Error 18456, State 58

Last updated by | Keith Elmore | Apr 20, 2021 at 8:58 AM PDT

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Issue

Despite the state 58 usually means that SQL Server is set to use Windows Authentication only, and a client attempts to log in using SQL authentication, we see this error in SQL Managed Instance mostly when the provided login contains an empty username.
Another possible cause is when SIDs do not match.

Troubleshoot

Using Azure support center

ASC Insight

We don't have insight for this issue now.

Using Kusto

In MonLogin you see error 18456 and state 58.

```
MonLogin
| where originalEventTimestamp >= datetime({StartTime}) and originalEventTimestamp <= datetime({EndTime})
| where logical_server_name == '{ServerName}'
| where database_name =~ '{DatabaseName}'
| where event == 'process_login_finish' and error == 18456 and ['state'] == 58
| limit 1000
```

RCA Template

Summary of Impact : Between *<Starttime>* and *<EndTime>*, connection attempts to your database *<Database Name>* have failed with error 18456 and state 58.

Root Cause : The error returned indicated that the corresponding login contains either an empty username or password. Retry the login entering both username and password.

Please note that Windows Authentication is not supported (i.e: integrated security).

SQL authentication and [Azure Active Directory Authentication](#) are supported.

Classification

Cases resolved by this TSG should be coded to the following root cause:
Root Cause: Azure SQL DB v2\Connectivity\Login Errors\Bad username / password

How good have you found this content?