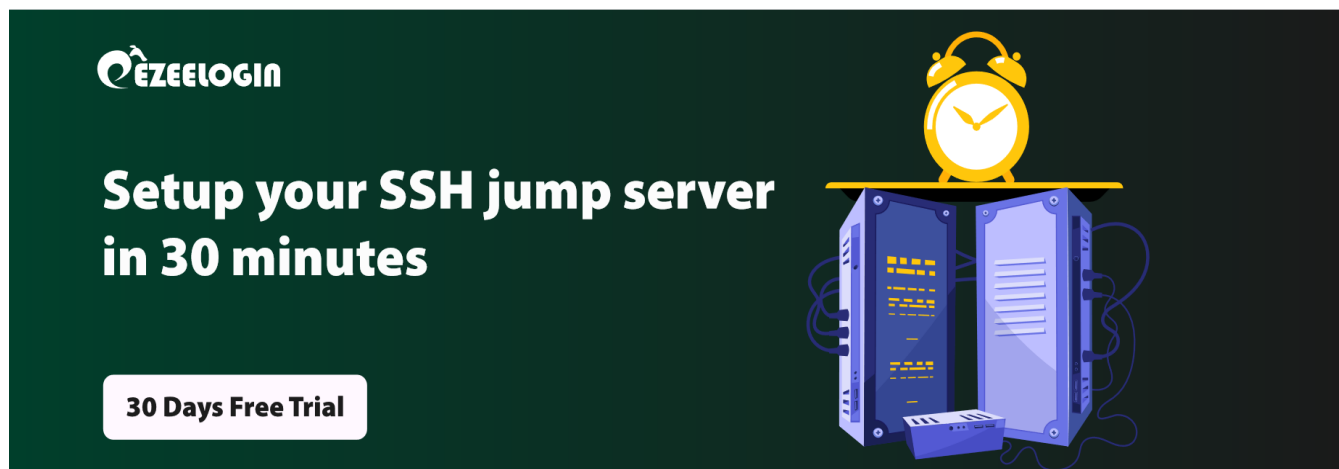


# SSL Certificate failed with MySQL SSL

487 admin January 10, 2025 [Common Errors & Troubleshooting](#) 12603



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## Troubleshooting SSL Certificate Verification Failures in MySQL

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**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>