**CSR Template**

**CSR Field Explanation:**

|  |  |  |
| --- | --- | --- |
| **Name (DN)** | **Explanation** | **Examples** |
| Common Name (CN) | The fully qualified domain name (FQDN) of your server. This must match exactly what you type in your web browser or you will receive a name mismatch error. | \*.google.com mail.google.com |
| Organization (O) | The legal name of your organization. This should not be abbreviated and should include suffixes such as Inc, Corp, or LLC. | Google Inc. |
| Organizational Unit (OU) | The division of your organization handling the certificate. | Information Technology IT Department |
| City/Locality (L) | The city where your organization is located. | Mountain View |
| State/County/Region (S) | The state/region where your organization is located. This shouldn't be abbreviated. | California |
| Country ( C ) | The two-letter ISO code for the country where your organization is location. | US GB |
|
| Email address (Optional) **\*** | An email address used to contact your organization. | [webmaster@google.com](mailto:webmaster@google.com) |

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| Organization (O) |  |
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| City/Locality (L) |  |
| State/County/Region (S) |  |
| Country ( C ) |  |
| Email address (Optional) \* |  |

Notes:

* Bundle .CRT contain: server.crt + matching root/intermediate certificate.
* Certificate should be in crt/pam format for Apache/Nginx servers.

**Generate a CSR and private key:**

#>openssl req -new -newkey rsa:2048 -nodes -out <servername>.csr -keyout <servername>.key

2 files will be created:

* <servername>.csr  → will be sent to the Custmer in order to recieve a \*.crt file
* <servername>.key → must be kept and put with the given crt file from customer.