VoIP Gateway/IP-PBX Interworking with Skype



IPNext320 Hybrid IP-PBX



IPNext50 IP-PBX







AddPac Technology

2012, Sales and Marketing

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Skype Interworking Test (GW – Skype :using online-number)

Test System Diagram (GW - Skype)



Skype Interworking Test (IP-PBX– Skype :using online-number)

Test System Diagram (IP-PBX – Skype)



Skype Interworking Test (IP-PBX– Skype : using Skype-name)

Test System Diagram (IP-PBX – Skype)



Skype Configuration for IP-PBX or G/W (1/3)

Skype for SIP Beta

AddPac Tec	Business Control Panel Help Sign out					
People Company	(S) €5,10 Add 2 people Add					
Account details	Skype for SIP Beta Profile					
Purchase Skype credit	< Back to profile list					
Add members	Profile overview Calling Online numbers Caller ID					
Redeem voucher						
Manage online numbers	Headquarter					
Group people	Rename this profile Delete this profile SIP authentication Skype for SIP supports authentication via registration (username and password), or					
Order list						
Allocation report	IP address.					
Payment preferences	This SIP profile uses the registration authentication settings below:					
Skype for SIP Beta	Registration (username and password)					
	You will need this information to configure your PBX O SIP Registration Information for IP-PBX or VoIP Gateway					
	SIP User: 99051000003457 Password: e8k/VTU2					
	Skype for SIP domain sip.skype.com					
	UDP Port: 5060 • UDP port					
	SIP user successfully registered at sip.skype.com Last registration: March 29, 2010 at 01:39 GMT					
	Generate a new password 🔞					



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Skype Configuration for IP-PBX or G/W (2/3)

Manage online numbers





Skype Configuration for IP-PBX or G/W (3/3)

Configure Extension Line

People Company	S €5,10 <u>Add</u> 2 people <u>Add</u>
Account details	Skype for SIP Beta Profile
Purchase Skype credit	« Back to profile list
Add members	Profile overview Calling Online numbers Caller ID
Redeem voucher	
Manage online numbers	Headquarter - Calling
Group people	Business accounts can have their incoming calls redirected to this profile.
Order list	Business Accounts
Allocation report	Change or add business accounts to this profile.
Payment preferences	
Skype for SIP Beta	Business account Extension number
	wshwang.addpac.com
	Assign the extension line number for receiving a PSTN or VoIP call.

Configuration for Skype Application

Online number for Skype Application



AddPac VoIP Gateway Configuration

AddPac G/W configuration

dial-peer voice 0 pots destination-pattern 827078931524 port 0/0 no register e164 user-name 99051000003457 user-password e8kVVTU2Jxxxxx ! dial-peer voice 1 pots destination-pattern 99051000003457

port 0/0 user-password e8kVVTU2Jxxxxx

sip-ua sip-server sip.skype.com called-party-number to-field **Configure online-number for receiving a call.** Also, The authentication information should be configured.

- reference page 4-5

The authentication information should be configured for REGISTRATION. - reference page 5

Configure SIP-Proxy Server information. The option(called-party-number) should be configured for extracting called-number from 'To filed'.

- reference page 5

AddPac IP-PBX Configuration(1/4)

Skype Proxy Server Configuration

	🔜 Add a New SIP Pr	oxy Server	
	General Routing Pattern	Phone Number Call Control C	Options
Proxy Server Name Description Device Pool Location Security Profile		Skype default <u>Edit</u> N/A <u>Select</u> <n a=""> Edit</n>	SIP Proxy Server List
	SIP Password		Configure SIP-Proxy Server information.
/	Local Domain		- reference the page 5
The authentication informa be configured. - reference the page 4	ation should	public ~ Rtp-2833 ~ UDP ~ t 60	(10-86400 sec)
	RTP Proxy Required	C.	☑ Use Music On Hold
	Use Local Hostname Use Username at Re Register	e at Registered Domain Name egistered User Information	Nortel Hold Method REFER Method Supported
			Ok Cancel



AddPac IP-PBX Configuration(2/4)

Translation Rule Configuration

No	Number Translation Rul	Input Matched Pattern	Substituted Pattern	Description	
1	외 부발신_called	9T 8T 53T 54T 55T 56T 57T	%02%99 %02%99 %03%99 %03%99 %03%99 %03%99 %03%99 %03%99		
2	Skype_outbound_called	070T	82%02%99		
3	Skype_inbound_called	8270T	0%03%99		

Configure Translation-Rules for inbound and outbound call.

