Installation Document

Openpbx.io

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Requirements:-

Operating System   :- CentOS-7-x86_64-Minimal-1810

Packages & Scripts   :- Can be downloaded from the FTP path provided or can be made available
                          through external media like DVDs or USB storage devices.

Server Hardware   :- To be provided by the customer.

Network details   :- To be provided by the customer.

Infra Assistance   :- Well-managed data center / Server Room with proper Power Backup and Earthing for
                          Safety and functional purpose has to be ensured by the customer.

Internet   :- Will be required on Server machine, IP Phones and Media gateways during
                          implementation and upgradations.
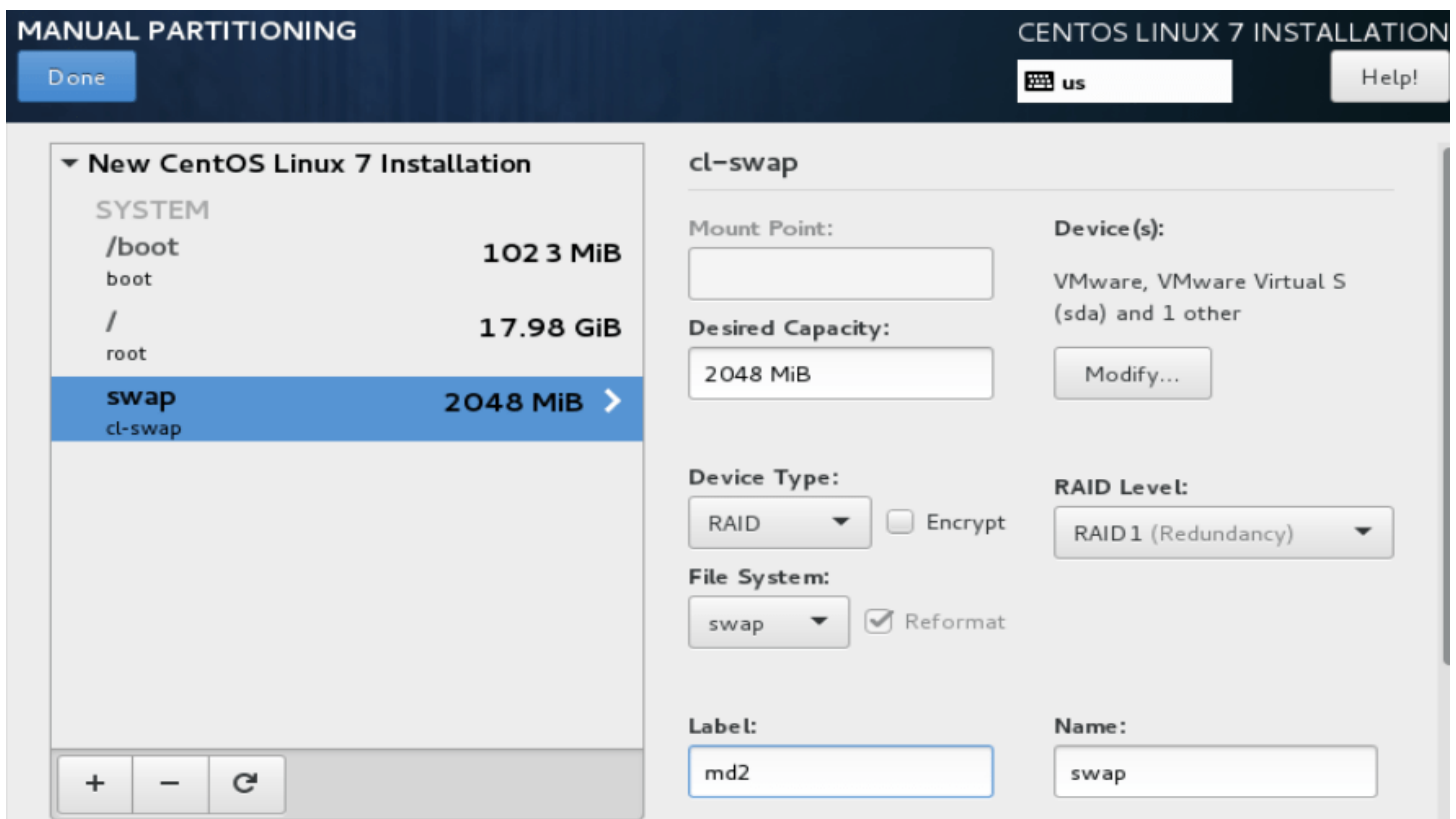
Steps for installation :-

