

CME Public Key Installation:

Please be advised the CME uses **SSH Public Key File Format (RFC4716)**

The location of your public key should be installed to:
"YOUR_CME_SFTPNG_HOMEDIR"/.ssh/"USERNAME"

Example, where username is "USERNAME":

```
sftp> ls .ssh  
.ssh/USERNAME
```

If you already have an RFC4716 Public Key file yet installed at CME.

Here's the steps, you'll need to update the Public Key named "USERNAME" at CME:

1. Sftp to the site
2. Run the command, sftp> get .ssh/"USERNAME" where "USERNAME" is your login name.
3. Append new key(s) to the Public key file.
4. Put the key file up, sftp> put .ssh/"USERNAME" where "USERNAME" is your login name.

If you don't have an RFC4716 Public Key file yet installed at CME.

Here are the steps, you'll need to have the Public Key file named "USERNAME" which contains the keys in the local directory on your source host in order for these steps to work:

1. ssh-keygen -t rsa -b 2048 -f id_rsa -N "" && ssh-keygen -e -f id_rsa > USERNAME
2. sftp to the site
3. Put the key file up, sftp> put .ssh/"USERNAME" where "USERNAME" is your login name.

NIST expects that a 2048 key size will be secure until 2030

(<http://csrc.nist.gov/publications/nistpubs/800-131A/sp800-131A.pdf>). You can opt for 4096, but it is not required.

More about RFC 4716 <https://tools.ietf.org/html/rfc4716>