

2018

tiptel

LDAP Phonebook on Htek & Yeastar S-series
Version 1.0.0 (20181204)

CONTENT

- LDAP Telefoonboek op de tiptel/Htek UC9XX IP toestellen en Yeastar S-series iPBX
- LDAP Phonebook with the tiptel/Htek UC9XX IP phones and Yeastar S-series iPBX

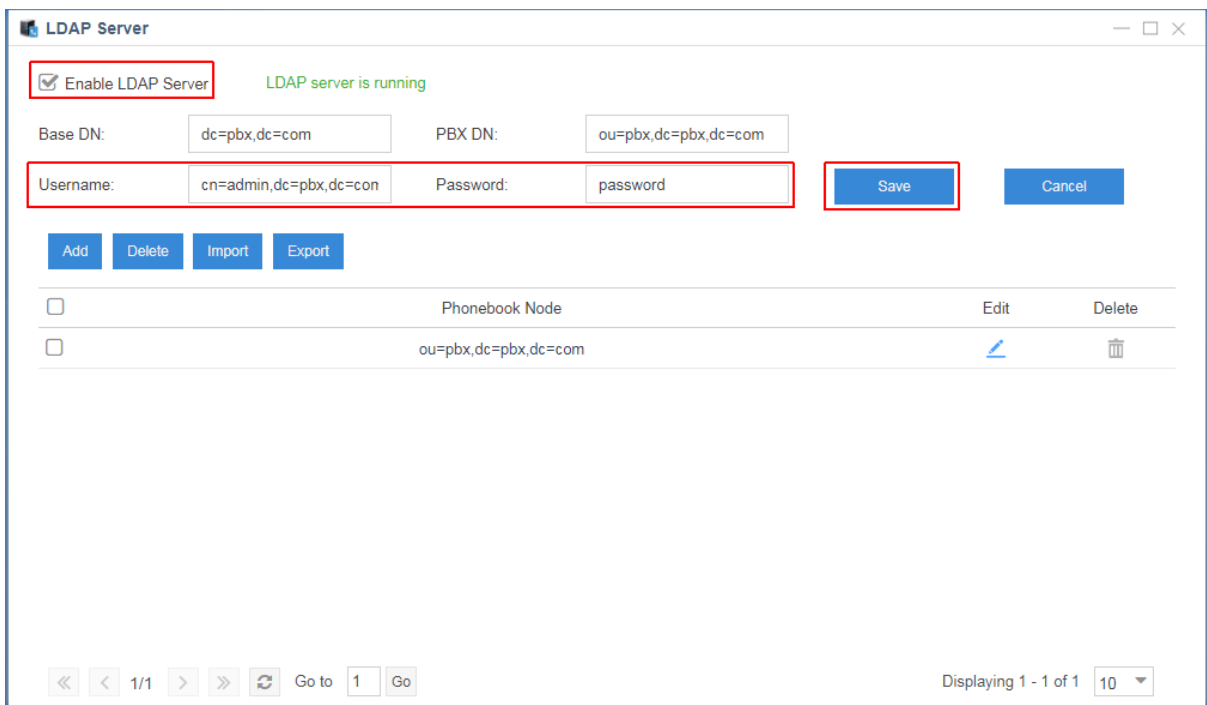
Nederlands / Dutch:

Deze handleiding beschrijft hoe men de LDAP Server van de Yeastar S Series PBX kan benaderen en gebruiken op de tiptel/Htek UC9XX series IP toestellen.

Login op uw Yeastar S Series PBX en open het “App Center” en installeer van uit hier de LDAP Server:

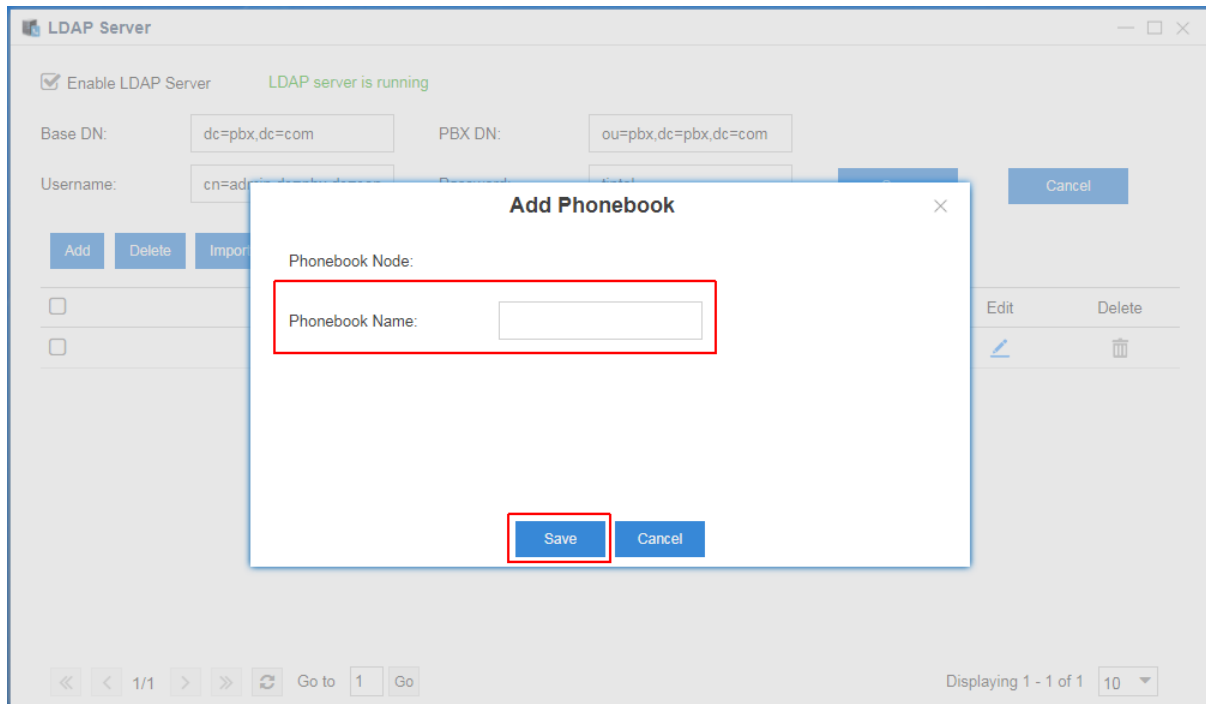


Start de LDAP server van uit het menu:



Start de server door het vinkje bij “Enable LDAP Server” aan te vinken. Neem de gebruikersnaam over en maak een wachtwoord aan, bevestig dit door op “Save” te klikken.

