Error 18456, State 122

Last updated by | Mustafa Ashour | Mar 13, 2023 at 8:53 AM PDT
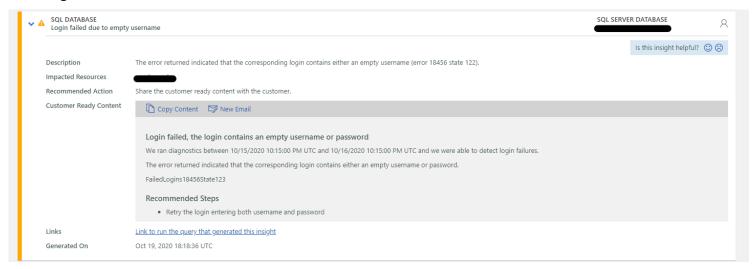
Contents

Issue

Login failed because the provided login contains an empty username.

Investigation/Analysis

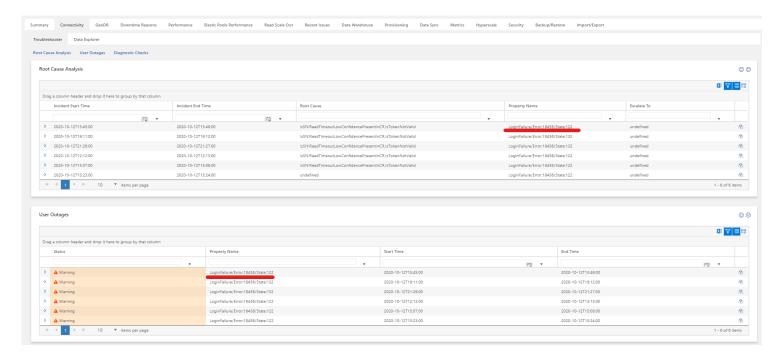### Using Azure support center (ASC)

We can detect this issue in Azure Support center tool, to generate insight with impact timeframe along with CSS & customer ready content to use and share with customer for handling this issue.

ASC Insight

SQL Troubleshooter

After generating the ASC report, choose Connectivity Tab, you will see the issue is detected.

Using Kusto

In MonLogin, you will see error 18456 and state 122, 123 or 124.

```
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
| where ['state'] == 122 or ['state'] == 123 or ['state'] == 124
| limit 1000
```

Mitigation

Retry login by entering both username and password.

RCA Template

Summary of Impact: Between *<StartTime>* and *<EndTime>*, connection attempts to your database *<Database Name>* have failed with error 18456 and state 122.

Root Cause: The error returned is indicating that the corresponding login contains either an empty username or password.

Mitigation: Retry login by entering both username and password.

More Information

- Please note that Windows Authentication is not supported (i.e: integrated security).
- SQL authentication and [Azure Active Directory Authentication](#) ⬀ are supported.

- Other states for same error are 123 or 124.

Public Doc Reference

[MSSQLSERVER_18456](#) ↗.

Internal Reference

- [Error 18456_state 123](#).
- [Error 18456_state 124](#).

Root Cause Classification

Cases resolved by this TSG should be coded to the following root cause:
Root Cause: Azure SQL DB v3\Connectivity\Login Errors\Bad username/password

How good have you found this content?