Smart PTT Application Features

Additional Service Features

AddPac Technology

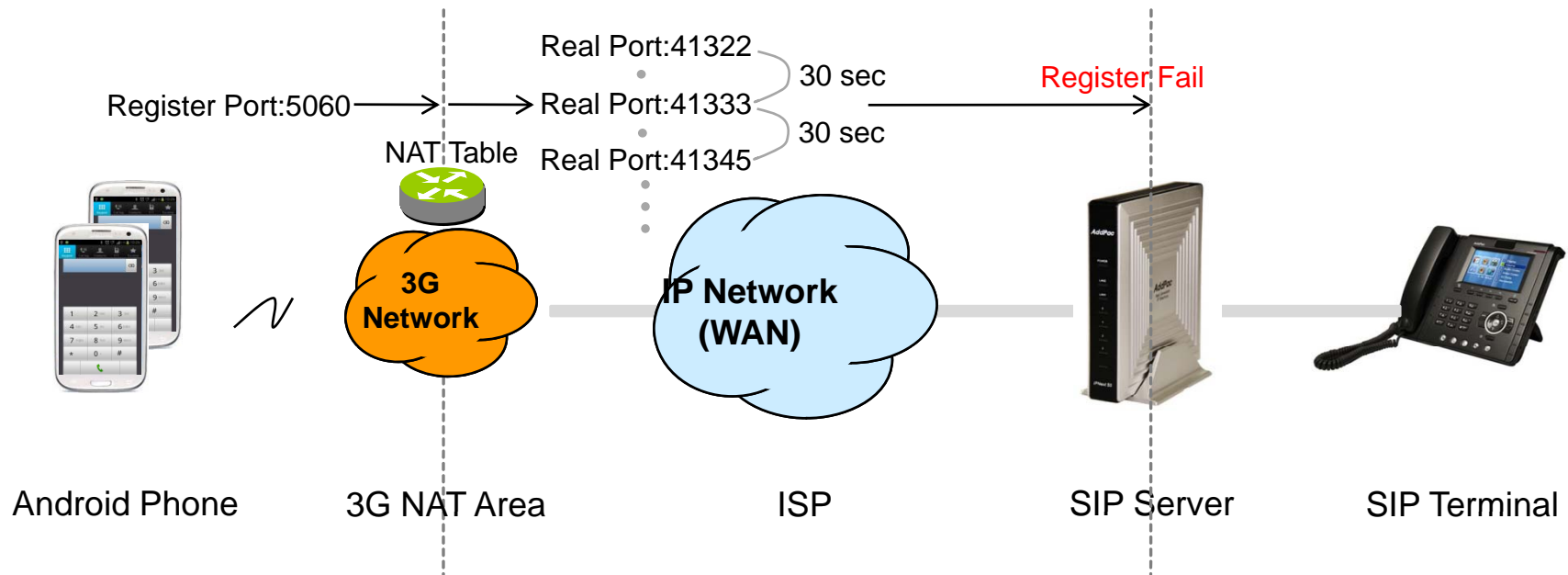2012, Sales and Marketing

Contents

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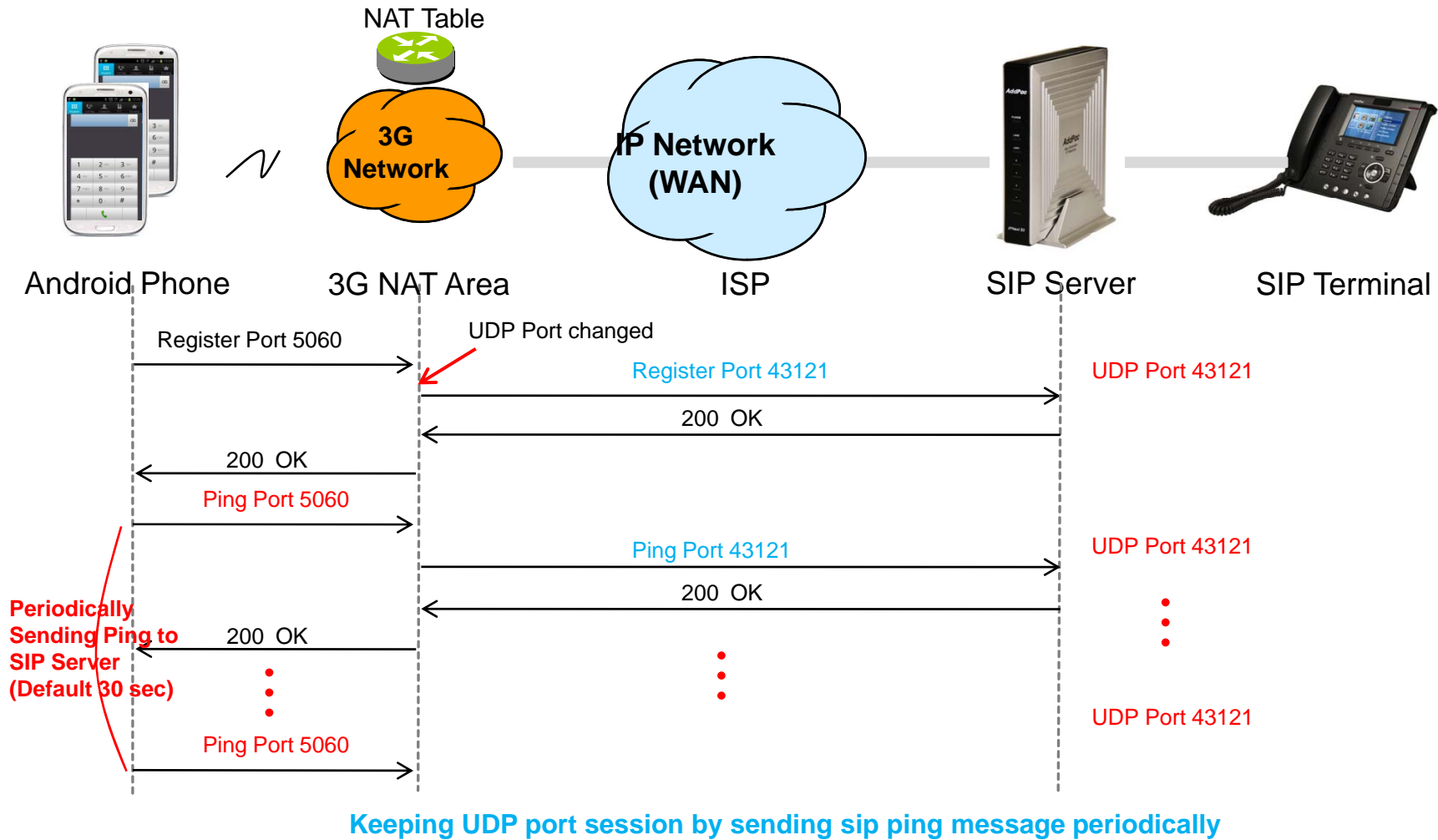
SIP Enable-Ping Service Feature

Network Environment

Register UDP port is periodically changed by 3G NAT Area (Register Fail)

Real Port:41322

30 sec

Register Port:5060

Real Port:41333

Register Fail

NAT Table

30 sec

Real Port:41345

3G Network

IP Network (WAN)

Android Phone   3G NAT Area   ISP   SIP Server   SIP Terminal