For the outbound call starting with '070', Eliminate one digit, and then insert '82' digits. (ex: called-number 070-8888-9999 \rightarrow 8270-8888-9999) For the inbound call starting with '8270', Eliminate two digits, and then insert '0' digit. (ex: called-number 8270-8888-9999 \rightarrow 070-8888-9999)

AddPac IP-PBX Configuration(3/4)

Apply Translation Rule

noomig i amann i iopaniao		Jan Add a New SIP Provu Server	
			<u> </u>
Routing Pattern 0701	<[0-9#*]I[].TF>	General Routing Pattern Phone Number Call Control Options	
Description		< Inbound Call	
Partition N/A	✓ Edit		
Trunk/Routing List Skype	✓ Edit	Partition Access List N/A	✓ Edit
AAR Group N/A	✓ Edit	Call Priority 4	~
		Inbound Access Rule N/A	🖌 Edit
Number Translation on Outgoing Call	Routing Mode	Malicious Call Filter N/A	✓ Edit
Called Number Skype_outbound	 Preference 	Number Translation on Incoming Call	
Calling Number N/A V Edit	Sequential	Called Number Skype_inbound_called	▼ Edit
		Calling Number N/A	✓ Edit
Apply Translation Dula for and			
Apply Iranslation-Kule for out	bound call.	⁰ Apply Translation-Rule for inhound	call
P-Asserted Identity Presentation None	bound call.	^o Apply Translation-Rule for inbound	call.
P-Asserted Identity Presentation None	bound call.	Apply Translation-Rule for inbound Calling Party Presentation Default	call.
P-Asserted Identity Presentation None	er	Calling Party Presentation Default	call.
P-Asserted Identity Presentation None	er	Calling Party Presentation Default Caller ID DN Use P-Asserted-Identity Header	call.
P-Asserted Identity Presentation None	er	Calling Party Presentation Default Callier ID DN Use P-Asserted-Identity Header CID Use From-Header CID Use From-Header	call.
Apply Translation-Kule Tor out P-Asserted Identity Presentation None Used as Service Code Service Code Call Forwarding Activation Provide Outside Dial Tone	er	Calling Party Presentation Default Caller ID DN Use P-Asserted-Identity Header CID Use From-Header CID Use From-Header Purpose of Trunking Unspecified	call.
Appry Translation-Kule Tor out P-Asserted Identity Presentation None Used as Service Code Service Code Call Forwarding Activation Provide Outside Dial Tone Do Not Generate Outbound CDR	er	Apply Translation-Rule for inbound Calling Party Presentation Caller ID DN Use P-Asserted-Identity Header CID Use From-Header Purpose of Trunking Unspecified Do Not Generate CDR	call.
Appry Translation-Kule Tor out P-Asserted Identity Presentation None Used as Service Code Service Code Call Forwarding Activation Provide Outside Dial Tone Do Not Generate Outbound CDR Emergency	er	Apply Translation-Rule for inbound Calling Party Presentation Caller ID DN Use P-Asserted-Identity Header CID Use From-Header Purpose of Trunking Unspecified Do Not Generate CDR	call.
Appry Translation-Kule Tor out P-Asserted Identity Presentation None Used as Service Code Service Code Call Forwarding Activation Provide Outside Dial Tone Do Not Generate Outbound CDR Emergency Block this Pattern	er	Apply Translation-Rule for inbound Calling Party Presentation Caller ID DN Use P-Asserted-Identity Header CID Use From-Header Purpose of Trunking Unspecified Do Not Generate CDR External Device	call.
Appry Translation-Kule Tor out P-Asserted Identity Presentation None Used as Service Code Service Code Call Forwarding Activation Provide Outside Dial Tone Do Not Generate Outbound CDR Emergency Block this Pattern	er	Apply Translation-Rule for inbound Calling Party Presentation Caller ID DN Use P-Asserted-Identity Header CID Use From-Header Purpose of Trunking Unspecified Do Not Generate CDR External Device	call.