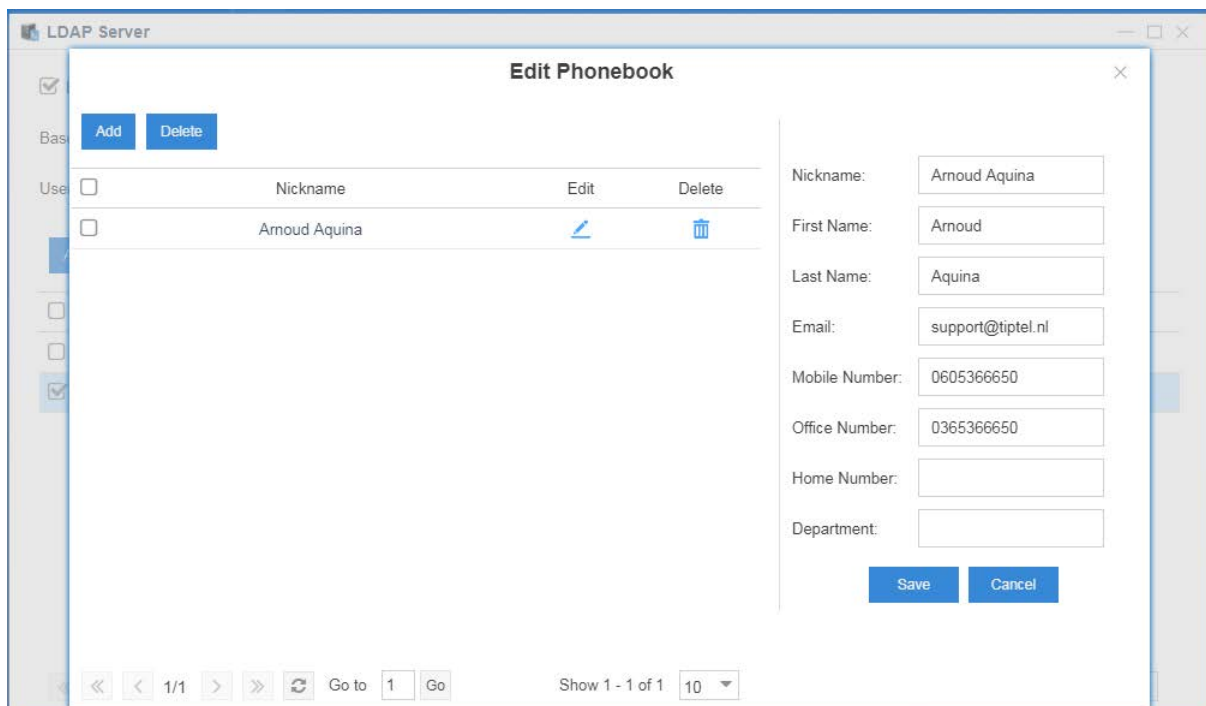
Nu de server actief is, kan men een eigen telefoonboek aanmaken.
Druk op "Add" om nu een nieuw telefoonboek aan te maken:



The screenshot shows the 'LDAP Server' management interface. A modal dialog box titled 'Add Phonebook' is open in the center. The dialog has a 'Phonebook Name:' input field, which is highlighted with a red rectangle. Below the input field are 'Save' and 'Cancel' buttons, with the 'Save' button also highlighted by a red rectangle. The background interface shows the 'LDAP Server' status as 'running' and various configuration fields like 'Base DN' and 'PBX DN'.

Geef het telefoonboek een naam en klik op "Save".

Selecteer nu het aangemaakte telefoonboek uit de lijst en klik op "Edit".



The screenshot shows the 'LDAP Server' management interface with the 'Edit Phonebook' dialog box open. The dialog displays a table of phonebooks with columns for 'Nickname', 'Edit', and 'Delete'. The first row shows 'Nickname' with an 'Edit' button. The second row shows 'Arnoud Aquina' with an 'Edit' button. To the right of the table are input fields for 'Nickname', 'First Name', 'Last Name', 'Email', 'Mobile Number', 'Office Number', 'Home Number', and 'Department'. The 'Nickname' field is filled with 'Arnoud Aquina'. At the bottom of the dialog are 'Save' and 'Cancel' buttons.

Voeg nu de nodige contacten toe aan het telefoonboek.

Let op dat het veld "Nickname" wordt getoont als men door het LDAP telefoonboek heen bladert, en dat de waarde hier ingevuld ook word getoont bij inkomende oproepen!

Log nu in op uw tiptel/Htek toestel om LDAP te configureren.

Ga in het toestel naar **Tel.boek->LDAP** en neem de instellingen hieronder over:

- LDAP naam filter: `((cn=*)(sn=*))`
- LDAP nummer filter: `((telephoneNumber=*)(homePhone=*)(mobile=*))`
- Server adres: IP adres van de Yeastar PBX
- Poort: 389
- Basis DN: `dc=pbx,dc=com`
- Gebruikersnaam: `cn=admin,dc=pbx,dc=com`
- Wachtwoord: Opgegeven wachtwoord in LDAP Server
- Max.Hits (1~32000): 32000
- LDAP Naam Attributen: `cn sn displayName`
- LDAP Nummer Attributen: `telephoneNumber homePhone mobile`
- LDAP Display Naam: `cn`
- Zoek vertraging (0~2000ms): leeg
- Protocol: Versie 3
- LDAP-opzoeken ink. oproepen: Aan
- LDAP Sorteren Resultaat: Aan
- LDAP Synchronisatie Tijd: leeg

