

# Téléphones SIP

Dans le cadre de mon projet VOIP, j'ai dû configurer 3 téléphones SIP.

Leurs modèles :

- 2 x Yealink T54W
- 1x Aastra 6731i

## Configuration

### Pour les Yealink :

Les Yealink se branchent en PoE et leur mot de passe par défaut est admin. Ils sont plutôt faciles à configurer via l'interface directement intégré à l'appareil.

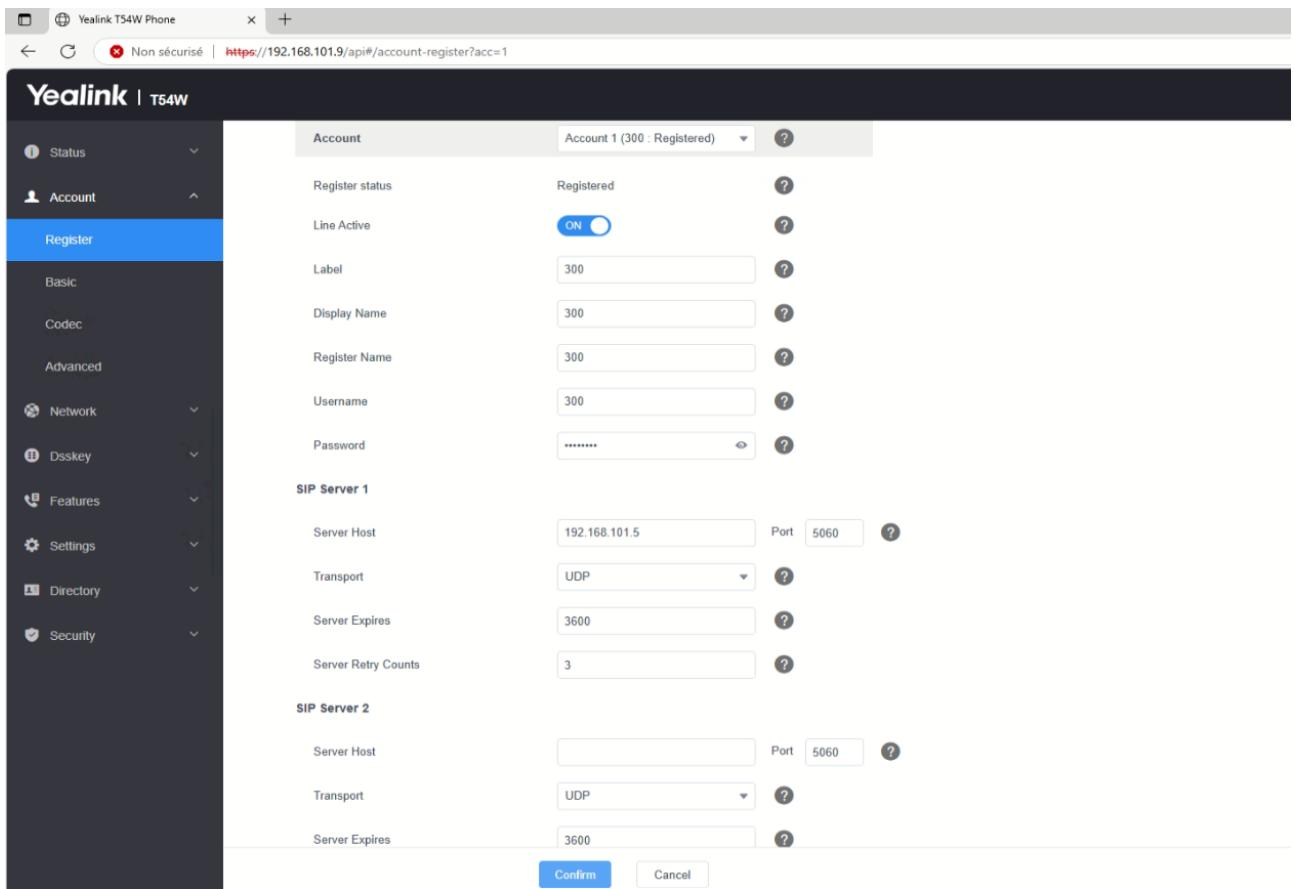
J'ai commencé par les brancher à mon switch afin que le DHCP de mon routeur leur distribue un IP (que j'ai par la suite fixée grâce à leur adresse MAC respective).

Ensuite, j'ai entré l'un des comptes SIP que j'ai créé sur Asterisk afin de rendre l'appareil fonctionnel.

Voici ma configuration sur l'un d'entre eux :

Network ?	Internet Port	IPv4
	WAN Port Type	DHCP
	WAN IP Address	192.168.101.9
IPv4 ?	Subnet Mask	255.255.255.0
	Gateway	192.168.101.254
	Primary DNS	192.168.101.254
	Secondary DNS	

## Téléphones SIP – Mise en place



### Pour le Aastra :

L'Aastra se branche également en PoE et leur mot de passe par défaut est 22222.

Pour la configuration, j'ai fait la même chose que pour les Yealink mais via sa propre interface.