AddPac

AddPac IP-PBX Configuration(4/4)

Configure Routing Pattern

Routing Pattern Pro	operties		
Routing Pattern	070T	<[0-9#*] [].TF>	F>
Description			
Partition	N/A 🖌	Edit	Number Translation Properties
Trunk/Routing List	Skype 🗸 🗸	Edit	
AAR Group	N/A 🛩	Edit	
Number Translation on	Outgoing Call	- Bouting Mod	Description
Called Number		Prefere	Number Translation Rules
Calling Number	Skype_outbound_v <u>Edit</u>	O Sequen	en No Input Matched Pattern Substituted Pattern
			1 T 99051000003457%98
Display Name Presenta	ation None 🛩]	
P-Asserted Identity Pres	sentation None 🗸]	Configure, the colling number translation rule
Used as Service C	Code		(Skype Proxy Server allows only registered user ID)
Call Forwarding Act	Subscriber Number		- reference the page 5
Provide Outside Dia	I Tone		
Do Not Generate Ou	itbound CDR		Add Delete
Emergency			
Block this Pattern			Ok Cancel
	Ok Cancel		
AUUFUC		WV	/ww.addpac.com 1

SIP REGISTER (1/3)





AddPac IP-PBX Series

(1) REGISTER
(2) 401 Unauthorized
(3) REGISTER
(4) 200 OK

SIP REGISTER (2/3)

(1) REGISTER



(2) 401 Unauthorized

atus-Line: SIP/2.0 401 Unauthorized Status-Code: 401	
[Resent Packet: False]	
essage Header	
From: <sip:99051000003457@sip.skype.com>;tag=494b7346a4</sip:99051000003457@sip.skype.com>	
To: <sip:99051000003457@sip.skype.com>;tag=05aed4eb43523e287156e2da6464d890.fe30</sip:99051000003457@sip.skype.com>	
Call-ID: 495fb04b-9947-7314-8046-0002a4ff4869@60.196.6.77	
CSeq: 1 REGISTER	
via: SIP/2.0/UDP 60.196.6.77:5060:branch=z9hG4bK494b7346a41	
<pre>WWW-Authenticate: Digest realm="sip.skype.com", nonce="4bb05f6b000128eb7223ee8f101719a27202e08df27d98d7", algorithm: Server: OpenSIPS</pre>	=MD5
Server Content Longth, 0	
content-tength: 0	



SIP REGISTER (3/3)

(3) REGISTER

🗟 Request-Line: REGISTER sip:sip.skype.com SIP/2.0
Method: REGISTER
[Resent Packet: False]
∃ Message Header
Via: SIP/2.0/UDP 60.196.6.77:5060;branch=z9hG4bK494b7346a42
⊞ From: <sip:99051000003457@sip.skype.com>;tag=494b7346a4</sip:99051000003457@sip.skype.com>
⊞ To: sip:99051000003457@sip.skype.com
Call-ID: 495fb04b-9947-7314-8046-0002a4ff4869@60.196.6.77
CSeq: 2 REGISTER
Date: Mon, 29 Mar 2010 17:05:29 GMT
User-Agent: AddPac SIP Gateway
Authorization: Digest username="99051000003457", realm="sip.skype.com", nonce="4bb05f6b000128eb7223ee8f101719a27202e08df27d98d7", uri="sip.skype.com", response="9e7434a787cdef395518b
B Contact: <sip:99051000003457@60.196.6.77>; expires=60</sip:99051000003457@60.196.6.77>
Expires: 60
Content-Length: 0
Max-Forwards: 70

