

SSL Certificate failed with MySQL SSL

487 admin January 10, 2025 [Common Errors & Troubleshooting](#) 10009



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Troubleshooting SSL Certificate Verification Failures in MySQL

Overview: This article provides guidance on troubleshooting SSL certificate verification failures in MySQL, covering certificate verification, SSL/TLS configuration, and credential validation.

Note: This operation can only be performed through backend (ezsh shell) with root access to the gateway server.

```
~# mysql -u ezlogin_cxn -p -h 192.168.56.124 --ssl-ca=/etc/certs/ca.pem --ssl-cert=/etc/certs/client-  
cert.pem --ssl-key=/etc/certs/client-key.pem  
Enter password:  
ERROR 2026 (HY000): SSL connection error: error:14090086:SSL  
routines:ssl3_get_server_certificate:certificate verify failed
```

Step 1. If you are getting the above error check and verify the generated certificates by the following command:

```
[root@gateway ~]# openssl verify -CAfile ca.pem server-cert.pem
client-cert.pem
server-cert.pem: OK
client-cert.pem: OK
```

Step 2. Make sure that the **Common Name value** used for the server and client certificates/keys should differ from the Common Name value used for the CA Certificate.

Step 3. Check the state of the SSL/TLS variables by typing:

```
mysql> SHOW VARIABLES LIKE '%ssl%';
```

Output

Variable_name	Value
have_openssl	YES
have_ssl	YES
ssl_ca	Ca.pem
ssl_capath	
ssl_cert	server-cert.pem
ssl_cipher	
ssl_crl	
ssl_crlpath	
ssl_key	server-key.pem

```
+-----+-----+
9 rows in set (0.01 sec)
```

Step 4. Make sure that you have used your Ezeelogin database username, hostname, and password in the below command:

```
:~# mysql -u ezlogin_xxxx -p -h 10.11.1.11 --ssl-ca=/etc/certs/ca.pem
--ssl-cert=/etc/certs/client-cert.pem --ssl-key=/etc/certs/client-
key.pem
```

Replace **ezlogin_xxxx** with your Ezeelogin database username.

Ezeelogin database credentials such as db_name, db_username & db_password will be displayed on installation screen[reviewsettings] or you can refer the [article to retrieve Ezeelogin database credentials](#).

Related Articles:

[Troubleshooting MYSQL SSL in slave node.](#)

[Install Ezeelogin with Mysql SSL.](#)

[Basic Mysql commands to troubleshoot database-related issues.](#)

Online URL: <https://www.ezeelogin.com/kb/article/ssl-certificate-failed-with-mysql-ssl-487.html>