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SIP Enable-Ping Service Feature
Periodically Ping to SIP Server Call Flow

NAT Table

3G
Network

IP Network
(WAN)

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Android Phone   3G NAT Area   ISP   SIP Server   SIP Terminal

Register Port 5060   UDP Port changed

Register Port 43121   UDP Port 43121

200 OK

200 OK

Ping Port 5060

Ping Port 43121   UDP Port 43121

200 OK

Periodically
Sending Ping to   200 OK
SIP Server
(Default 30 sec)

UDP Port 43121

Ping Port 5060

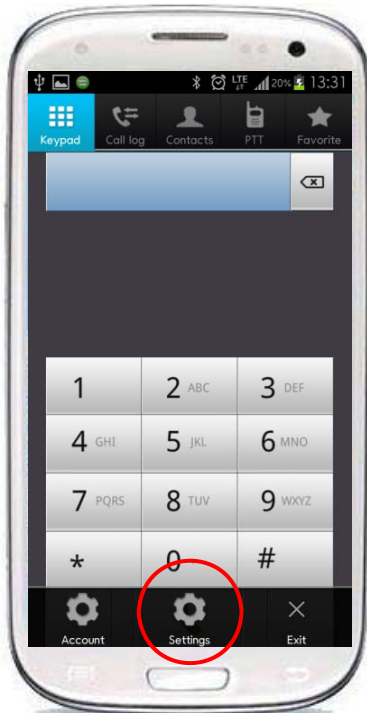**Keeping UDP port session by sending sip ping message periodically**