(4) 200 OK

=	Status-Line: SIP/2.0 200 OK
	Status-Code: 200
	[Resent Packet: False]
-	Message Header
(∃ From: <sip:99051000003457@sip.skype.com>;tag=494b7346a4</sip:99051000003457@sip.skype.com>
(∃ To: <sip:99051000003457@sip.skype.com>;tag=05aed4eb43523e287156e2da6464d890.d62</sip:99051000003457@sip.skype.com>
	call-ID: 495fb04b-9947-7314-8046-0002a4ff4869@60.196.6.77
	CSeq: 2 REGISTER
	Via: SIP/2.0/UDP 60.196.6.77:5060;branch=z9hG4bK494b7346a42
(E Contact: <sip:99051000003457@60.196.6.77>; expires=60</sip:99051000003457@60.196.6.77>
	Server: OpenSIPS
	Expires: 60
	Content-Length: 0



Inbound Call from Skype (1/5)





AddPac IP-PBX Series

(1) INVITE
(2) 183 Session Progress
(3) 200 OK
(4) ACK

Inbound Call from Skype (2/5)

(1) INVITE

+	Request-Line: INVITE sip:99051000003457@60.196.6.77 SIP/2.0
-	Message Header
	⊞ From: <sip:anonymous@sip.skype.com>;tag=a4a109cc-13c4-4bb0601c-2729e3f7-36880b6f</sip:anonymous@sip.skype.com>
	Call-ID: CXC-59-6942a370-a4a109cc-13c4-4bb0601c-2729e3f7-2afee549
	CSeq: 1 INVITE
	Via: SIP/2.0/UDP 204.9.161.164:5060;branch=z9hG4bK-287ea-4bb0601c-2729e3f7-3242e07c
	Max-Forwards: 12
	User-Agent: sipgw-1.0
	Privacy: id
	P-Asserted-Identity: <sip:anonymous@sip.skype.com></sip:anonymous@sip.skype.com>
	Remote-Party-ID: <sip:anonymous@sip.skype.com>;party=calling;screen=yes;privacy=full</sip:anonymous@sip.skype.com>
	Allow: INVITE, ACK, CANCEL, OPTIONS, BYE
	<pre>Gontact: <sip:anonymous@204.9.161.164:5060;transport=udp></sip:anonymous@204.9.161.164:5060;transport=udp></pre>
	Content-Type: application/sdp
	Content-Length: 263
-	Message body
	Session Description Protocol
	Session Description Protocol Version (v): 0
	Session Name (s): Skype call
	🗉 Time Description, active time (t): 0 0
	⊞ Media Description, name and address (m): audio 28924 RTP/AVP 18 0 8 101
	⊞ Media Attribute (a): rtpmap:18 G729/8000
	🗄 Media Attribute (a): rtpmap:0 PCMU/8000
	🗉 Media Attribute (a): rtpmap:8 PCMA/8000
	🗉 Media Attribute (a): rtpmap:101 telephone-event/8000
	⊞ Media Attribute (a): fmtp:18 annexb=no

Inbound Call from Skype (3/5)

(2) 183 Session Progress

⊞ Status-Line: SIP/2.0 183 Session Progress ■ Message Header
Via: SIP/2.0/UDP 204.9.161.164:5060; branch=z9hG4bK-287ea-4bb0601c-2729e3f7-3242e07c
Call-ID: CXC-59-6942a370-a4a109cc-13c4-4bb0601c-2729e3f7-2afee549
CSeq: 1 INVITE
User-Agent: AddPac SIP Gateway
Content-Type: application/sdp
Content-Length: 177
Message body
Session Description Protocol
Session Description Protocol Version (v): 0
⊞ Owner/Creator, Session Id (o): addpac 1269850137 1269850137 IN IP4 60.196.6.77
Session Name (s): AddPac Gateway SDP
⊡ Connection Information (c): IN IP4 60.196.6.77
■ Time Description, active time (t): 1269850137 0
Session Attribute (a): sendonly
Media Description, name and address (m): audio 26128 RTP/AVP 18
⊞ Media Attribute (a): rtpmap:18 G/29/8000