Step 1 : Install Operating system

1. Install centos os and create manual partitions.

Partition details:-

Label	Path	Type	Size
Boot	/boot	ext4	1 GB
Swap	SWAP	-	8 GB (Or twice the RAM (whichever is lower)
Root	/	ext4	Remaining all space.

Image 1 - Partition scheme

After installation is completed login in using the username as root and password which is being set by you.

Step 2: Setting IP address

1. Run command "**nmtui**" for setting up system IP you will get a GUI on which you can set the Ip Address refer image below.

Image 2 - Network Configuration

Note:- Do all activities in screen from here.(yum install screen)

Step 3: Install Packages

1. Install wget package using the following command
   # yum install wget
2. Use command cd to navigate the path for installation.
   # cd /opt
3. Once you are in the directory check using "**pwd**" command to verify the path

Step 4: Download Packages

The packages can be either downloaded from our FTP locations or the same can be made available through portable devices like DVDs or USB storage devices.
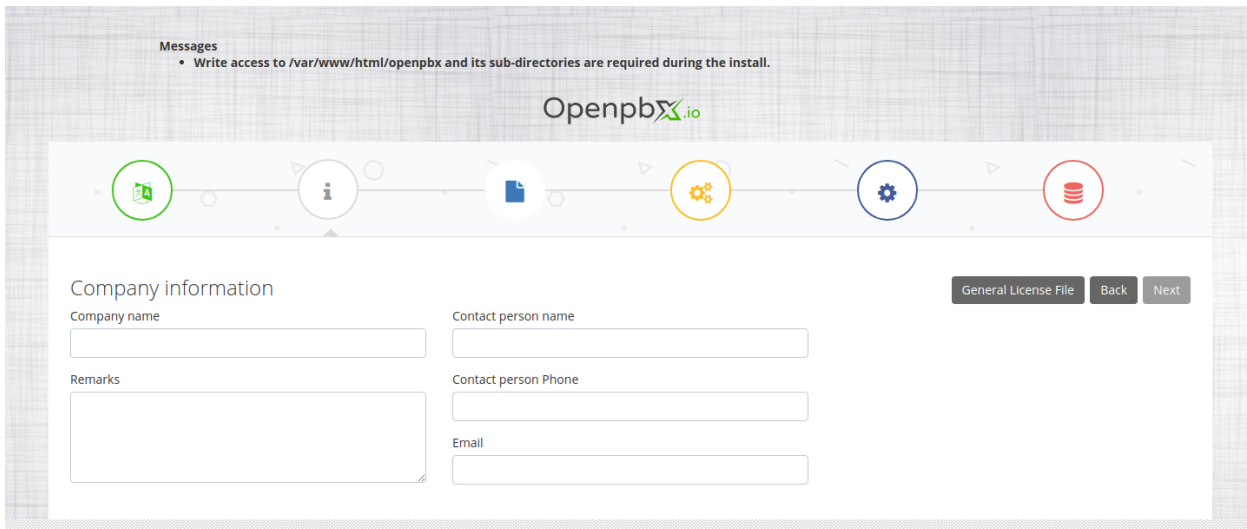
1. Download the package using the following command:-
   # wget https://43.241.61.188/intalk_packages/openpbx-setup.tar
2. Now use command "**ls**" to check the doopwnloaded file
   # ls

