

搭建 3CX 服务器及账号配置

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产品：**IP PHONE**

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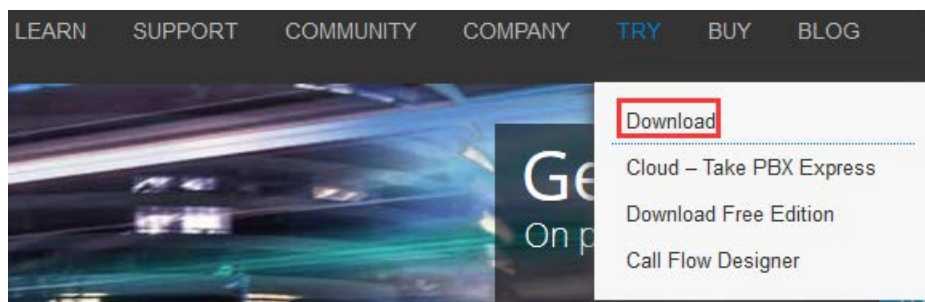
第一章 服务器安装

1.1 下载 3CX 软件

百度搜索 3CX:



点击 Download:



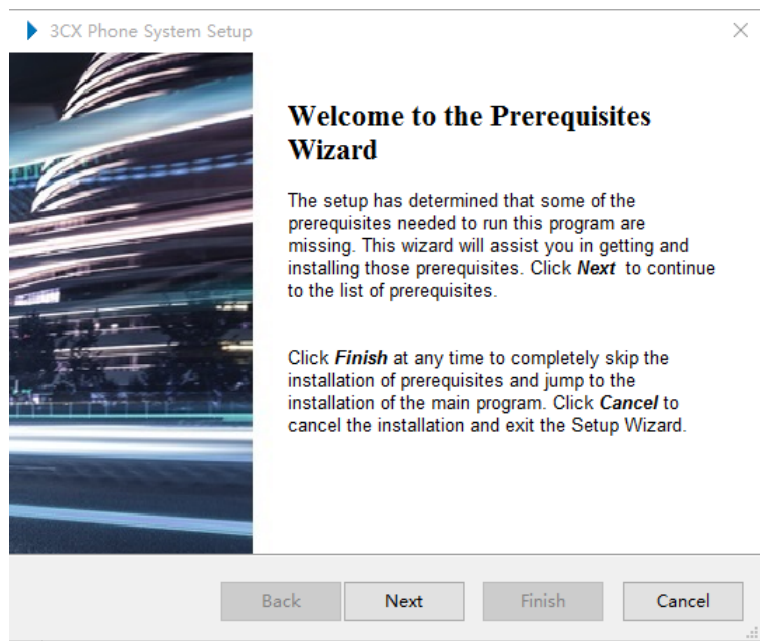
填写注册信息:

Registration form fields:

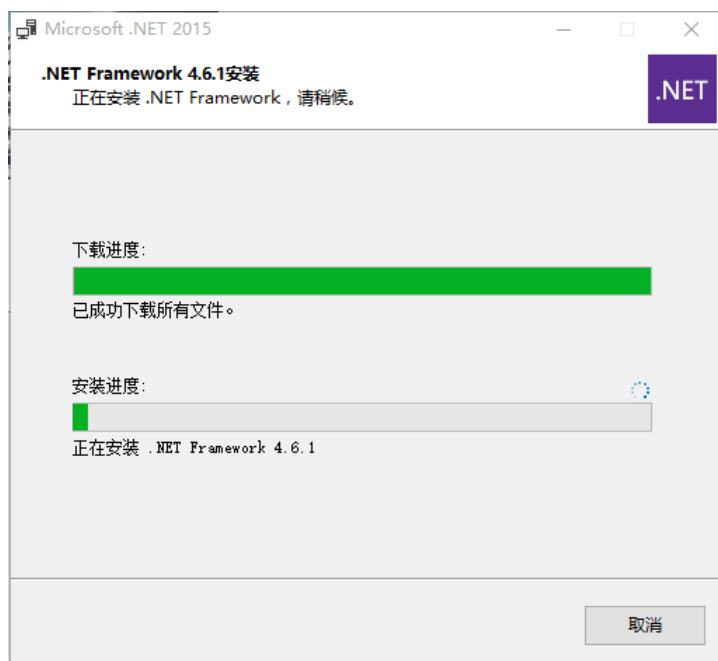
- Username: kerry
- Password: kerry
- Company: htek
- Telephone: (empty)
- Email: hammershr2010@163.com
- ☒ I am an IT / Telecoms reseller
- Submit & Download