Inbound Call from Skype (4/5)

(3) 200 OK

Status-Line: SIP/2.0 200 OK Message Header	
<pre>via: SIP/2.0/UDP 204.9.161.164:5060; branch=z9hG4bK-287ea-4bb0601c-2729e3f7-3242e07c From: <sip:anonymous@sip.skype.com>;tag=a4a109cc-13c4-4bb0601c-2729e3f7-36880b6f To: <sip:827078921524@sip.skype.com>:tag=104b5b40a4</sip:827078921524@sip.skype.com></sip:anonymous@sip.skype.com></pre>	
call-TD: CXC-59-6942a370-a4a109cc-13c4-4bb0601c-2729e3f7-2afee549	
CSeq: 1 INVITE	
User-Agent: AddPac SIP Gateway	
Content-Type: application/sdp	
Content-Length: 248	
Message body	
Session Description Protocol	
Session Description Protocol Version (v): 0	
B Owner/Creator, Session Id (o): 07078931524 1269882543 1269882543 IN IP4 172.17.111.2	11
Session Name (s): AddPac Gateway SDP	
Connection Information (c): IN IP4 172.17.111.211	
⊞ Time Description, active time (t): 1269882543 0	
⊞ Media Description, name and address (m): audio 23106 RTP/AVP 18 101	
■ Media Attribute (a): ptime:20	
Media Attribute (a): rtpmap:18 G/29/8000/1	
Media Attribute (a): rtpmap:101 telephone-event/8000/1	
⊞ Media Attribute (a): fmtp:101 0-15	

Inbound Call from Skype (5/5)

(4) ACK

+	Request-Line: ACK sip:99051000003457@60.196.6.77 SIP/2.0
-	Message Header
	Call-ID: CXC-59-6942a370-a4a109cc-13c4-4bb0601c-2729e3f7-2afee549
	CSeq: 1 ACK
	via: SIP/2.0/UDP 204.9.161.164:5060; branch=z9hG4bK-287eb-4bb0601f-2729ee10-66a221b2
	Max-Forwards: 70
	P-Asserted-Identity: <sip:anonymous@sip.skype.com></sip:anonymous@sip.skype.com>
	E Contact: <sip:anonymous@204.9.161.164:5060;transport=udp></sip:anonymous@204.9.161.164:5060;transport=udp>
	Content-Length: 0

Outbound Call from IP-PBX (1/7)





AddPac IP-PBX Series

(1) INVITE
(2) 407 Proxy Authentication
(3) ACK
(4) INVITE
(5) 180 Ringing
(6) 200 OK
(7) ACK

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Outbound Call from IP-PBX (2/7)

