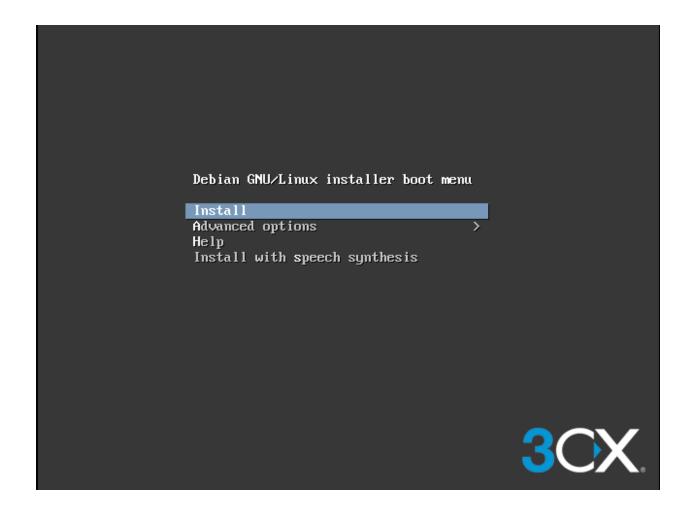
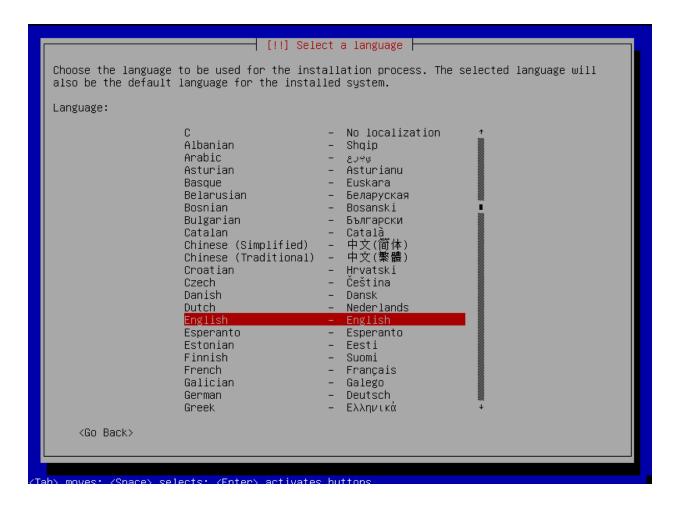
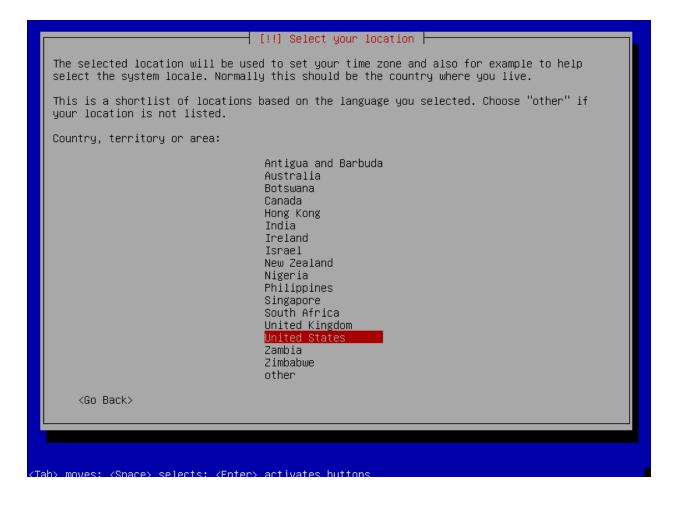
Follow the prompts below to complete an install of 3CX



[!] Configure the network Please enter the hostname for this system. The hostname is a single word that identifies your system to the network know what your hostname should be, consult your network administrator. I up your own home network, you can make something up here.	
Hostname: <mark>Bcx-sample</mark> <go back=""></go>	





ſ	
	Keymap to use:
	American English Albanian Arabic Asturian Bangladesh Belarusian Bengali Belgian Bosnian Brazilian British English Bulgarian (BDS layout) Bulgarian (BDS layout) Bugarian (bhonetic layout) Burmese Canadian French Canadian Multilingual Catalan Chinese Croatian Czech Danish Dutch Dvorak Dzongkha Esperanto Estonian *
<tab> moves; <space> selects; <f< td=""><td>nter> activates buttons</td></f<></space></tab>	nter> activates buttons