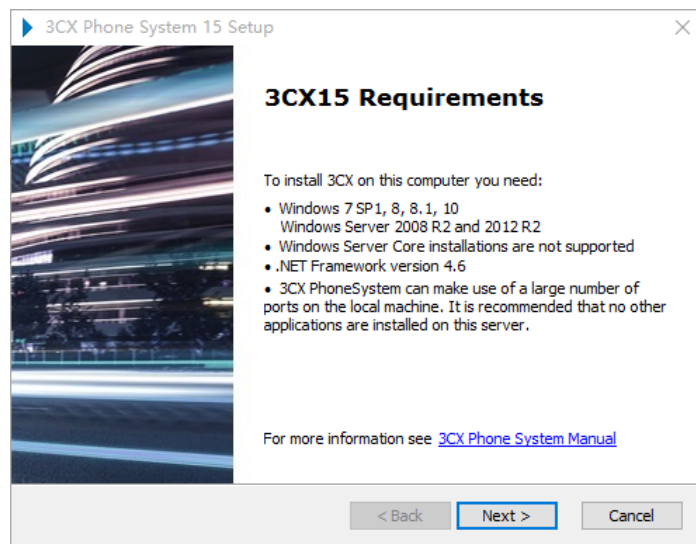
1.2 安装 3CX 软件

运行下载的 exe 文件:

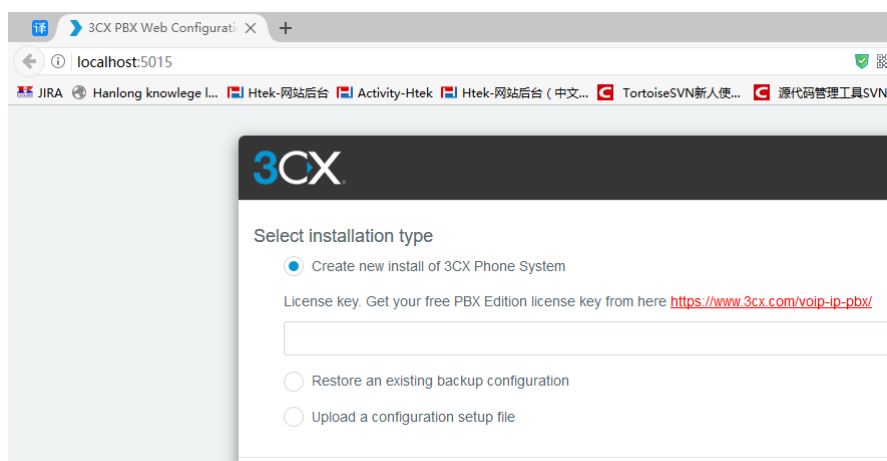


安装.net，安装完后需要重启：





安装完后选择运行 tool 的方式，这里选择浏览器：



1.3 网页设置

输入 liscense key:



Select installation type

- ☒ Create new install of 3CX Phone System

License key. Get your free PBX Edition license key from here <https://www.3cx.com/voip-ip-pbx/>

SPFE-OBLX-6FR9-CIE2

- ☐ Restore an existing backup configuration
- ☐ Upload a configuration setup file

输入用户名和密码:



Enter 3CX Management Console credentials

Username:

admin

Password:

•••••

Repeat Password:

•••••

输入本机 IP 地址:



We detected your Public IP Address as 223.68.137.172

- ☐ Yes my public IP Address is 223.68.137.172
- ☒ No, I want to enter it manually

Public IP:

192.168.0.157

选择静态 IP:



Type of Public IP

Is this a STATIC IP (reliable because ISP does not change your IP address. If you are not sure ask your Internet Service Provider).

- ☒ Static IP
- ☐ Dynamic IP

选择网卡:



Select the default network adapter

192.168.0.157 以太网 (Intel(R) Ethernet Connection (2) I219-LM)

选择 HTTP、HTTPS 端口号:



Enter HTTPS and HTTP ports

HTTPS port:

568

HTTP port:

567

Please, wait...