(1) INVITE

```
■ Request-Line: INVITE sip:827079510919@sip.skype.com SIP/2.0
Message Header
   via: SIP/2.0/UDP 60.196.6.77:5060; branch=z9hG4bK964b554ca484
 From: <sip:99051000003457@sip.skype.com>;tag=964b554ca4
 call-ID: 9666b04b-146c-556e-804c-0002a4ff4869@60.196.6.77
   CSea: 84 INVITE
   Supported: timer, 100rel
   Min-SE: 1800
   Date: Mon, 29 Mar 2010 17:36:38 GMT
   Session-Expires: 1800
   User-Agent: AddPac IP-PBX
 Accept: application/sdp
   Allow: INVITE, ACK, CANCEL, OPTIONS, BYE, UPDATE, PRACK, REFER, NOTIFY, INFO
   Content-Type: application/sdp
   Content-Length: 449
   Max-Forwards: 69
Message body
 Session Description Protocol
     Session Description Protocol Version (v): 0

    Owner/Creator, Session Id (o): 99051000003457 1269884196 1269884196 IN IP4 172.17.101.240

     Session Name (s): AddPac Gateway SDP

    Connection Information (c): IN IP4 172.17.101.240

   ■ Media Description, name and address (m): audio 23394 RTP/SAVP 18 101

    Media Attribute (a): ptime:20

   Media Attribute (a): crypto:1 AES_CM_128_HMAC_SHA1_80 inline:WzF4/tpRiWLdXEzcioXzodD00ffSWJXMzmE7wrAX

    Media Attribute (a): rtpmap:18 G729/8000

   Media Attribute (a): rtpmap:101 telephone-event/8000

    Media Attribute (a): fmtp:101 0-15

   ■ Media Description, name and address (m): audio 23394 RTP/AVP 18 101
   ■ Media Attribute (a): ptime:20

    Media Attribute (a): rtpmap:18 G729/8000

    Media Attribute (a): fmtp:101 0-15
```



Outbound Call from IP-PBX (3/7)

(2) 407 Proxy Authentication

 B Status-Line: SIP/2.0 407 Proxy Authentication Required
 ■ Message Header
 ■ From: <sip:99051000003457@sip.skype.com>;tag=964b554ca4
 ■ To: <sip:827079510919@sip.skype.com>;tag=a4a109cc-13c4-4bb0669a-27433f01-4d79c76 Call-ID: 9666b04b-146c-556e-804c-0002a4ff4869@60.196.6.77 CSeq: 84 INVITE Proxy-Authenticate: Digest realm="sip.skype.com", nonce="4bb066b80001781bc891b9609d299d2022c6c16fb79e8c19", algorithm=MD5 Via: SIP/2.0/UDP 60.196.6.77:5060;branch=z9hG4bK964b554ca484 Content-Length: 0



Outbound Call from IP-PBX (4/7)

(3) ACK

Request-Line: ACK sip:827079510919@sip.skype.com SIP/2.0
🖃 Message Header
<pre>via: SIP/2.0/UDP 60.196.6.77:5060;branch=z9hG4bK964b554ca484</pre>
⊞ From: <sip:99051000003457@sip.skype.com>;tag=964b554ca4</sip:99051000003457@sip.skype.com>
call-ID: 9666b04b-146c-556e-804c-0002a4ff4869@60.196.6.77
CSeq: 84 ACK
Content-Length: 0
Max-Forwards: 70



Outbound Call from IP-PBX (5/7)

(4) INVITE

Message Header Via: SIP/2.0/UDP 60.196.6.77:5060; branch=z9hG4bK964b554ca485 call-ID: 9666b04b-146c-556e-804c-0002a4ff4869@60.196.6.77 CSeq: 85 INVITE Supported: replaces, timer, 100rel, early-session Min-SE: 1800 Date: Mon, 29 Mar 2010 17:36:38 GMT Session-Expires: 1800 User-Agent: AddPac SIP Gateway Accept: application/sdp Proxy-Authorization: Digest username="99051000003457", realm="sip.skype.com", nonce="4bb066b80001781bc891b9609d299d2022c6c16fb79e8c19", Allow: INVITE, ACK, CANCEL, OPTIONS, BYE, UPDATE, PRACK, REFER, NOTIFY, INFO Content-Type: application/sdp Content-Length: 449 Max-Forwards: 70 Message body Session Description Protocol Session Description Protocol Version (v): 0 B Owner/Creator, Session Id (o): 99051000003457 1269884196 1269884196 IN IP4 172.17.101.240
 Session Name (s): AddPac Gateway SDP Connection Information (c): IN IP4 172.17.101.240 ■ Media Description, name and address (m): audio 23394 RTP/SAVP 18 101 Media Attribute (a): ptime:20 Media Attribute (a): crypto:1 AES_CM_128_HMAC_SHA1_80 inline:WzF4/tpRiWLdXEzcioXzodD00ffSwJXMzmE7wrAX Media Attribute (a): rtpmap:18 G729/8000 Media Attribute (a): rtpmap:101 telephone-event/8000 Media Attribute (a): fmtp:101 0-15 ■ Media Description, name and address (m): audio 23394 RTP/AVP 18 101 Media Attribute (a): ptime:20 Media Attribute (a): rtpmap:18 G729/8000 Media Attribute (a): rtpmap:101 telephone-event/8000 Media Attribute (a): fmtp:101 0-15