[!!] Set up users and passwords		
You need to set a password for 'root', the system administrative account. A malicious or unqualified user with root access can have disastrous results, so you should take care to choose a root password that is not easy to guess. It should not be a word found in dictionaries, or a word that could be easily associated with you.		
A good password will contain a mixture of letters, numbers and punctuation and should be changed at regular intervals.		
The root user should not have an empty password. If you leave this empty, the root account will be disabled and the system's initial user account will be given the power to become root using the "sudo" command.		
Note that you will not be able to see the password as you type it.		
Root password:		
[] Show Password in Clear		
<go back=""> <continue></continue></go>		

<Tab> moves; <Space> selects; <Enter> activates buttons

	[!!] Set up	users and pa	sswords 🗕		
lease enter the same ro	ot password ag	ain to verify	that you h	ave typed it o	correctly.
e-enter password to ver	ify:				
] Show Password in Cle	ar				
<go back=""></go>				<cont< td=""><td>tinue></td></cont<>	tinue>

<Tab> moves; <Space> selects; <Enter> activates buttons

[!] Configure the clock
If the desired time zone is not listed, then please go back to the step "Choose language" and select a country that uses the desired time zone (the country where you live or are located).
Select your time zone:
Eastern Central Mountain Pacific Alaska Hawaii Arizona East Indiana Samoa
<go back=""></go>
ab> moves; <space> selects; <enter> activates buttons</enter></space>

[!!] Partition disks			
The installer can guide you through partitioning a disk (using different standard schemes) or, if you prefer, you can do it manually. With guided partitioning you will still have a chance later to review and customise the results.			
If you choose guided partitioning for an entire disk, you will next be asked which disk should be used.			
Partitioning method:			
<mark>Guided – use entire disk</mark> Guided – use entire disk and set up LVM Guided – use entire disk and set up encrypted LVM Manual			
<go back=""></go>			

<Tab> moves: <Snare> selects: <Enter> activates huttons

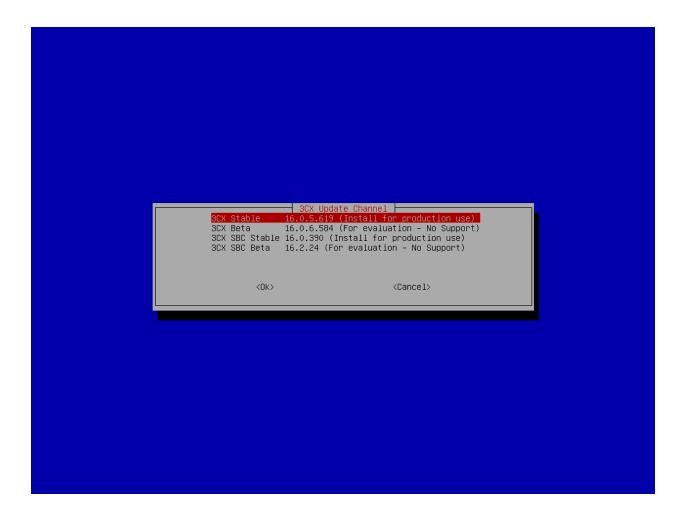
	[!!] Partition disks
Note that all o confirmed that	data on the disk you select will be erased, but not before you have you really want to make the changes.
Select disk to	partition:
<go back=""></go>	SCSI1 (0,0,0) (sda) – 10.7 GB ATA QEMU HARDDISK

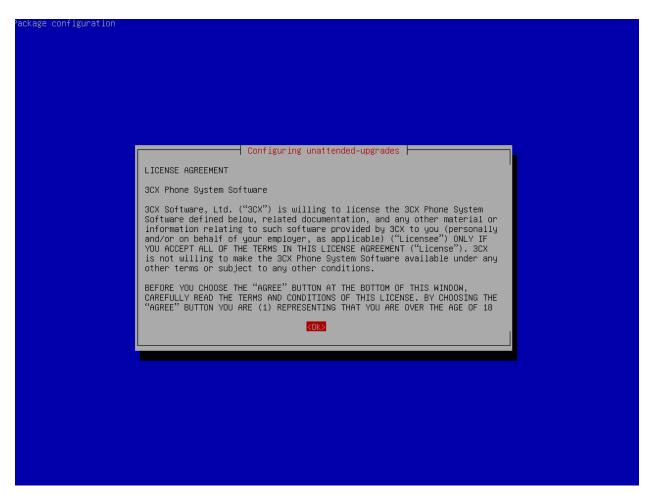
Selected for partitioning:			
SCSI1 (0,0,0) (sda) - ATA QEMU HARDDISK: 10.7 GB			
The disk can be partitioned using one of several different schemes. If you are unsure, choose the first one.			
Partitioning scheme:			
All files in one partition (recommended for new users) Separate /home partition Separate /home, /var, and /tmp partitions			
<go back=""></go>			
Tabl mouse: (Space) colocte: (Enter) activates buttons			

