

# SSL Certificate – Zimbra

## Installation Guide

# How to Install SSL Certificate on Zimbra version 5, 6, 7 & 8 Server

## Step 1: Obtain the SSL Certificate

1. Download the server certificate and Intermediate CA certificate
  1. [Symantec Trust Center Enterprise](#). Please select "**Other**" as the server platform. You will receive the server certificate and Intermediate CA certificate with a .ZIP file.
  2. [Symantec Trust Center](#). Please select "**Other**" as the server platform. You will receive the server certificate and Intermediate CA certificate with a .ZIP file.
  3. [Certificates purchased through Partners](#). Please select "**X.509**" as the format and also download the **Additional Certificate** as this is the Intermediate CA.

To install the SSL Certificate on Zimbra server, perform one of the following methods:

**Method 1. Install the SSL certificate using Command Line Interface (CLI)**

### Step 1. Download the Symantec Root CA

1. [Download the Symantec Root CA certificate](#). Save Root CA certificate file (e.g. `/tmp/ca.crt`)
2. Move the Intermediate and Root certificates to the same directory. (e.g. `/tmp/ca_intermediate.crt`)
3. Combine Root and Intermediate CA files into a temporary file using `cat` command

```
cat /tmp/ca.crt /tmp/Intermediate_CA.crt > /tmp/ca_chain.crt
```

### Step 2. Install the SSL Certificate

1. Verify the ssl certificate with the following `zmcertmgr` command

```
/opt/zimbra/bin/zmcertmgr verifycert comm  
/opt/zimbra/ssl/zimbra/commercial/commercial.key /tmp/commercial.crt  
/tmp/ca_chain.crt  
**Verifying /tmp/commercial.crt against  
/opt/zimbra/ssl/zimbra/commercial/commercial.key  
Certificate (/tmp/commercial.crt) and private key
```

```
(/opt/zimbra/ssl/zimbra/commercial/commercial.key) match.
```

```
Valid Certificate: /tmp/commercial.crt: OK
```

**NOTE:** The private key (e.g. **/opt/zimbra/ssl/zimbra/commercial/commercial.key**) is created on the Zimbra server.

If the private key no longer exist on the server, a new CSR will have to be generated and submit a certificate replacement.

- [Generate a CSR on Zimbra server](#)
  - Replace the certificate
    - [Symantec Trust Center Enterprise](#)
    - [Symantec Trust Center](#)
    - [Certificates purchased though Partners.](#)
2. To deploy the ssl certificate, run the following **zmcertmgr** command.

```
/opt/zimbra/bin/zmcertmgr deploycert comm /tmp/commercial.crt /tmp/ca_chain.crt **  
Verifying /tmp/commercial.crt against  
/opt/zimbra/ssl/zimbra/commercial/commercial.key  
Certificate (/tmp/commercial.crt) and private key  
(/opt/zimbra/ssl/zimbra/commercial/commercial.key) match.  
Valid Certificate: /tmp/commercial.crt: OK  
**Copying commercial.crt to /opt/zimbra/ssl/zimbra/commercial/commercial.crt  
**Appending ca chain /tmp/ca_chain.crt to  
/opt/zimbra/ssl/zimbra/commercial/commercial.crt  
**Saving server config key zimbraSSLCertificate...done.  
**Saving server config key zimbraSSLPrivateKey...done.  
**Installing mta certificate and key...done.  
**Installing slapd certificate and key...done.  
**Installing proxy certificate and key...done.  
**Creating pkcs12 file /opt/zimbra/ssl/zimbra/jetty.pkcs12...done.  
**Creating keystore file /opt/zimbra/mailbox/etc/keystore...done.  
**Installing CA to /opt/zimbra/conf/ca...done.
```

3. To verify if the ssl certificate has been successfully deployed. Run the following **zmcertmgr** command.

```
/opt/zimbra/bin/zmcertmgr viewdeployedcrt
```

For more information on Zimbra server using CLI commands [click here](#).

## Method 2 Install the SSL Certificate through the Admin Console

1. [Download the Symantec Root Certificate Authority \(CA\) Certificate](#) and save the file as **root.ca** file in Notepad.
2. Download the server certificate and Intermediate CA certificate
  1. [Symantec Trust Center Enterprise](#). Please select "**Other**" as the server platform. You will receive the server certificate and Intermediate CA certificate with a .ZIP file.
  2. [Symantec Trust Center](#). Please select "**Other**" as the server platform. You will receive the server certificate and Intermediate CA certificate with a .ZIP file.
  3. [Certificates purchased through Partners](#). Please select "**X.509**" as the format and also download the **Additional Certificate** as this is the Intermediate CA.
3. Go back to **Admin Console** and launch the **Install Certificate wizard**, choose the Install the commercially signed certificate.  
When you are prompted to upload the certificate, select **ssl\_certificate.crt** as Certificate, **root.ca** as Root CA, and **Intermediate\_CA.crt** as Intermediate CA.
4. Click Next then Install. Your Commercial Certificate will be installed successfully.
5. Restart the Zimbra server.

Verify your installation with the [Symantec Crypto Report](#).