Error 17900 - State 25 - A network error occurred in the connection has been closed

Last updated by | Vitor Tomaz | Dec 15, 2021 at 2:17 AM PST

- **Error message: Error: 17900 - State 25 - A network error occurred in the established connection; the connection has been closed**

- **Explanation:** This error message occurs when the client application logs out of the application, after an idle/running status , caused by a customer error without generating a command timeout. Another reason could be **A network error occurred in the established connection; the connection has been closed.**

- **Troubleshooting**

  - Review the connection Id from customer side using connection_peer_id. You could see the connection established and two or three lines the event process_close_connection in the Kusto Table.

    ```
    MonLogin
    | where TIMESTAMP >=  datetime(2016-07-29 07:50:00Z)
    | where TIMESTAMP <=  datetime(2016-07-29 09:50:00Z)
    | where logical_server_name == "servername"
    | where connection_peer_id == "connectionId"
    ```

  - You could observe the column: is_normal_logout and batch_state for more information.

- **Recommended steps for customer to mitigate:**

  - Try connecting to the database using a different machine to help eliminate the possibility of it being a machine-specific issue
  - Connect to the database from a different network to resolve if this is network-related
  - [Azure SQL Connectivity Checker](#)
  - Contact your network adminstrator to further investigate the issue at your end

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