Sla deze instellingen op in het toestel:

[loguit](#)

Htek
Home
Profiel
Account
Netwerk
Functie toetsen
Instellingen
Tel. boek
Service

[Tel. boek](#)
[Extern Telefoonboek](#)
[Oproeplijst](#)
[LDAP](#)
[Netwerk Telefoonboek](#)
[MultiCast Paging](#)

LDAP naam filter	<input type="text" value="((cn=*)(sn=*))"/>	?
LDAP nummer filter	<input type="text" value="((telephoneNumber=*)"/>	?
Server adres	<input type="text" value="172.27.133.165"/>	?
Poort	<input type="text" value="389"/>	?
Basis DN	<input type="text" value="dc=pbx,dc=com"/>	?
Gebruikersnaam	<input type="text" value="cn=admin,dc=pbx,dc=com"/>	?
Wachtwoord	<input type="password" value="*****"/>	?
Max.Hits (1~32000)	<input type="text" value="32000"/>	?
LDAP Naam Attributen	<input type="text" value="cn sn displayName"/>	?
LDAP Nummer Attributen	<input type="text" value="telephoneNumber home"/>	?
LDAP Display Naam	<input type="text" value="cn"/>	?
Zoek vertraging (0~2000ms)	<input type="text" value=""/>	?
Protocol	<input type="radio"/> Versie 2 <input checked="" type="radio"/> Versie 3	?
LDAP-opzoeken voor inkomende oproep	<input checked="" type="radio"/> Aan <input type="radio"/> Uit	?
LDAP Sorteren Resultaat	<input checked="" type="radio"/> Aan <input type="radio"/> Uit	?
LDAP Synchronisatie Tijd (0~9999min.)	<input type="text" value=""/>	?

[Help](#)

Op het toestel kan men nu een soft-toets aanmaken om het LDAP telefoonboek direct te opennen:

The screenshot shows the tiptel web interface. At the top right, there is a 'loguit' link. The navigation bar includes 'Home', 'Profiel', 'Account', 'Netwerk', 'Functie toetsen' (highlighted with a red box), 'Instellingen', 'Tel. boek', and 'Service'. On the left sidebar, there are buttons for 'Regel Toets', 'Progr. Toets' (highlighted with a red box), and 'Uitbr. Module'. The main content area displays a table with columns: Toets, Type, Label, Account, and Waarde. The table contains four rows of soft keys. The second row, 'Soft toets 2', is highlighted with a red box and shows 'LDAP' in the Type column and 'Tel. Boek' in the Label column. The Account column for all rows is set to 'Account 1'. A 'Help' button is visible on the right side of the table.

Toets	Type	Label	Account	Waarde
Soft toets 1	Lijsten		Account 1	
Soft toets 2	LDAP	Tel. Boek	Account 1	
Soft toets 3	DND		Account 1	
Soft toets 4	Menu		Account 1	

Het is mogelijk dit ook via autoprovisioning te configureren, of om als bestand te laden.
Knip en plak onderstaande data in een tekst bestand met b.v. Kladblok of Notepad++ en sla dit op als cfg.xml

Laad het bestand cfg.xml in onder **Service->Configuratie->Importeer XML Configuratie.**

```
<?xml version="1.0" encoding="UTF-8" ?>
<hl_provision version="1">
  <config version="1">
    <!--FunctionKeys/ProgrammableKey-->
    <P43201 para="SoftKey2_Type">15</P43201>
    <P43301 para="SoftKey2_Account">0</P43301>
    <P43401 para="SoftKey2_Value" />
    <P20044 para="ProgrammableKey2_Label">Tel. Boek</P20044>
    <!--Directory/LDAP-->
    <P5430 para="LDAP_NameFilter">((cn=%)(sn=%))</P5430>
    <P5431 para="LDAP_NumberFilter">((telephoneNumber=%)(homePhone=%)(mobile=%))</P5431>
    <P5432 para="LDAP_ServerAddress">172.27.133.165</P5432>
    <P5433 para="LDAP_Port">389</P5433>
    <P5434 para="LDAP_Base">dc=pbx,dc=com</P5434>
    <P5435 para="LDAP_UserName">cn=admin,dc=pbx,dc=com</P5435>
    <P5436 para="LDAP_Password">ldap-password</P5436>
    <P5437 para="LDAP_Max_Hits">32000</P5437>
    <P23136 para="LDAP_NameAttributes">cn sn displayName</P23136>
    <P23137 para="LDAP_NumberAttributes">telephoneNumber homePhone mobile</P23137>
    <P5440 para="LDAP_DisplayName">cn</P5440>
    <P5442 para="LDAP_SearchDelay">0</P5442>
    <P5441 para="LDAP_Protocol">1</P5441>
    <P5443 para="LDAP_LookupForIncomingCall">1</P5443>
    <P5444 para="LDAP_SortingResults">1</P5444>
  </config>
</hl_provision>
```