3. You will see a file name as openpbx-setup.tar, use command **"tar"** to unzip the. file.
   # tar -xvf openpbx-setup.tar
4. After unzipping the file you will get a folder named openpbx-setup.
5. Navigate into the folder using cd command.
   #cd openpbx-setup
6. Run the below command
   # ./openpbx_setup.sh
7. Now some steps will be performed. Wait till the script gets completed.
   (note the script may take some time to run)
8. **Reboot the machine**
9. Now you will get a message as installation is completed.
10. Once you get the message, then browse your ip over a web browser.
    Eg. 192.168.0.100/openpbx
11. Select language and continue

Step 5: License setup

1. Please enter all of the details in blank field eg.
   Company name
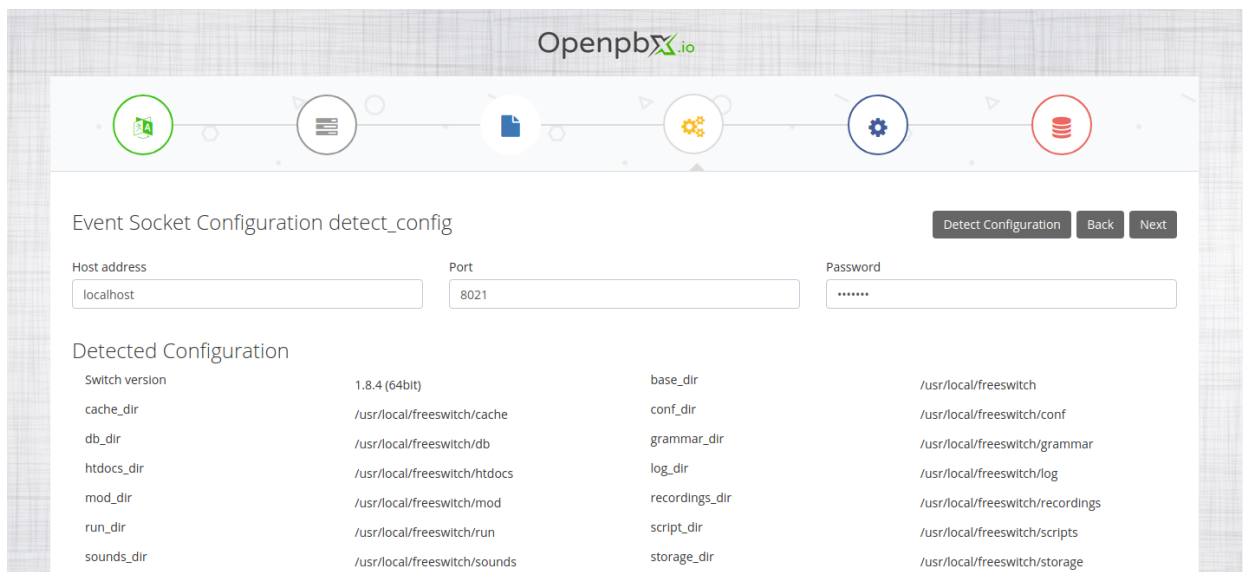   Contact person name
   Remarks
   Contact person phone
   Email
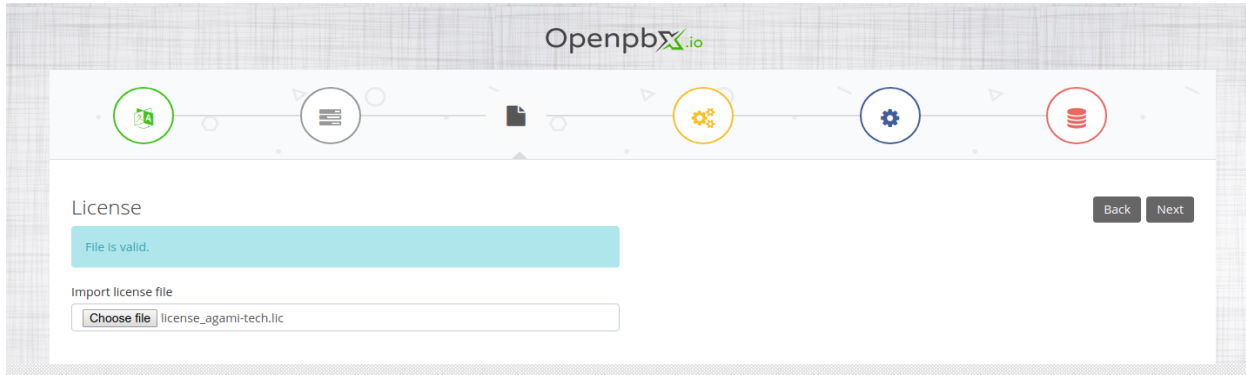
Image 3 - License Package File