Creating PBX...

Creating customer database...

安装完成:



Congratulations

Your 3CX Installation is ready

You can access the 3CX Management console from this URL: <https://htektest.3cx.asia:568> or via IP: <https://192.168.0.157:568>

Username: admin

Password: admin

Public IP: 192.168.0.157

FQDN: htektest.3cx.asia

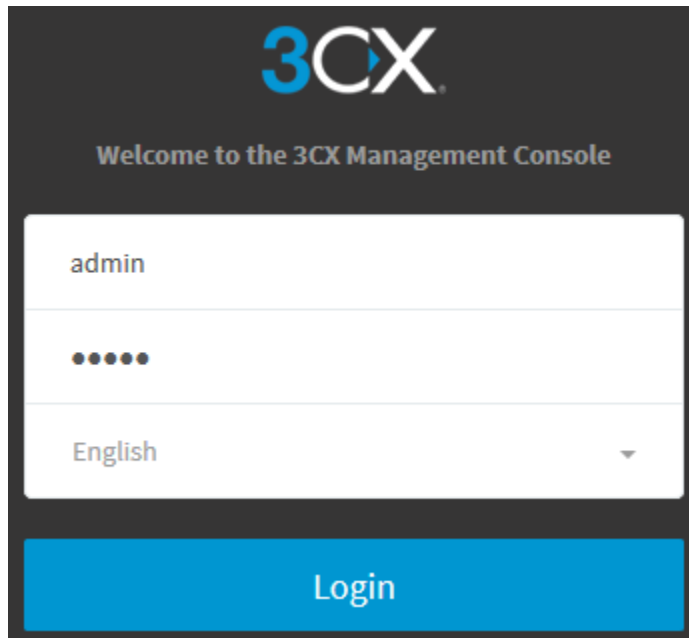
License key is SPFE-OBLX-6FR9-CIE2

Copy and paste this information to a secure location! This dialog is displayed only ONE TIME! If you lose this information, you lose access to your installation.

第二章 配置 3CX 服务器

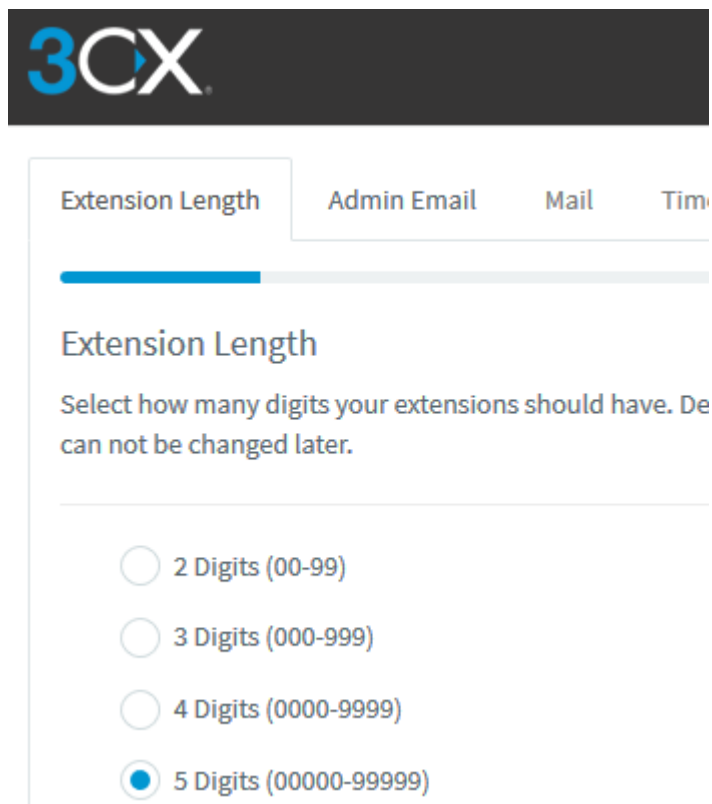
2.1 网页配置 3CX 服务器

进入登陆界面，输入用户名和密码：




The image shows the login interface of the 3CX Management Console. At the top, the 3CX logo is displayed in blue and white. Below it, the text "Welcome to the 3CX Management Console" is shown. The login form consists of three input fields: a username field containing "admin", a password field with five dots, and a language dropdown menu set to "English". A large blue "Login" button is positioned at the bottom of the form.

