

SSL Certificate failed with MySQL SSL

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Troubleshooting SSL Certificate Verification Failures in MySQL

Overview: This article describes how to troubleshoot SSL certificate verification failures in MySQL, including certificate verification, [SSL/TLS](#) settings, and credential checks.

```
~# 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
```

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
```

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.

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)
```

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>