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SIP Enable-Ping Service Feature
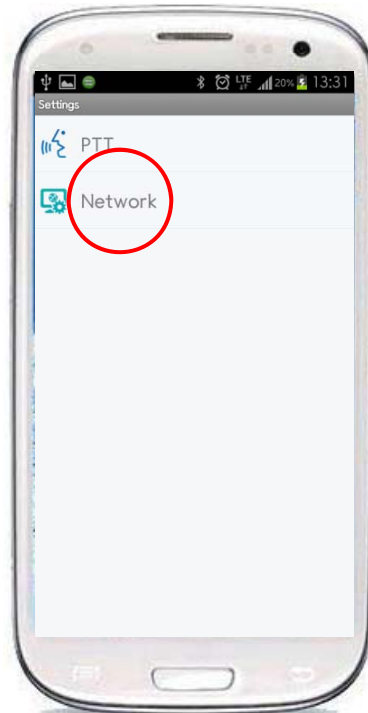SIP Enable-Ping Service Setting
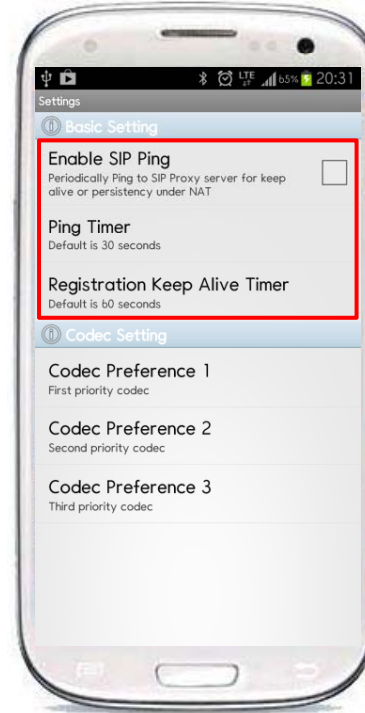
SIP Enable-Ping Service Setting

(1) Menu -> Setting

(2) Network Menu

(3) Basic Setting

Enable SIP Ping
-> Periodically SIP ping to SIP Server for Keep alive or Persistency under NAT

Ping Timer(Default. 30 sec)
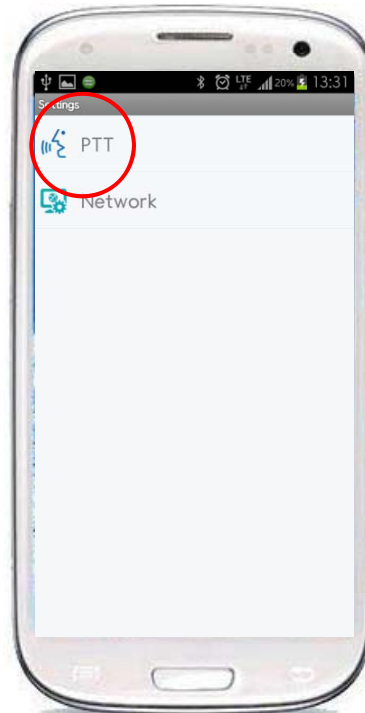
Registration Keep Alive Timer (Default. 60 sec)

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PTT Basic and Sound Configuration

PTT Basic and Sound Setting

(1) Menu -> Setting

(2) PTT Menu

(3) PTT Basic and Sound Setting

Headset Button Operation

PTT Auto Answer

PTT My Talk Sound

PTT Others Talk Sound

PTT Talk Release Sound
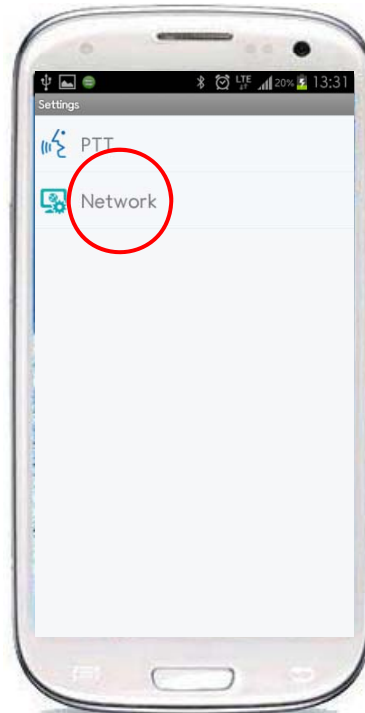
PTT Disconnect Sound

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Codec Preference Configuration

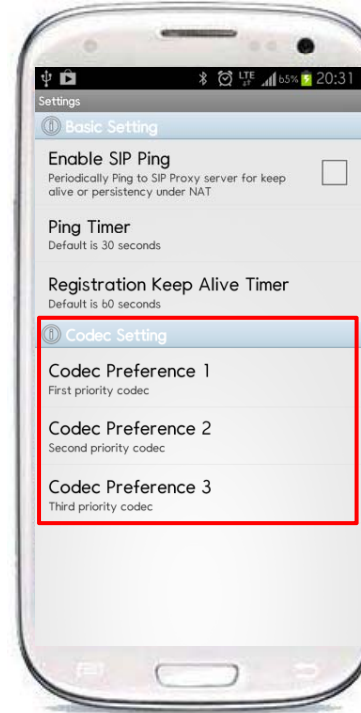Codec Preference Setting

(1) Menu -> Setting   (2) Network Menu   (3) Codec Setting

Codec Preference 1
(Default. G.711ulaw 64Kbps)

Codec Preference 2
(Default. G.711alaw 64Kbps)

Codec Preference 3
(Default. G.726 32Kbps)

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Thank you!

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