

Instructions to run KeyTalk client on Debian 8/9, Ubuntu 16/18, RHEL 6/7 & CentOS

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If you are using fresh OS then update the Packages and initialize NSSDb:

```
$ sudo -i
# mkdir -p $HOME/.pki/nssdb ( Intialize NSSDb for browser certificate import)
# apt-get -y install libnss3-tools (For Debian & Ubuntu)
# yum -y update nss-tools (For RedHat & CentOS)
# certutil -d $HOME/.pki/nssdb -N (Leave the password blank)
# apt-get update (For Debian & Ubuntu)
# yum -y update (For RedHat & CentOS)
```

Extracting and installing from the KeyTalk Client Installer:

Note: From version 5.5.1, KeyTalk supports non-root usage of KeyTalk Client. Root privileges are only required to install and uninstall the client.

1. Get Root privileges: `sudo -i`

2. Unzip & extract the client installer using the command

```
tar -C <destination-folder-path> -pxvf
/<path-to-installer>/KeyTalkClient-
5.5.1-linux.tar
```

3. Go to the extracted directory

```
cd /<extracted-directory-path>
```

4. Refer to *KeyTalk_LinuxClient_for_Apache.pdf* for Apache certificate renewal

5. Refer to *KeyTalk_LinuxClient_for_Tomcat.pdf* for Tomcat certificate renewal

6. Run the installer as

```
./install.sh
```

Note: In case of any error like no internet connection or date/time mismatch, bash will exit 'root'. Kindly login to root again using 'sudo -i', change directory 'cd /keytalkclient-5.5.1/' and run the installer again after correction of error(s).

7. To uninstall the client, run

```
/usr/local/bin/keytalk/uninstall_keytalk
```

Note: It is not mandatory to have root privileges to execute the following commands.

8. Run `ktconfig` with the pathname of the RCCD file

```
/usr/local/bin/keytalk/ktconfig --rccd-path <rccdpath>
```

9. Run the KeyTalk client with username & password

```
/usr/local/bin/keytalk/ktclient --provider <provider_name> --  
service <service_name> --user <user_name> --password <user_password>  
--save-pfx
```

10. The certificate will get downloaded as a `.pem` file at `~/ .keytalk/keystore/` and as `.pfx` in `~/tmp/`.