

LDAP Phonebook Introductions

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1. Preparation tools



2. LDAP server configuration address book

2.1. Login to the LDAP server

LDAP Server
— □ ×

Enable LDAP Server LDAP server is not running

Base DN:

Username:

PBX DN:

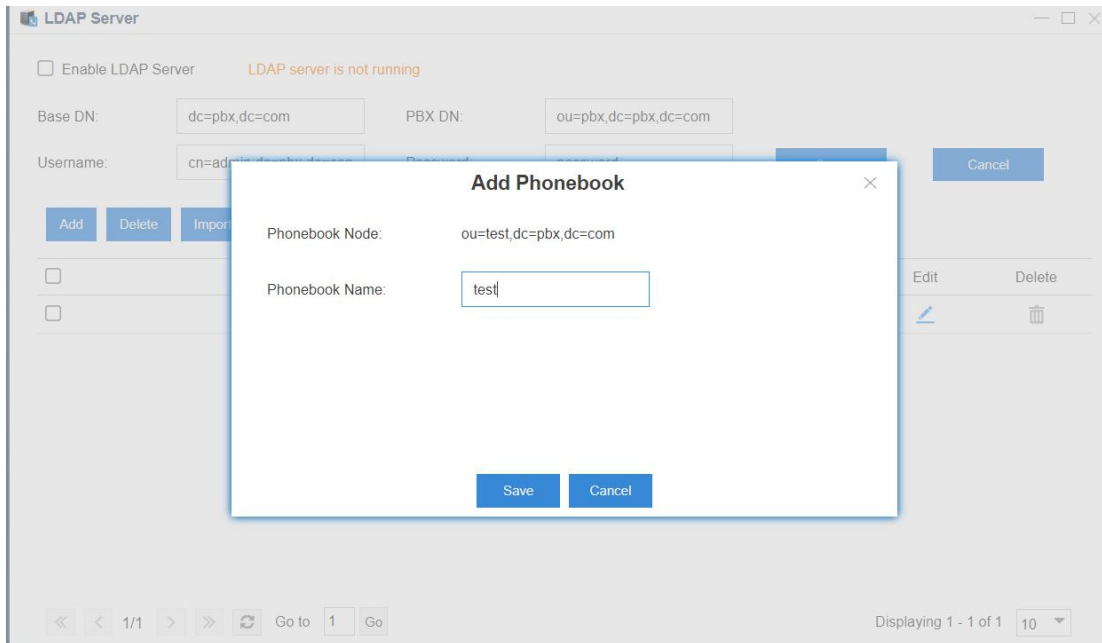
Password:

| | Phonebook Node | Edit | Delete |
|--------------------------|----------------------|-------------------|-------------------|
| <input type="checkbox"/> | ou=pbx,dc=pbx,dc=com | ✎ | 🗑 |

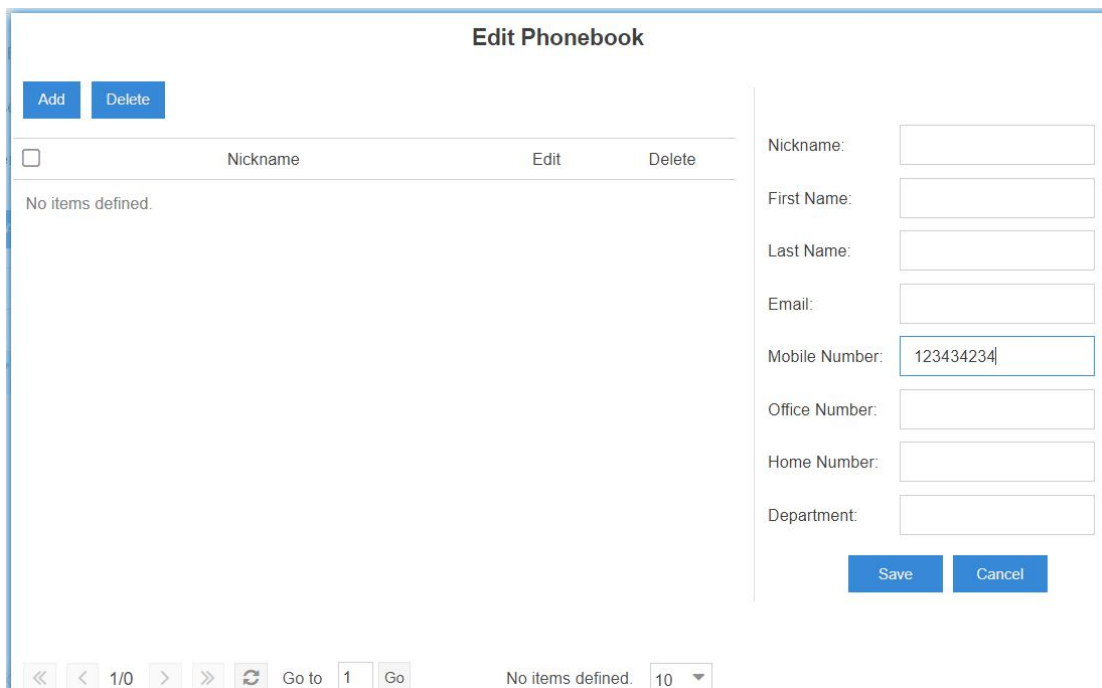
« < 1/1 > »
Go to Go

Displaying 1 - 1 of 1
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2.2. Configure PBX nodes



2.3. Add contact information in the address book



3. Configure LDAP phonebook

3.1. Overview

- ① Up to four LDAP phone books can be configured.
- ② Support access to the entire catalog.
- ③ Look up the other party's number and update the name on the screen during a call.
- ④ Support custom phone book attribute fields, including name, phone book, mobile phone and other phones.
- ⑤ Support multiple authentication methods, including no authentication, simple authentication, CRAM-Digest authentication and CRAM-Digest authentication.