配置分机号的位数：



The image shows the "Extension Length" configuration screen in the 3CX Management Console. The 3CX logo is at the top. Below it, there are four tabs: "Extension Length", "Admin Email", "Mail", and "Time". The "Extension Length" tab is selected. A progress bar is shown below the tabs. The main heading is "Extension Length". Below it, the text reads: "Select how many digits your extensions should have. De can not be changed later." There are four radio button options: "2 Digits (00-99)", "3 Digits (000-999)", "4 Digits (0000-9999)", and "5 Digits (00000-99999)". The "5 Digits (00000-99999)" option is selected.

填写管理员邮箱，用于 3CX 发送一些邮件：



Extension Length Admin Email

Admin Email

Enter an Email for important system notifications and other diagnostics.

3CX Phone System Admin Email:

hammershr2010@163.com

设置邮件服务的用户名和密码

Extension Length Admin Email Mail Timezone Operator

Mail Server Configuration

3CX requires a mail account to send out notifications, invites and welcome emails.

☐ Use online mail provider

☒ Use mail server

Mail Server IP or FQDN:

smtp001.example.com

Reply To Address:

noreply@example.com

Email:

admin


Password:

•••••

☐ Enable SSL/TLS

TEST

选择国家和时区：



Extension Length Admin Email Mail **Timezone** Operator

Select Country and Time Zone

This is important for Call Reporting, Dialling rules, Phone configuration, invite:


Select Country

China (+86)

Set the Time Zone

+8:00 China (Beijing)

设置第一个分机号的信息：



Extension Length Admin Email Mail Timezone **Operator** Allowed C

Operator Extension

Create an Operator Extension which will be the default destination for inbound calls and a Voicemail

Operator Extension Number:

00001

First Name:

kerry

Last Name:

shen


Email Address:

hammershr2010@163.com

Voice Mail Extension:

99999

选择电话可拨向的国家：



Extension Length
Admin Email
Mail
Timezone
Operator
Allowed Countries
Prompt set
Registration

Countries calls can be made to
As an additional security measure, you can specify to which countries calls can be made.

☐ North America

☐ South America

☐ Europe


☒ Asia and the Middle East

☐ Africa

☐ Australia

☐ International Networks

选择显示语言：




Extension Length
Admin Email
Mail
Timezone
Operator
Allowed Countries
Prompt set

Select Language
Select in which language you want 3CX to play system prompts.

Select Language

US English Prompts Set

填写相关信息验证注册时填写的信息：



Extension Length
Admin Email
Mail
Timezone
Operator
Allowed Countries
Prompt set
Registration

Registration Details

Confirm your registration details to get one year of free updates/maintenance and access to the end user portal at <https://customer.3cx.com>

License Key:

SPFE-OBLX-6FR9-CIE2

Contact Name:

vera

Company Name:

Htek

Email:

1939670472@qq.com

Phone:

+86 25 8465 8050

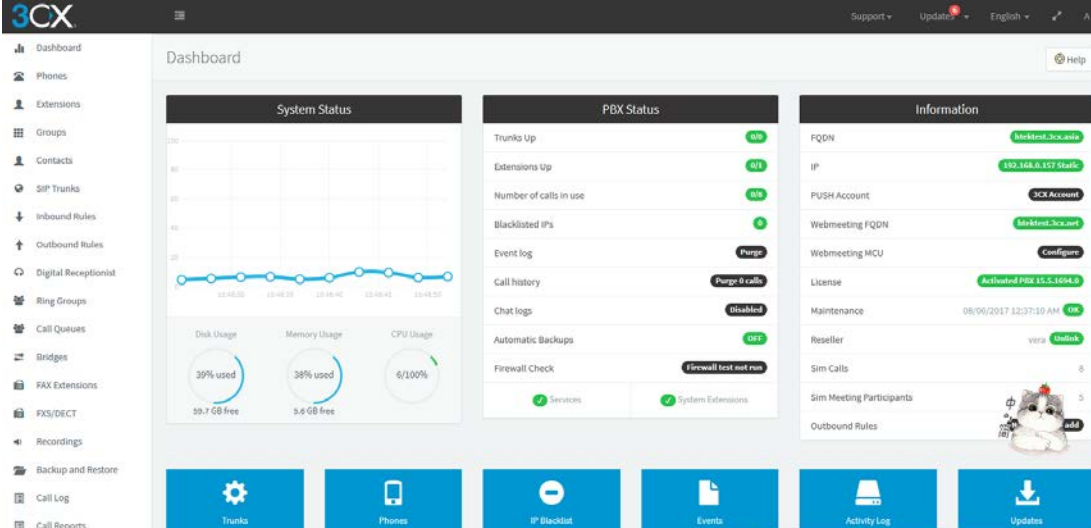
Country:

China

Reseller Name / ID:

vera

完成配置进入管理及使用界面：

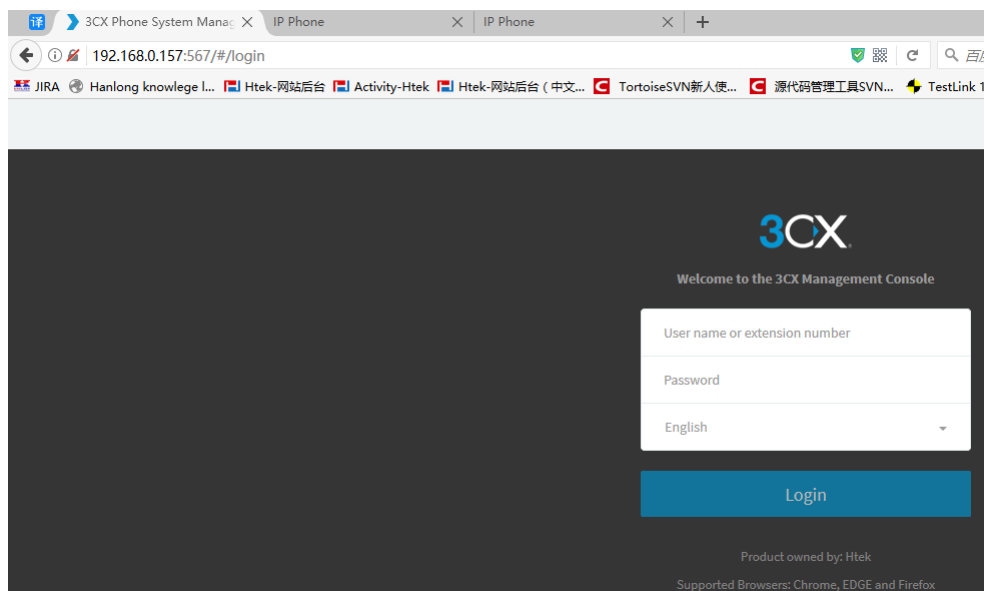


The screenshot shows the 3CX management dashboard. On the left is a sidebar menu with options like Dashboard, Phones, Extensions, Groups, Contacts, SIP Trunks, Inbound Rules, Outbound Rules, Digital Receptionist, Ring Groups, Call Queues, Bridges, FAX Extensions, FXS/DCE, Recordings, Backup and Restore, Call Log, and Call Reports. The main area is titled 'Dashboard' and contains several widgets: 'System Status' with a line graph and disk/memory/CPU usage gauges; 'PBX Status' with a list of system components and their status (e.g., Trunks Up, Extensions Up); and 'Information' with details about the FQDN, IP, PUSH Account, Webmeeting FQDN, Webmeeting MCU, License, Maintenance, Reseller, and various call statistics. At the bottom, there are buttons for Trunks, Phones, IP Blacklist, Events, Activity Log, and Updates.