[!!] Partition disks This is an overview of your currently configured partitions and mount points. Select a partition to modify its settings (file system, mount point, etc.), a free space to create partitions, or a device to initialize its partition table.
Guided partitioning Configure software RAID Configure the Logical Volume Manager Configure encrypted volumes Configure iSCSI volumes
SCSI1 (0,0,0) (sda) – 10.7 GB ATA QEMU HARDDISK #1 primary 8.6 GB f ext4 / #5 logical 2.1 GB f swap swap
Undo changes to partitions Finish partitioning and write changes to disk
<go back=""></go>

<F1> for help; <Tab> moves; <Space> selects; <Enter> activates buttons

	[11]	Partition disks		
If you continue, will be able to m	the changes listed b ake further changes (elow will be writt manually.	en to the disks. (Otherwise, you
The partition tab SCSI1 (0,0,0)	les of the following (sda)	devices are chang	ed:	
partition #1 o	titions are going to f SCSI1 (0,0,0) (sda f SCSI1 (0,0,0) (sda) as ext4		
Write the changes	to disks?			
<yes></yes>				<no></no>





When you reach the page below enter "1" for using a web browser.



Navigate to the link provided in your browser to pull up the 3CX GUI.

Click the and enter your personal information to have the license key emailed.

3CX	English 🗸
Select installation type	
• Create new install of 3CX Phone System	
License key. Get your free license key from here <u>https://www.3cx.com/phone-system/download-phone-system/</u>	
Restore an existing backup configuration	
Upload a configuration setup file	
	Next→

Fill in the form and you will receive an email with your license key details and deployment options (cloud or on-premise).

Company Individual						
test company	United States					
Telephone: +1						
and the production	0-25					
Check your email (including your spam folder) to verify your email address.						
 Self host – on YOUR cloud account Zero admi 	n with automated admin tasks Smartphone Apps & Web Conferencing 					
✓ On-premise: on Windows or Linux	f security Free for up to 25 extensions, forever 					

Follow the prompts below to finish your 3CX setup

3CX	En g	glish -
Enter 3CX Management Console credentials		
Username:		
sample		
Password:		
		۲
Repeat Password:		
		۲
←Pr	ev Ne	xt→

3CX	📕 English 🗸
We detected your Public IP Address as the detected game	
Yes my public IP Address is No, I want to enter it manually	
←Pre	ev Next→

Check to see if your IP address is Static or Dynamic before making a selection

3CX
Type of Public IP Is this a STATIC IP (reliable because ISP does not change your IP) or a DYNAMIC IP (unreliable residential connection where ISP may change your IP without warning). If you are unsure ask your Internet Service Provider.
Static IP Dynamic IP
←Prev Next→
Port selection for Web services (HTTPS/HTTP) and VoIP (SIP and Tunnel) Select the ports required for the management console, web client and VoIP services. You can leave the default options or choose other ports. Not all ports are permitted and ports cannot be changed after. These ports are automatically opened on your Windows or Linux local firewalls but you will need to port forward these ports on your border firewall device. More information <u>here</u> .
Enter a FREE port for HTTPS. Recommended 443 or 5001.
Enter a FREE port for HTTP. Recommended port 80 or 5000.
5000
Enter a FREE port for the SIP server. Default 5060.
5060
Enter a FREE Tunnel Port. Default 5090.
5090
←Prev Next→
Select the default network adapter
• • • • • • • • • • • • • • • • • • •

←Prev Next→

3CX	📑 English 🗸
Extension Length Select how many digits your extensions should have. Default is 3 Digits. Note that the system reserves 30 numbers for system extension. This cann	ot be changed later.
2 Digits (00-99)	
• 3 Digits (000-999)	
4 Digits (0000-9999)	
5 Digits (00000-99999)	
	←Prev Next→
3CX	📑 English 🗸
Admin Email: Enter an Email for important system notifications such as updates, service failures, hacking attempts, network errors, emergencies and other diag	nostics.
sample@sample.com	
	←Prev Next→
3CX	English 🗸
Mail Server Configuration	
3CX requires a mail account to send notifications, invites and welcome emails	
SMTP Providers:	
3CX SMTP server	~
	←Prev Next→
	THEY NEAL-Y

3CX		English 🗸
Select Country and Time Zone		
This is important for call reporting, dialling rules, phone configuration, invites and notifications.		
Select Country:		
United States (1)		~
Set the Time Zone:		
-5:00 United States - Eastern Time		~
	←Prev	Next \rightarrow
3CX		📕 English 🗕
Operator Extension: Create an Operator Extension which will be the default destination for inbound calls. Also confirm the Voicemail Number that will allow users to re	trieve their V	oicemail.
Extension Number:		
100		
First Name:		
sample		
Last Name:		
name		
Email Address:		
sample@sample.com		
sample@sample.com Voicemail Number:		
Voicemail Number:		

