpro

Nota Bene : IP control rules are the same than for http API. You can either setup a whitelist or disable IP control.

III - Kannel SMSC configuration example

Kannel is widespread a wap and sms open source gateway that supports SMPP.

Below an example configuration to insert in /etc/kannel.conf

```
group=smsc
smsc=smpp
smsc-id=internal
interface-version=34
host=82.97.21.140
port=2775
system-id=[YOUR_SMPP_LOGIN]
smsc-password=[YOUR_SMPP_PASSWORD]
system-type=default
transceiver-mode=1
enquire-link-interval = 60
reconnect-delay = 60
use-ssl = 0
max-pending-submits = 10
```

IV - Annexs

SMPP and GSM specification (with details about UDH fields for long sms).

http://opensmpp.org/specs/smppv34_gsmumts_ig_v10.pdf

http://support.nowsms.com/discus/messages/1/SMPP_v3_4_Issue1_2-24857.pdf

http://www.etsi.org/deliver/etsi_ts/123000_123099/123040/12.02.00_60/ts_123040v120200p.pdf

V – Technical support

You can contact technical support at:

support@iSendPro.com

Please specify in your mail the following infos:

- Your Customer ID