

5.2.3 Access to SSL/TLS MQTT server (verify server and client)

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//Access to SSL/TLS MQTT server (verify server and client).
AT+CSSLCFG="sslversion",0,4           Set the SSL version of the first SSL context
OK
AT+CSSLCFG="authmode",0,2             Set the authentication mode(verify server and
OK                                     client) of the first SSL context
AT+CSSLCFG="cacert",0,"ca_cert.pem"   Set the server root CA of the first SSL context
OK
AT+CSSLCFG="clientcert",0,"cert.pem"  Set the client certificate of the first SSL context
OK
AT+CSSLCFG="clientkey",0,"key_cert.pem" Set the client key of the first SSL context
OK
AT+CMQTTSTART                         start MQTT service, activate PDP context
OK

+CMQTTSTART: 0
AT+CMQTTACCQ=0,"client test0",1       Acquire one client which will connect to a SSL/TLS
OK                                     MQTT server
AT+CMQTTSSLCFG=0,0                   Set the first SSL context to be used in the SSL
OK                                     connection
AT+CMQTTWILLTOPIC=0,10               Set the will topic for the CONNECT message
>0123456789

OK
AT+CMQTTWILLMSG=0,6,1                Set the will message for the CONNECT message
>qwerty

OK
AT+CMQTTCONNECT=0,"tcp://hooleeping.co Connect to a MQTT server
m:8883",60,1
OK

+CMQTTCONNECT: 0,0
AT+CMQTTTOPIC=0,13                   Set the topic for the PUBLISH message
>ddrrrrggghhkhk

OK
AT+CMQTTPAYLOAD=0,60                 Set the payload for the PUBLISH message
>01234567890123456789012345678901234567
8901234567890123456789

OK
AT+CMQTTTPUB=0,1,60                  Publish a message
OK
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+CMQTT PUB: 0,0 AT+CMQTT SUBTOPIC=0,9,1 >123456789	Set one topic for the SUBSCRIBE message
OK AT+CMQTT SUB=0 OK	Subscribe a message
+CMQTT SUB: 0,0 AT+CMQTT SUB=0,9,1 >simcommsg OK	Subscribe one topic from the server
+CMQTT SUB: 0,0 AT+CMQTT UNSUB=0,9,0 >simcommsg OK	Unsubscribe one topic from the server
+CMQTT UNSUB: 0,0 AT+CMQTT DISC=0,120 OK	Disconnect from server
+CMQTT DISC: 0,0 AT+CMQTT REL=0 OK AT+CMQTT STOP OK	Release the client Stop MQTT Service
+CMQTT STOP: 0	