2. Once you complete the above part you will get a package file.
3. Send the package file to license@agami-tech.com for getting the license for openpbx.
4. You will receive a mail containing a license file then browse the file and upload it.

Image 4 - License Upload

5. After uploading the license file you will get a default settings page, leave it as it is and go to next page.
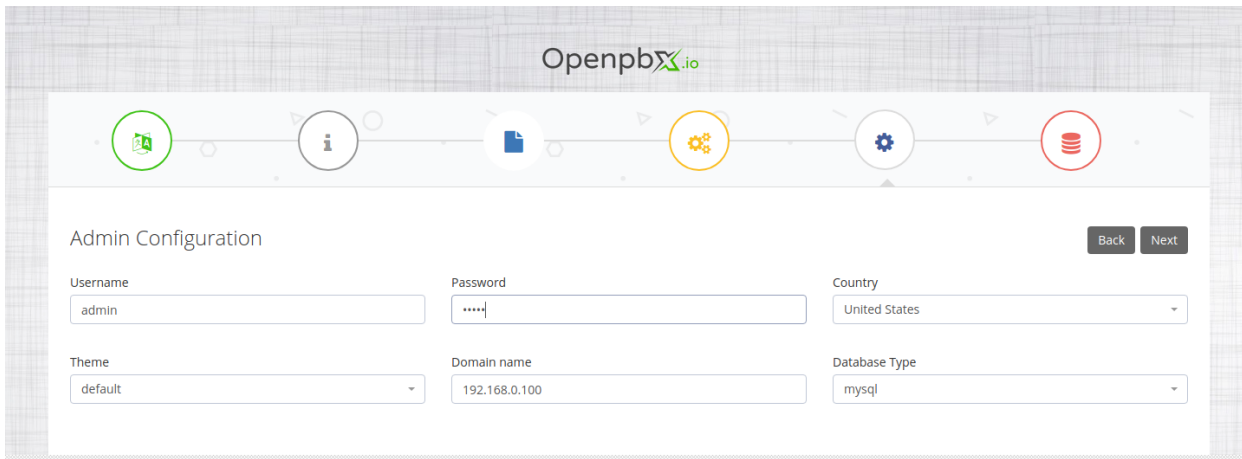
Image 5 - Default Settings

Step 6 : Login details

1. Once you complete the above step you will get a page which will include fields like username and password which will be used for logging into openpbx.
2. Create a username and password and move to the next page.

       Eg :-   Username :- admin
                   Password :- admin

Image 6 - Admin User Creation

Step 7 : Database configuration

1. After setting up the login details you will have to setup database details as follows

Database username	:-	openpbx
Database Password	:-	somepassword
Database Name	:-	openpbx
Create Database Options	:-	check it.
Create Database Username	:-	root
Create Database Password	:-	agami210

Image 8 - Database Configuration

2. Once done, you are ready to configure your Openpbx.io Setup for your Telephony needs.