Outbound Call from IP-PBX (6/7)

(5) 180 Ringing

🗄 Status-Line: SIP/2.0 180 Ringing
🖃 Message Header
⊞ From: <sip:99051000003457@sip.skype.com>;tag=964b554ca4</sip:99051000003457@sip.skype.com>
Call-ID: 9666b04b-146c-556e-804c-0002a4ff4869@60.196.6.77
CSeq: 85 INVITE
User-Agent: sipgw-1.0
via: SIP/2.0/UDP 60.196.6.77:5060;branch=z9hG4bK964b554ca485
E Contact: <sip:827079510919@sip.skype.com:5060;maddr=204.9.161.164;transport=udp></sip:827079510919@sip.skype.com:5060;maddr=204.9.161.164;transport=udp>
Content-Length: 0

Outbound Call from IP-PBX (7/7)

(6) 200 OK

⊞ Status-Line: SIP/2.0 200 ок ⊟ Message Header
 ➡ From: <sip:99051000003457@sip.skype.com>;tag=964b554ca4</sip:99051000003457@sip.skype.com> ➡ To: <sip:827079510919@sip.skype.com>;tag=a4a109cc-13c4-4bb0669a-27433f01-4d79c76 call-ID: 9666b04b-146c-556e-804c-0002a4ff4869@60.196.6.77</sip:827079510919@sip.skype.com>
Allow: INVITE, ACK, CANCEL, OPTIONS, BYE
User-Agent: sipgw-1.0
Via: SIP/2.0/UDP 60.196.6.77:5060;branch=z9hG4bK964b554ca485
E Contact: <sip:827079510919@sip.skype.com:5060;maddr=204.9.161.164;transport=udp></sip:827079510919@sip.skype.com:5060;maddr=204.9.161.164;transport=udp>
Content-Type: application/sdp
Content-Length: 220
Message body
Session Description Protocol
Session Description Protocol Version (v): 0
■ Owner/Creator, Session Id (o): 99051000003457 1269884196 1269884196 IN IP4 204.9.161.164
Session Name (s): Skype call
🗉 Connection Information (c): IN IP4 204.9.161.164
Time Description, active time (t): 0 0
🗉 Media Description, name and address (m): audio 24068 RTP/AVP 18 101
🗉 Media Attribute (a): rtpmap:18 G729/8000
🗉 Media Attribute (a): rtpmap:101 telephone-event/8000
🗉 Media Attribute (a): fmtp:18 annexb=no

(7) ACK

Request-Line: ACK sip:827079510919@sip.skype.com;transport=udp;maddr=204.9.161.164	SIP/2.0
🖃 Message Header	
Via: SIP/2.0/UDP 60.196.6.77;branch=z9hG4bK964b554ca485	
⊞ From: <sip:99051000003457@sip.skype.com>;tag=964b554ca4</sip:99051000003457@sip.skype.com>	
To: <sip:827079510919@sip.skype.com>;tag=a4a109cc-13c4-4bb0669a-27433f01-4d79c76</sip:827079510919@sip.skype.com>	
call-ID: 9666b04b-146c-556e-804c-0002a4ff4869@60.196.6.77	
CSeq: 85 ACK	
Content-Length: 0	
Max-Forwards: 70	



Thank you!

AddPac Technology Co., Ltd. Sales and Marketing

Phone +82.2.568.3848 (KOREA) FAX +82.2.568.3847 (KOREA) E-mail sales@addpac.com