	English 🛨
Countries that calls can be made to As an additional security measure, specify which countries calls can be made to.	
North America	~
South America	~
Europe	~
Asia and the Middle East	~
Africa	~
Australia	~
International Networks	~
	←Prev Next→

3CX.	📒 English 🗸
Select Language Select in which language you want to play system prompts.	
Select Language Standard English Prompts Set	~
←-F	Prev Next→

	English 🗸
Congratulations	
Your 3CX Installation 3cxpbx.nc.3cx.us is ready	
You can access the 3CX Management console here: https://2cyobycommunical or via IP: https://120.102.102.102.102.102.102.102.102.102.	
Username: planting	
Password:	
Public IP:	
FQDN: Company and Comp	
License key is: The Parket Have the	
A copy of this information has been sent to your PBX administrator's email address bandrews@questblue.com	

Enter the DNS or IP link in your web browser to login to your 3CX

Next, we will create a Registration SIP Trunk for QuestBlue:

Navigate to https://customer.questblue.com/sipaccounts/create

SIP-accounts \rightarrow Create New SIP Account				
Create new SI	P account			
Trunk name *	3CXRegSample	Enter your Trunk Name		
	Only alphanumeric value, no spaces			
Trunk Type	Trunk Registration 🗸 🗸			
	* required field			
	Create SIP account			

Navigate back to your 3CX to complete your SIP Trunk Configuration

3	CX.	亘				
di	Dashboard	SIP Trunks				
8	Phones					
1	Extensions	SIP Trunks				
	Groups	+ Add SIP Trunk		+ Add SBC	di una di	ГE
۲	SIP Trunks		+ Add gateway	T Add SBC	+ Add Bridge	2 t
ŧ	Inbound Rules	Search				

You may enter the SIP Trunk ID that's auto generated by QuestBlue when creating your SIP Trunk at customer.questblue.com

Add SIP Trunk/VoIP Provider	×
Select Country	.
Select Provider in your Country Generic SIP Trunk	~
Main Trunk No Enter SIP Trunk ID auto generated by QuestBlue	
	OK Cancel

Fill in the fields below and leave all others blank and click OK above.

Trunk Details			
Enter name for Trunk			
QuestBlue			
Registrar/Server/Gateway Hostname or IP			
128.136.235.202 Enter the IP of our SBC	5060	Auto Discovery	
Outbound Proxy			
	5060	Auto Discovery	
Number of SIM Calls			
Authentication			
Type of Authentication			
Register/Account based			~
Authentication ID (aka SIP User ID)			
3CXRegSample CTT Enter the Name of the SIP Trunk created on customer.questblue.com			
Authentication Password			
Enter the Auto-Generated Password associated with your SIP Trunk			۲
3 Way Authentication Password			

Create Outbound Rule for QuestBlue:

3		E
di	Dashboard	Outbound Rules
2	Phones	
1	Extensions	Outbound Rules
	Groups	+ Add ✓ Edit X Delete I Move Up
0	SIP Trunks	
ŧ	Inbound Rules	Search
t	Outbound Rules	Outbound Rule Name

Fill in the fields below and click OK

General									
Rule Name									
QuestBlue									
Apply this rule to these calls									
Calls to numbers starting with prefix									
Calls to numbers starting with prefix									
Calls from extension(s)									
101 Specify Extensions calls are being made from									
Calls to Numbers with a length of									
Calls to Numbers with a length of									
Calls from extension group(s)									
+ Add									
Make outbound calls on									
Configure up to 5 backup routes for outgoing calls. Each route can be configured differently									
Configure up to 5 backup routes for outgoing ca		Strip Digits		Prepend					
Route 1	QuestBlue	~	Ö	~	1				
Route 2	QuestBlue	•	1	~					
Route 3	BLOCK CALLS	•	0	~					

Creating an Inbound Route

Click on Inbound Routes > Add DID Rule

3	CX.	查				
di	Dashboard	Inbound Rules				
8	Phones					
1	Extensions	Inbound Rules				
	Groups	+ Add DID Rule + Add CID Rule				
۲	SIP Trunks					
Ŧ	Inbound Rules	Search				
1	Outbound Rules	Type Name				

Fill in the following information including the same format for the DID then set the destination for the calls to route and click ok at the top.

Add Inbound Rule Cancel	⊘ Help
General	
Name	
Name	
00/001	
111222333	
Route calls to	
Destination for calls during office hours	
Extension	~
101 Test Phone	-
Destination for calls outside office hours	
Extension	~
101 Test Phone	•
Set up Specific Office Hours for this rule	
Play holiday prompt when it's a global holiday	