Firmware vereisten:

Yeastar S Series PBX: 30.10.0.28 of hoger
tiptel/Htek UC9XX: 2.0.4.4.67 of hoger

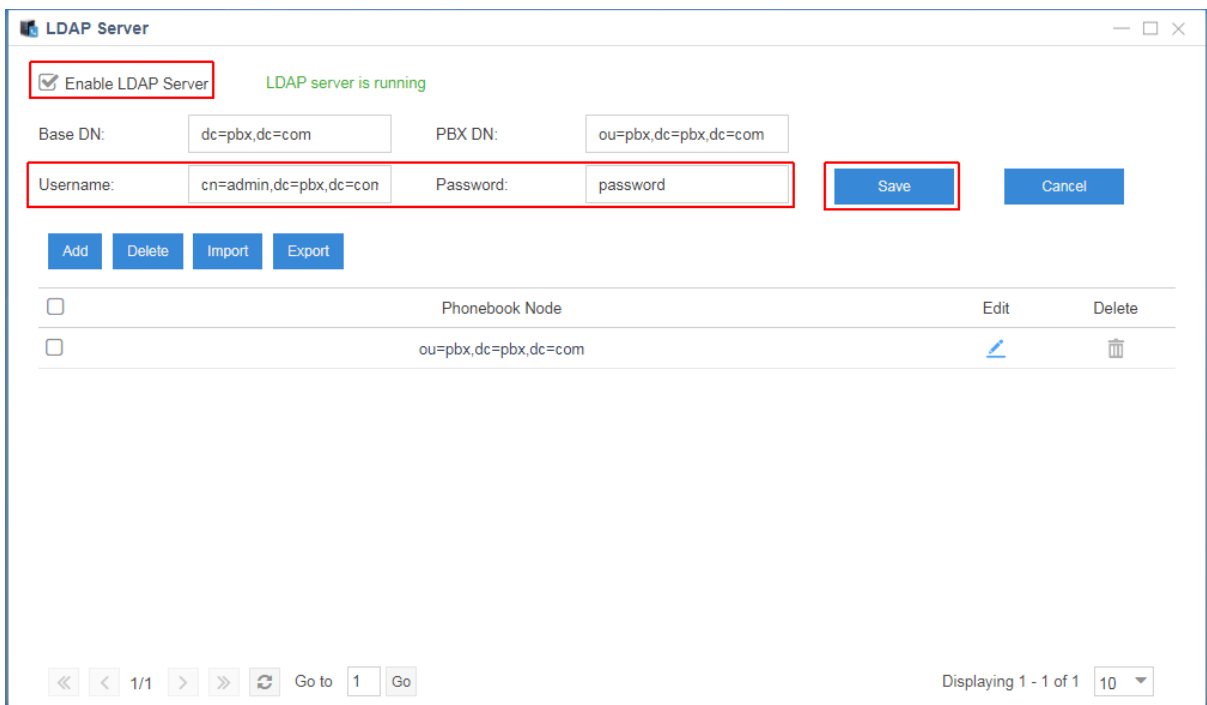
Engels / English:

This manual describes how to make use of the LDAP Server on the Yeastar S Series iPBX and the tiptel/Htek UC9XX series IP Phones.