## Téléphones SIP – Mise en place

Non sécurisé | 192.168.101.10

**MITEL**

- Status**
  - System Information
  - License Status
- Operation**
  - User Password
  - Phone Lock
  - Soffileys and XML
  - Programmable Keys
  - Keypad Speed Dial
  - Directory
  - Reset
- Basic Settings**
  - Preferences
  - Account Configuration
- Advanced Settings**
  - Network
  - Global SIP
  - Line 1
  - Line 2
  - Line 3
  - Line 4
  - Line 5
  - Line 6
  - Line 7
  - Line 8
  - Line 9
  - Action URI
  - Configuration Server
  - Firmware Update
  - TLS Support
  - 802.1x Support
  - Troubleshooting

### System Information

Network Status		LAN Port	PC Port
Attribute	Value	Up	Down
Link State		Auto	Auto
Negotiation		100Mbps	10Mbps
Speed		Full	Half
Duplex			

Hardware Information	
Attribute	Value
MAC Address:	00-08-5D-28-8E-66
Platform	6755i Revision 0

Firmware Information	
Attribute	Value
Firmware Version	3.3.1.4365
Firmware Release Code	SIP
Boot Version	2.5.2.1010
Date/Time	Jun 2 2016 02:17:15

SIP Status		SIP Account	Status	Backup Registrar Used?
Line				
1		301@192.168.101.5	Registered	No
2		301@192.168.101.5	Registered	No
3		301@192.168.101.5	Registered	No
4		301@192.168.101.5	Registered	No

Non sécurisé | 192.168.101.10/provis.html

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### Network Settings

Basic Network Settings	
DHCP	<input checked="" type="checkbox"/> Enabled 192.168.101.10
IP Address	255.255.255.0
Subnet Mask	192.168.101.254
Gateway	192.168.101.254
Primary DNS	0.0.0.0
Secondary DNS	5500085D288E66
Hostname	Auto Negotiation
LAN Port	<input checked="" type="checkbox"/> Enabled
PC Port PassThru Enable/Disable	Auto Negotiation
PC Port	

Advanced Network Settings	
DHCP Download Options	Any
LLDP	<input checked="" type="checkbox"/> Enabled
LLDP packet interval	30
NAT IP	0.0.0.0
NAT SIP Port	51620
NAT RTP Port	51720
STUN Server	0.0.0.0
STUN Port	3478
TURN Server	0.0.0.0
TURN Port	3479
TURN User ID	
TURN Password	
Rport (RFC 3581)	
	<input type="checkbox"/> Enabled

HTTPS Settings	
HTTPS Server - Redirect HTTP to HTTPS	<input type="checkbox"/> Enabled
HTTPS Server - Block XML HTTP POSTs	<input type="checkbox"/> Enabled
HTTPS Client Method	TLS Preferred
Validate Certificates	<input checked="" type="checkbox"/> Enabled
Check Certificate Expiration	<input checked="" type="checkbox"/> Enabled
Check Certificate Hostnames	<input checked="" type="checkbox"/> Enabled
Trusted Certificates Filename	

Type of Service DSCP	
SIP	26
RTP	46
RTCP	46

## Téléphones SIP – Mise en place

Non sécurisé | 192.168.101.10/globalSIPsettings.html

**Global SIP Settings**

<b>Basic SIP Authentication Settings</b>	
Screen Name	301
Screen Name 2	
Phone Number	301
Caller ID	301
Authentication Name	301
Password	****
BLA Number	
Line Mode	Generic
Call Waiting	<input checked="" type="checkbox"/> Enabled
<b>Basic SIP Network Settings</b>	
Proxy Server	192.168.101.5
Proxy Port	0
Backup Proxy Server	192.168.101.5
Backup Proxy Port	0
Outbound Proxy Server	192.168.101.5
Outbound Proxy Port	0
Backup Outbound Proxy Server	192.168.101.5
Backup Outbound Proxy Port	0
Registrar Server	192.168.101.5
Registrar Port	5060
Backup Registrar Server	192.168.101.5
Backup Registrar Port	0
Registration Period	0
Conference Server URI	
<b>Advanced SIP Settings</b>	
Explicit MWI Subscription	<input type="checkbox"/> Enabled
Explicit MWI Subscription Period	86400
MWI for BLA account	<input type="checkbox"/> Enabled
AS-Feature-Event Subscription	<input type="checkbox"/> Enabled
AS-Feature-Event Subscription Period	3600
Send MAC Address in REGISTER Message	<input type="checkbox"/> Enabled
Send Line Number in REGISTER Message	<input type="checkbox"/> Enabled
Session Timer	0
T1 Timer	0
T2 Timer	0
Transaction Timer	4000
Transport Protocol	UDP
Local SIP UDP/TCP Port	5060
Local SIP TLS Port	5061
Registration Failed Retry Timer	1800
Registration Timeout Retry Timer	120
Registration Renewal Timer	15
BLF Subscription Period	3600
ACD Subscription Period	3600
BLA Subscription Period	300