Creating SSH key on your SugarCRM server

> This setup is only if you'd like your recordings stored on the remote CRM server. If you'd like them to stay on your PBX you do not have to work through this page

- **On the PBX you will need to login as root on the CLI and run:**

> ONLY RUN THE FOLLOWING ON DISTRO 6 MACHINES. DISTRO 7 MACHINE ALREADY HAVE THIS INSTALLED. RUNNING IT AGAIN WILL BREAK YOUR SYSTEM

```
yum install libssh2-devel -y
pecl install ssh2-0.13
echo "extension=ssh2.so" >> /etc/php.d/ssh2.ini
service httpd restart
```

- **Navigate the the CRM module from within your PBX under the settings section**

Settings
Advanced Settings
Asterisk IAX Settings
Asterisk Logfile Settings
Asterisk Manager Users
Asterisk SIP Settings
CRM Settings

- **Change "Recording Storage" to "CRM"**

Recording Storage ❓   [**CRM** | PBX]

- **Click "Generate new Private/Public key pair"**

Recording Storage ❓	[CRM	PBX]
SSH Username ❓	
Public Key ❓	
	Generate new Private/Public key pair Test Connection
Remote Storage Path ❓	
Copy Voicemails ❓	Yes **No**

- **Setup a Web accessible user on your remote CRM system** - Usually the Username "Apache" will do. Write the name of the remote Web user under "SSH Username". For added security you can create a user on the remote CRM that only has access to the "Remote Storage Path" you'll define later.

SSH Username ❓   apache

- **Setup the Remote Storage Path** - For security reasons this should be outside the scope of your CRM web directory. In this example we are using "/var/www/recordings". Note: the CRM Web User will need to have read access to this directory!

Remote Storage Path ❓   /var/www/recordings

- **Add Public Key to remote machine** - Now that you have a remote directory and user defined you need to add the Public Key you generated earlier to the remote user

Public Key ⊘

```
ssh-rsa
AAAAB3Nza
C5LR4Outg
mvvThnYAa
```

Generate

- **Login to the Remote machine** - Then switch to the "SSH Username" User with the command "su"

```
[root@crm1 ~]# su apache
bash-4.1$ □
```

- **Navigate to the home** - directory by running: cd "~/:

```
bash-4.1$ ls
cgi-bin  error  html  icons  recordings
```

- **Navigate to or create then navigate to the directory called ".ssh" under your home directory**

```
bash-4.1$ cd .ssh
bash-4.1$ ls
authorized_keys
```

- **Create a file called "authorized_keys"** - Add your Public Key in that file. If that file already exists just add your Key to the end of the file (make sure each key is separated by a new line!)

```
ssh-rsa AAAAB3NzaC
IL+593s+pVp4hzW8Pk



~
~
~
~
~
"authorized_keys"
```

- **Test Connection** - Before you will be able to save the page you will have to Test the connection. Click the "Test Connection" button to make sure everything works.

Test Connection

- **Copy Voicemails** - When the system detects a Voicemail has been left it will associate that voicemail with the inbound call and copy the Voicemail from your PBX to your CRM. Allowing you to play it

Copy Voicemails ⊘   Yes   No