Login to your Yeastar S Series PBX and open the “App Center” and install the LDAP server from here:

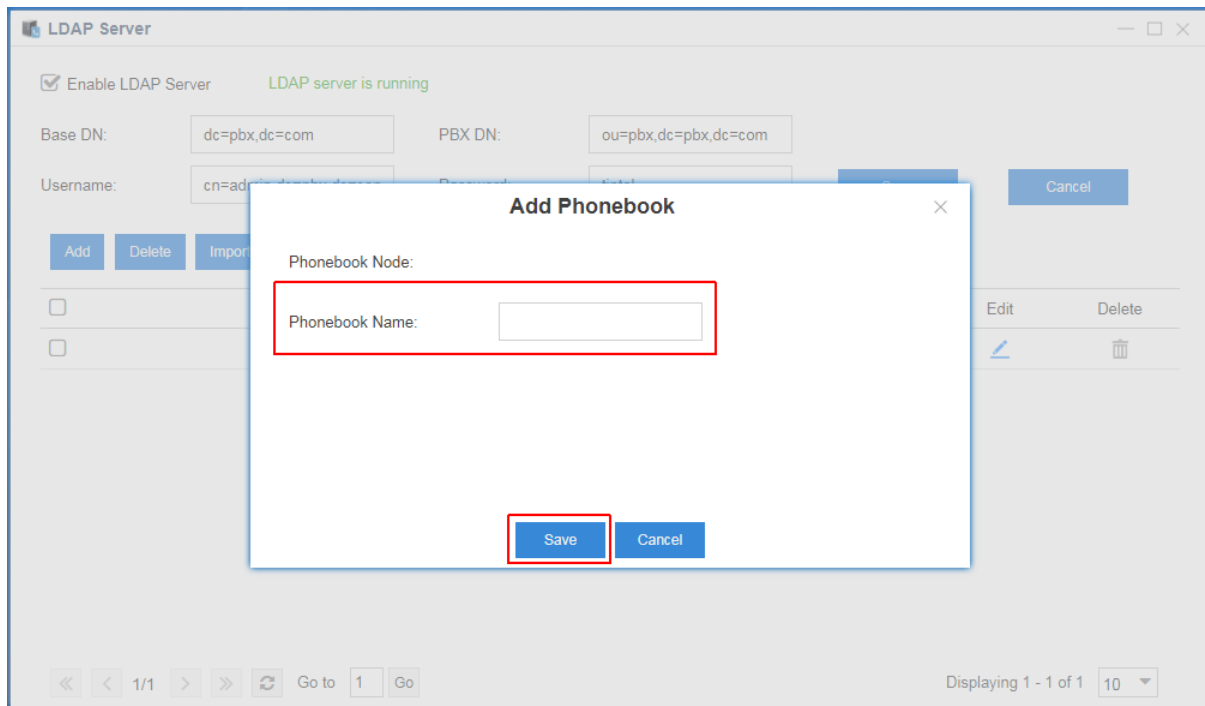


Start the LDAP server from the menu:



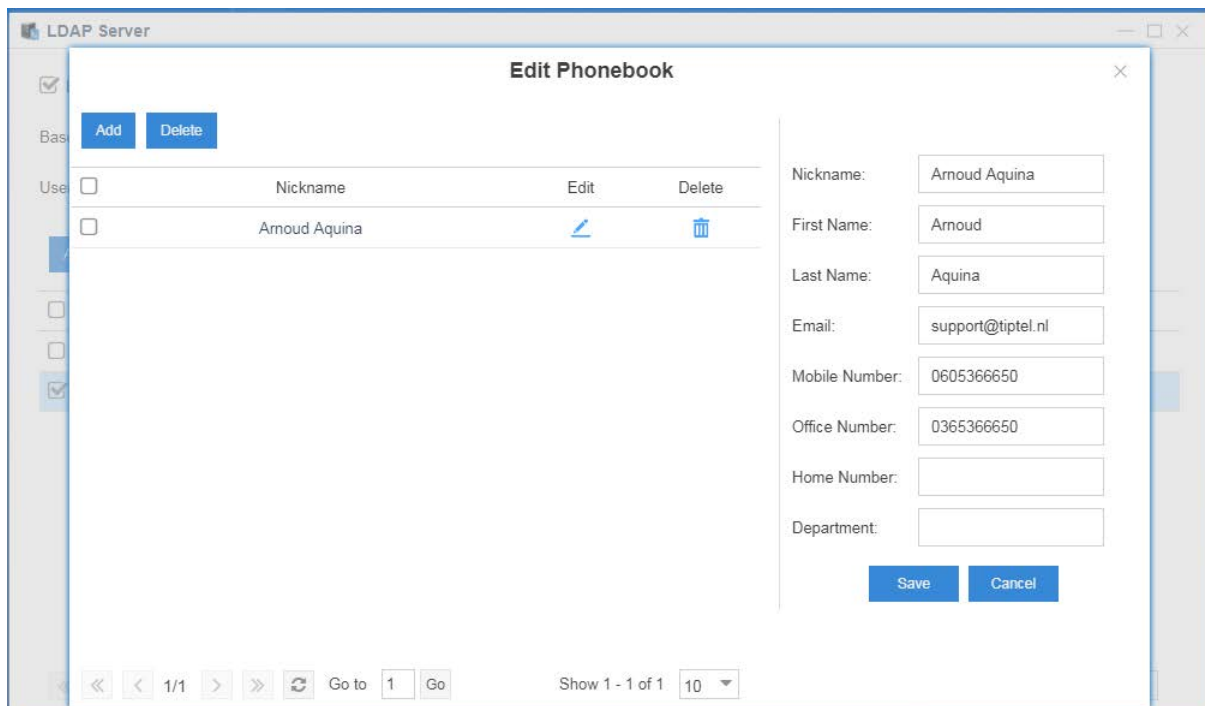
Start the server by selecting the box “Enable LDAP Server”.
Make a note of the username, create a password and click “Save”.

Now the server has been started, you can add your own phonebook. Click on “Add”, to start a new phonebook:



Enter a name for the phonebook and click on “Save”.

Now select the created phonebook and click on “Edit”.



You can now start adding your contacts for this phonebook, remember that the value entered in the “Nickname” box is used showing this contact if you browse in the LDAP phonebook on your phone, also this value is displayed on the phone when you have an incoming call which match one of the records.

Log in on your tiptel/Htek device to configure LDAP.

Go to Directory->LDAP in the device and take over the settings below:

- **LDAP Name filter:** ((cn=%)(sn=%))
- **LDAP Number filter:** ((telephoneNumber=%)(homePhone=%)(mobile=%))
- **Server Address:** IP address assigned to the Yeastar PBX
- **Port:** 389
- **Base:** dc=pbx,dc=com
- **User Name:** cn=admin,dc=pbx,dc=com
- **Password:** Assigned password in the LDAP Server
- **Max.Hits (1~32000):** 32000
- **LDAP Name Attributes:** cn sn displayName
- **LDAP Number Attributes:** telephoneNumber homePhone mobile
- **LDAP Display Name:** cn
- **Search Delay (0~2000ms):** empty
- **Protocol:** Version 3
- **LDAP Lookup For Call:** On
- **LDAP Sorting Results:** On
- **LDAP Synchronize Time:** empty

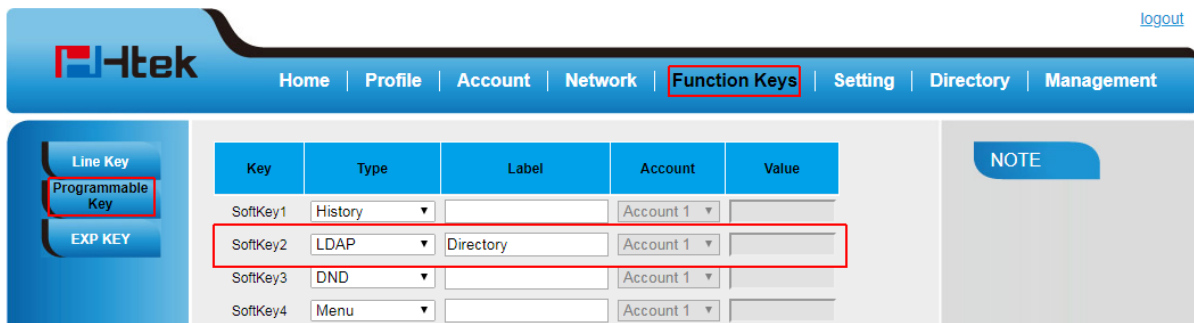
Save these settings in the phone:

The screenshot shows the Htek web interface with the following elements:

- Header:** Htek logo and navigation menu: Home | Profile | Account | Network | Function Keys | Setting | Directory | Management. A "logout" link is in the top right.
- Left Sidebar:** Directory, Remote Phone Book, Call History, LDAP, Network Directory, MultiCast Paging.
- Main Content Area:** LDAP configuration settings table.

Setting	Value	Action
LDAP Name Filter	((cn=%)(sn=%))	?
LDAP Number Filter	((telephoneNumber=%)	?
Server Address	172.27.133.165	?
Port	389	?
Base	dc=pbx,dc=com	?
User Name	cn=admin,dc=pbx,dc=c	?
Password	?
Max.Hits(1~32000)	32000	?
LDAP Name Attributes	cn sn displayName	?
LDAP Number Attributes	telephoneNumber home	?
LDAP Display Name	cn	?
Search Delay(0~2000ms)		?
Protocol	<input type="radio"/> Version2 <input checked="" type="radio"/> Version3	?
LDAP Lookup For Call	<input checked="" type="radio"/> On <input type="radio"/> Off	?
LDAP Sorting Results	<input checked="" type="radio"/> On <input type="radio"/> Off	?
LDAP Synchronize Time(0~9999mins)		?
- Right Panel:** A blue "NOTE" button.

Now you can create a softkey on the phone so you can access the LDAP Phonebook/Directory with a key press:



It is also possible to configure this via autoprovisioning, or to load it as a file. Cut and paste the data below into a text file with e.g. Notepad or Notepad ++ and save this as cfg.xml

Load the file cfg.xml under Service-> Configuration-> Import XML Configuration.

```
<?xml version="1.0" encoding="UTF-8" ?>
<hl_provision version="1">
  <config version="1">
    <!--FunctionKeys/ProgrammableKey-->
    <P43201 para="SoftKey2_Type">15</P43201>
    <P43301 para="SoftKey2_Account">0</P43301>
    <P43401 para="SoftKey2_Value" />
    <P20044 para="ProgrammableKey2_Label">Directory</P20044>
    <!--Directory/LDAP-->
    <P5430 para="LDAP_NameFilter">((cn=%)(sn=%))</P5430>
    <P5431 para="LDAP_NumberFilter">((telephoneNumber=%)(homePhone=%)(mobile=%))</P5431>
    <P5432 para="LDAP_ServerAddress">172.27.133.165</P5432>
    <P5433 para="LDAP_Port">389</P5433>
    <P5434 para="LDAP_Base">dc=pbx,dc=com</P5434>
    <P5435 para="LDAP_UserName">cn=admin,dc=pbx,dc=com</P5435>
    <P5436 para="LDAP_Password">ldap-password</P5436>
    <P5437 para="LDAP_Max_Hits">32000</P5437>
    <P23136 para="LDAP_NameAttributes">cn sn displayName</P23136>
    <P23137 para="LDAP_NumberAttributes">telephoneNumber homePhone mobile</P23137>
    <P5440 para="LDAP_DisplayName">cn</P5440>
    <P5442 para="LDAP_SearchDelay">0</P5442>
    <P5441 para="LDAP_Protocol">1</P5441>
    <P5443 para="LDAP_LookupForIncomingCall">1</P5443>
    <P5444 para="LDAP_SortingResults">1</P5444>
  </config>
</hl_provision>
```

Firmware requirements:

Yeastar S Series PBX: 30.10.0.28 or higher
 tiptel/Htek UC9XX: 2.0.4.4.67 or higher

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