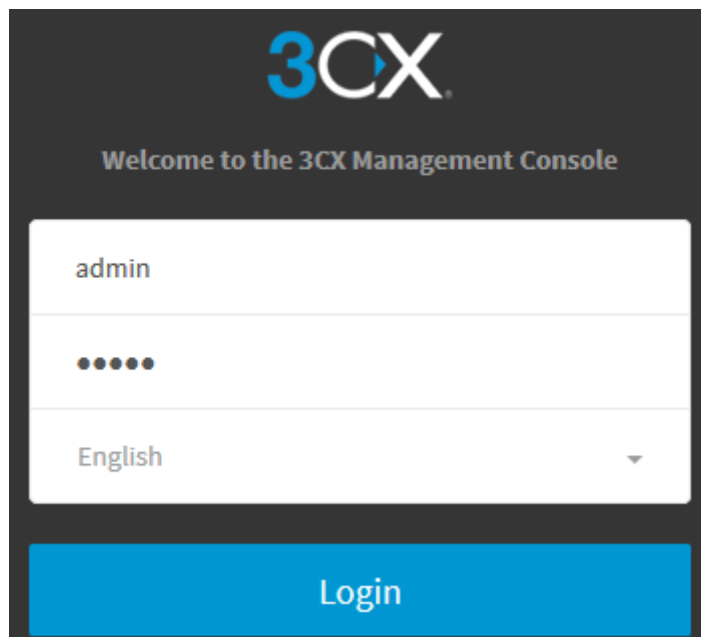
第三章 账号配置

3.1 登录 3CX 服务器

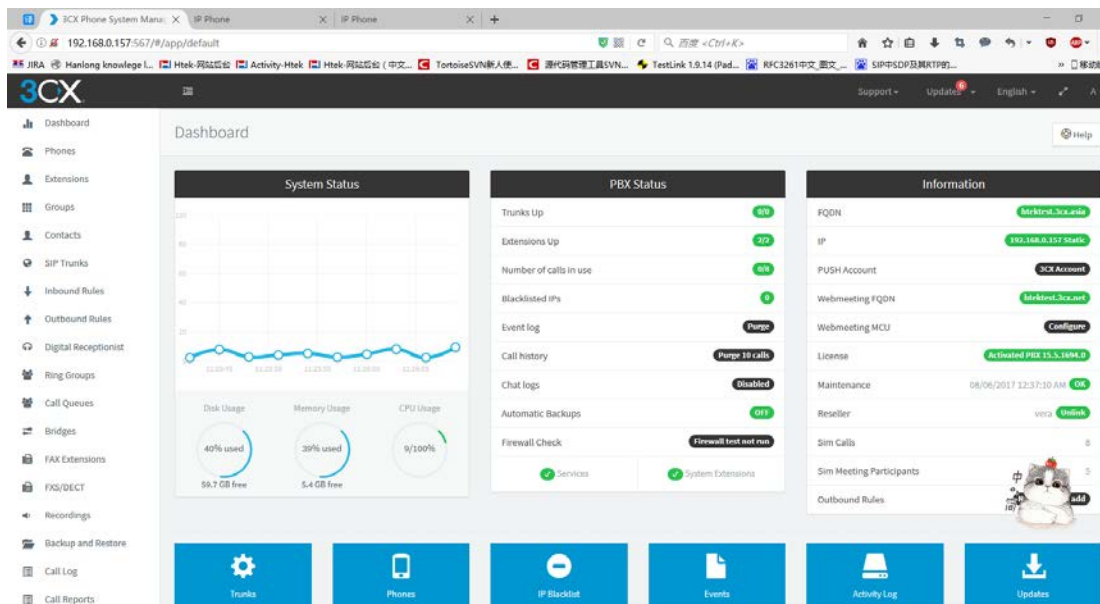
打开浏览器，输入之前配置的 IP 和 PORT: **192.168.0.157:567**，会进入服务器登录界面：



