**Certificate\_generation\_commands\_openssl**

* Certificate Type:- SHA1ECDSA

To generate private key:-

openssl ecparam –name secp521r1 –genkey –out private-key\_secp521r1.pem

To generate server certificate:-

openssl req –new –x509 –key private-key\_secp521r1.pem –out server\_cert\_secp521r1\_sha256.pem –days 730

* Certificate Type:- SHA256ECDSA

To generate server certificate:-

openssl req –new –x509 –sha256 –key private-key\_secp521r1.pem –out server\_cert\_secp521r1\_sha256.pem

–days 730

References:- <http://www.guyrutenberg.com/2013/12/28/creating-self-signed-ecdsa-ssl-certificate-using-openssl/>