3.2. Configure and Run LDAP

LDAP is configured on the web page, and the configuration page is located in "Phonebook"->"Cloud Phonebook"->"LDAP Settings". The configuration items are shown in the figure below:

The screenshot displays the 'LDAP Settings' configuration page. At the top, there is a table with 4 rows and 4 columns, each containing a dropdown menu set to 'AUTC'. Below this table is an 'Apply' button. The main section is titled 'LDAP Settings' and contains a dropdown menu for 'LDAP 1'. The settings are organized into two columns:

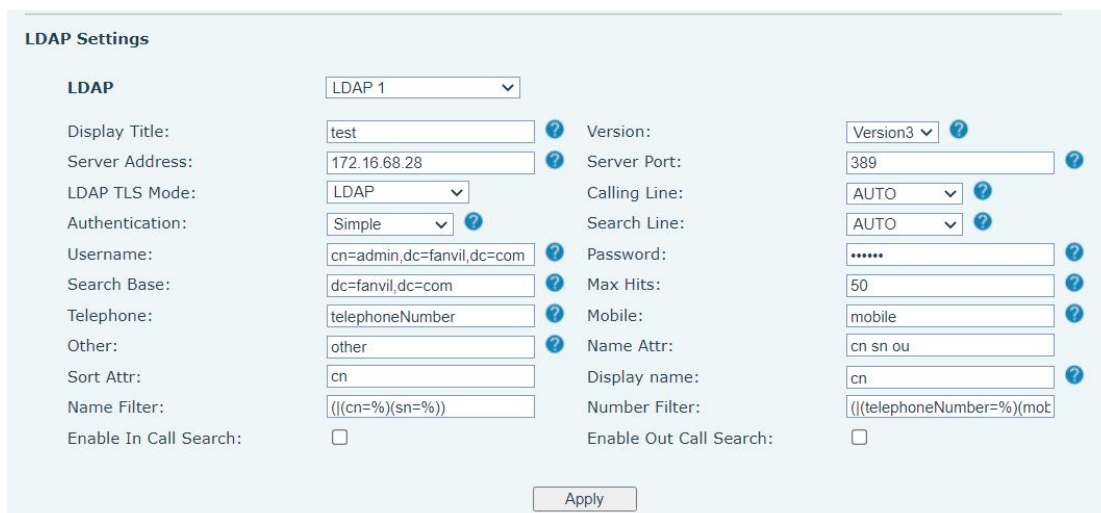
- Left Column:**
 - Display Title: test
 - Server Address: 172.16.68.28
 - LDAP TLS Mode: LDAP
 - Authentication: Simple
 - Username: cn=admin,dc=fanvil,dc=com
 - Search Base: dc=fanvil,dc=com
 - Telephone: telephoneNumber
 - Other: other
 - Sort Attr: cn
 - Name Filter: (((cn=%)(sn=%))
 - Enable In Call Search:
- Right Column:**
 - Version: Version3
 - Server Port: 389
 - Calling Line: AUTO
 - Search Line: AUTO
 - Password: *****
 - Max Hits: 50
 - Mobile: mobile
 - Name Attr: cn sn ou
 - Display name: cn
 - Number Filter: (((telephoneNumber=%)(mo:)
 - Enable Out Call Search:

At the bottom of the settings section, there is an 'Apply' button. Below the settings, there are two links: 'Broadsoft Call logs Settings >>' and 'Broadsoft Directory Settings >>'.

- ① Choose which LDAP to configure.
- ② Configure the title of LDAP displayed on the screen.
- ③ Select the version of the LDAP server, the default is version 3.

- ④ Configure the server's domain name or address, and port. The default is 389.
- ⑤ Choose the authentication method, including None, Simple, Digest-MD5 and CRAM-MD5.
- ⑥ Choose the SIP line for outgoing calls using LDAP.
- ⑦ Configure the user name and password for accessing the LDAP server. If the authentication method is NONE, this can be empty.
- ⑧ Configure the starting position of the server to start searching.
- ⑨ Check to enable call query, you can find and update the name of the other party during the call.
- ⑩ Configure the attribute name of the contact, including name, number, mobile number and other numbers.

The following figure is an example of configuration:



The screenshot shows the 'LDAP Settings' configuration page. It includes a dropdown menu for 'LDAP' set to 'LDAP 1'. The configuration fields are as follows:

| | | | |
|------------------------|---------------------------|-------------------------|--------------------------|
| Display Title: | test | Version: | Version3 |
| Server Address: | 172.16.68.28 | Server Port: | 389 |
| LDAP TLS Mode: | LDAP | Calling Line: | AUTO |
| Authentication: | Simple | Search Line: | AUTO |
| Username: | cn=admin,dc=fanvil,dc=com | Password: | ***** |
| Search Base: | dc=fanvil,dc=com | Max Hits: | 50 |
| Telephone: | telephoneNumber | Mobile: | mobile |
| Other: | other | Name Attr: | cn sn ou |
| Sort Attr: | cn | Display name: | cn |
| Name Filter: | {{(cn=%)(sn=%}} | Number Filter: | {{(telephoneNumber=%)(mo |
| Enable In Call Search: | <input type="checkbox"/> | Enable Out Call Search: | <input type="checkbox"/> |

An 'Apply' button is located at the bottom center of the configuration area.

After configuring the above query conditions and submitting them, you can download the data information that meets the query conditions from the LDAP server under the phone menu phonebook-LDAP. The downloaded address book information can be displayed on the phone, and the user can make direct calls as needed. Send information, query contacts, add to local phonebook, add to blacklist and other operations.