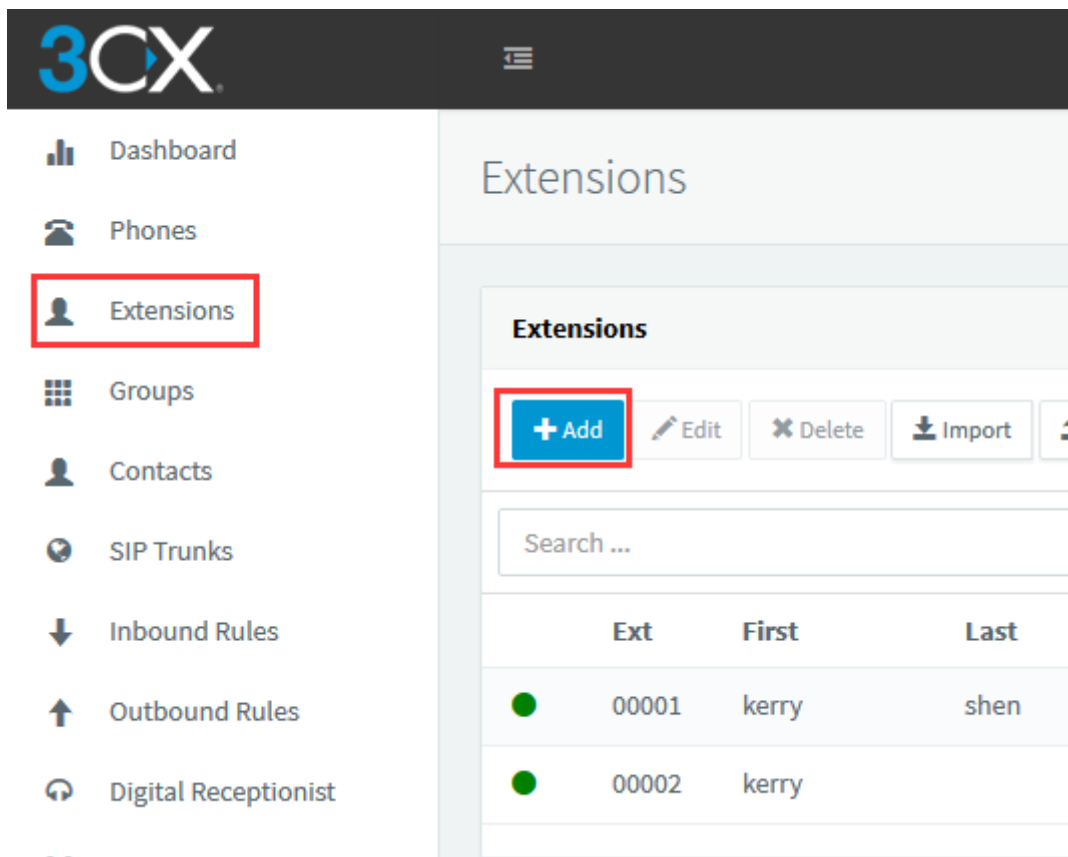
输入用户名和密码：



进入管理及使用界面：



点击 Extensions->Add



输入用户信息：

General
Voicemail
Forwarding Rules
Phone Provisioning
BLF
Options
Rights
Integration

User Information

Extension

00003

First Name

kerry

Last Name

Last Name

Email Address

Email Address

Mobile Number

Mobile Number

Outbound Caller ID

00003

输入认证 ID 和 Password:

Authentication

Authentication details used by phones & client. Reprovision after a change

ID

00003

Password

test11

点击完成，分机添加成功：

Extensions

Extensions

Add
Edit
Delete
Import
Export
Password
Regenerate
Select all
Send Welcome Email
Status

Search ...

Ext	First	Last	Email	Password	Mobile	Caller ID	Phones
00001	kerry	shen	hammershr2010@163.com	*****		00001	1
00002	kerry			*****		00002	1
00003	kerry			*****		00003	1

3.2 话机账号配置

登录话机网页：

输入 3CX 服务器地址：192.168.0.157 ；

分机信息：



The screenshot shows the Htek web interface for configuring an account. The top navigation bar includes 'Home', 'Account', 'Network', 'Function Keys', and 'Set'. The left sidebar has 'Basic', 'Codec', and 'Advanced' tabs. The 'Account' section is active, showing a dropdown for 'Account 3' and a status 'Register Failed'. The configuration fields are as follows:

Field	Value
Account Status	Register Failed
* Account Active	<input type="radio"/> No <input checked="" type="radio"/> Yes
* Primary SIP Server	192.168.0.157
Failover SIP Server	
Second Failover SipServer	
Prefer Primary SIP Server	<input checked="" type="radio"/> No <input type="radio"/> Yes
Outbound Proxy	
Backup Outbound Proxy	
* SIP Transport	<input checked="" type="radio"/> UDP <input type="radio"/> TCP <input type="radio"/> TLS
NAT Traversal	<input type="radio"/> No <input checked="" type="radio"/> No, but send keep alive <input type="radio"/> STUN
Label	
* SIP User ID	00003
* Authenticate ID	00003
* Authenticate Password	••••••••
Name	

即可完成话机账号配置。

参考文献

(无)