

Installing RapidSSL Certificate on Zimbra FOSS Version 8

Following these instructions we will apply a commercial certificate from RapidSSL to the Zimbra Collaboration Server. This will allow the server to be secure without the warnings of the Self-Signed Certificate.

Legend:

Command to Type

[Key] on Keyboard

1. Create the Key file by issuing the following command. When running the command, OpenSSL will ask for a pass phrase that you will need to type in twice. When the pass phrase has been verified, the key file will be created.
 - a. **openssl genrsa -des3 -out zimbraserverprivate.key 2048** [Enter]
2. Remove the pass phrase which was created in the previous step by issuing the following command
 - a. **openssl rsa -in zimbraserverprivate.key -out commercial.key** [Enter]
3. Create a new CSR (Certificate Signing Request) and fill in the details to match your zimbra server
 - a. **openssl req -new -key commercial.key -out zimbra.domain.csr** [Enter]
 - b. Enter Country Name in 2 Letter Code. US = United States and then [Enter]
 - c. Enter State or Province Name as Full Name Example: Indiana [Enter]
 - d. Enter Locality Name (City) as Full Name Example Mishawaka [Enter]
 - e. Enter Organization Name Example: Northern Indiana Educational Services Center [Enter]
 - f. Enter Organizational Unit Example: Zimbra Collaboration Server [Enter]
 - g. Enter Common Name Example: zimbra.niesc.k12.in.us [Enter]
 - i. (Must be fully qualified domain name)
 - h. Enter Email Address [Enter]
 - i. Press [Enter] on a Challenge Password
 - j. Press [Enter] on an Optional Company Name
4. To check your certificate signing request to make sure everything has been entered correctly
 - a. **openssl req -noout -text -in zimbra.domain.csr** [Enter]

You will need to submit the zimbra.domain.csr to the company that is creating your ssl certificate. For this Documentation, I am using my own reseller account with TheSSLStore.com to generate all of the certificates that I use on current and future servers. If you are in need of an SSL certificate you can contact me for latest pricing information. TheSSLStore.com will issue a series of email messages for approval of generating the certificate. One the user reads the email and clicks the I Approve link a new email will be received that will contain the ssl certificate.

1. Save the SSL certificate from the email and place it on your server. The way I perform this action is to copy the certificate including the -----BEGIN CERTIFICATE----- through to -----END CERTIFICATE----- and paste it into the terminal window of the server I am currently working on. I then name this file as the fully qualified domain name of the website with a .crt extension
2. Copy the commercial.key file from step 2A above to the proper directory on the zimbra server
 - a. **cp commercial.key /opt/zimbra/ssl/zimbra/commercial/commercial.key** [Enter]
3. Run command to verify the certificate

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- a. `/opt/zimbra/bin/zmcertmgr verifycrt comm /opt/zimbra/ssl/zimbra/commercial/commercial.key zimbra.domain.crt GeoTrust_Global_CA.cer` [Enter]
- b. The GeoTrust_Global_CA.cer file can be acquired by visiting the following website address
 - i. `wget http://www.yourcpro.com/RapidSSL/GeoTrust_Global_CA.txt` [Enter]
 - ii. Rename the file from .txt to .cer
4. Deploy your Commercial Certificate with the following command
 - a. `/opt/zimbra/bin/zmcertmgr deploycrt comm zimbra.domain.crt GeoTrust_Global_CA.cer` [Enter]
5. Restart Zimbra Server with the following command
 - a. `service zimbra restart`