

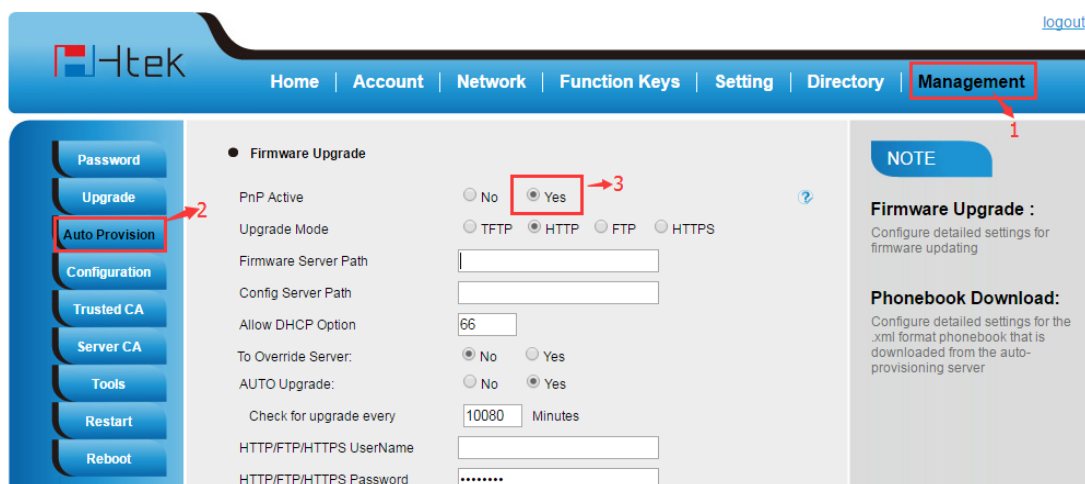
Obtaining the configuration server address via PNP

Htek Phones support obtaining the provisioning server address via plug and play (PnP) Server. PNP is Plug-and-Play. After the phone plugged, it will automatically to the corresponding SIP Server access to configuration Server address to configure the unit. This way is more convenient operation. Administrator only needs to set on the SIP Server. Users don't need to set any configuration.

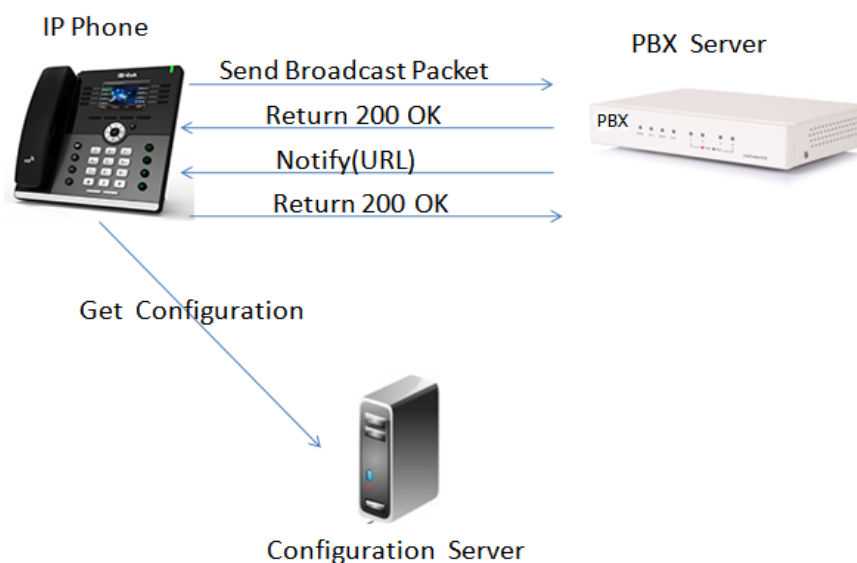
1. IP Phone Setting

Enter the user name and password login the IP phone system

Management->Setting->PnP Active, select 'Yes'



2. (PnP via sip) Set configuration process and caught



(1) Phone will send broadcast packets (take the phone MAC address)to network

equipment for the sip server after it plugs .

No.	Time	Source	Destination	Protocol	Length	Info
41386	108.136014	192.168.1.89	224.0.1.75	SIP	544	Request: SUBSCRIBE sip:MAC001fc11b4e1c@224.0.1.75
41389	108.136944	192.168.0.240	192.168.1.89	SIP	298	Status: 200 OK
41390	108.137612	192.168.0.240	192.168.1.89	SIP	543	Request: NOTIFY sip:MAC001fc11b4e1c@192.168.1.89:60000
41391	108.138835	192.168.0.9	192.168.1.89	SIP	528	Status: 401 Unauthorized
41395	108.139169	192.168.0.240	192.168.1.89	SIP	552	Status: 401 Unauthorized
41486	108.520888	192.168.1.89	192.168.0.240	SIP	312	Status: 200 OK

(2) After sip server receives the broadcast packets to back to the 200 OK, inform phone request has been received

(3)PBX sends notify message, the message take the URL address (configuration URL address), the following figure

No.	Time	Source	Destination	Protocol	Length	Info
41386	108.136014	192.168.1.89	224.0.1.75	SIP	544	Request: SUBSCRIBE sip:MAC001fc11b4e1c@224.0.1.75
41389	108.136944	192.168.0.240	192.168.1.89	SIP	298	Status: 200 OK
41390	108.137612	192.168.0.240	192.168.1.89	SIP	543	Request: NOTIFY sip:MAC001fc11b4e1c@192.168.1.89:60000
41391	108.138835	192.168.0.9	192.168.1.89	SIP	528	Status: 401 Unauthorized
41395	108.139169	192.168.0.240	192.168.1.89	SIP	552	Status: 401 Unauthorized
41486	108.520888	192.168.1.89	192.168.0.240	SIP	312	Status: 200 OK

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Frame 41390: 543 bytes on wire (4344 bits), 543 bytes captured (4344 bits) on interface 0
Ethernet II, Src: ZycooLtd_03:22:22 (68:69:2e:03:22:22), Dst: HanlongT_1b:4e:1c (00:1f:c1:1b:4e:1c)
Internet Protocol Version 4, Src: 192.168.0.240 (192.168.0.240), Dst: 192.168.1.89 (192.168.1.89)
User Datagram Protocol, Src Port: 5060 (5060), Dst Port: 60000 (60000)
Session Initiation Protocol (NOTIFY)
  Request-Line: NOTIFY sip:MAC001fc11b4e1c@192.168.1.89:60000 SIP/2.0
  Message Header
  Message Body
    http://admin:123456@192.168.0.25:88
  
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(4) After Phone receives the configuration URL, it will back 200 OK to the PBX server

(5)Restart IP Phone, the phone will get the configuration file, order as follows :

factory0000.xml->cfg0000.xml->001fc11b4e1c.cfg->cfg001fc11b4e1c->cfg001fc11b4e1c.xml