Always Encrypted - Type Mismatch Error

Last updated by | Soma Jagadeesh | Jan 10, 2021 at 11:16 PM PST
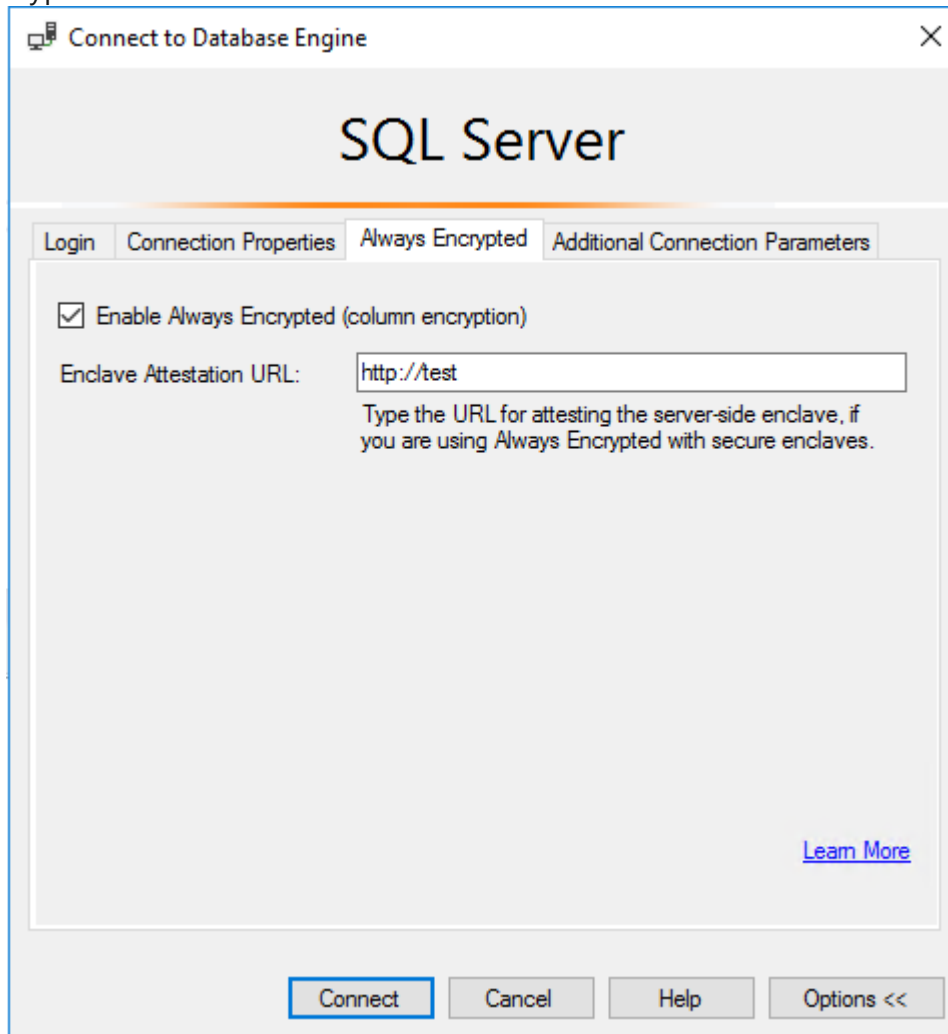
Contents

Issue /Analysis

- A common issue when running Always Encrypted SQL commands are type mismatch errors.
- These errors take the form of:
  Encryption scheme mismatch for columns/variables %.*ls. The encryption scheme for the columns/variables is %ls and the expression near line '%d' expects it to be %ls.

Mitigation

1. There are multiple reasons for hitting this kind of error.

- The query is attempting to use a SQL command not supported by Always Encrypted. See the Operations section for details.

2. Always Encrypted is not enabled on the connection. Make sure that AE is enabled and the attestation url is

specified.

3. When using SSMS ensure that auto parameterization is enabled in the query window. To do so go to Query > Query Options > Execution > Advanced > Enable Parameterization for Always Encrypted.
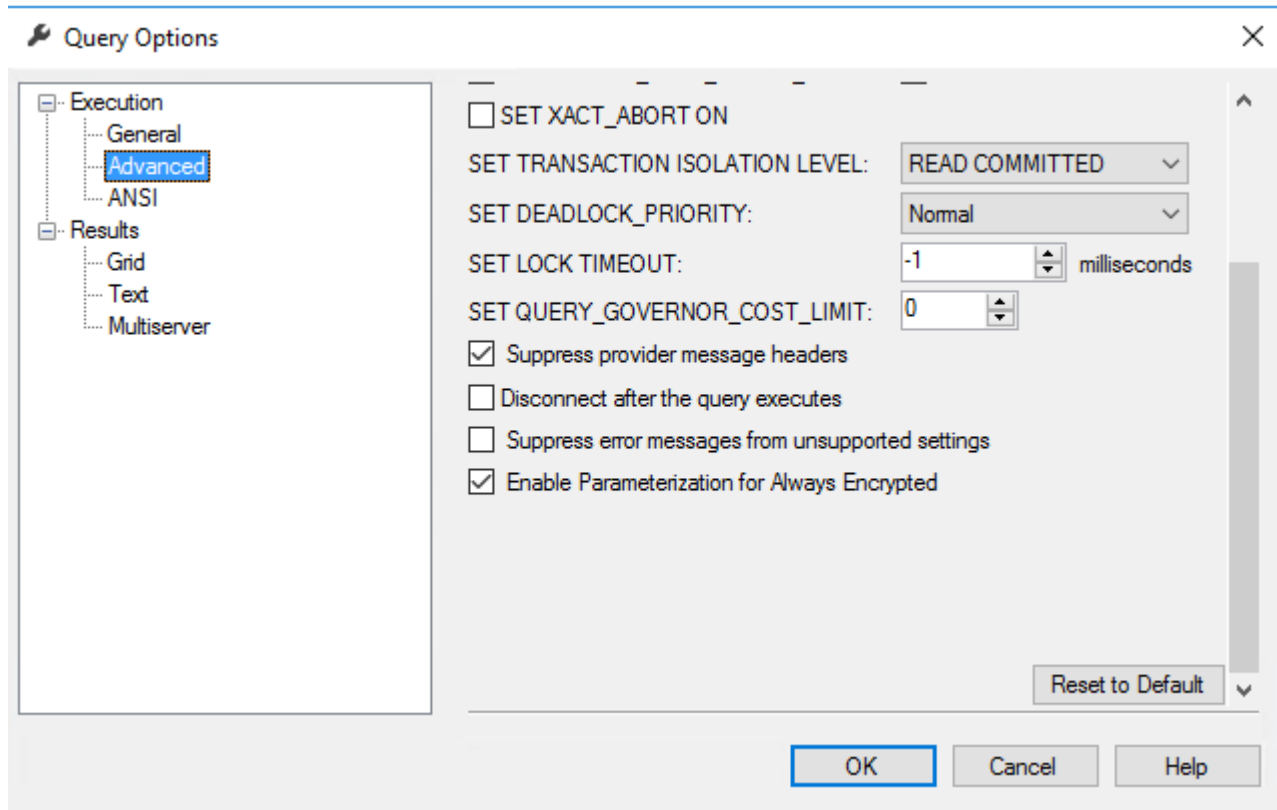
How good have you found this content?