

# Go tcp client ☐☐ ☐☐

```
func SendCloudWatch(cloudwatch model.AwsRdsCloudWatch) {  
    // ... ☐☐  
  
    ☐conn, err := net.Dial("tcp", fmt.Sprintf("%s:%s", host, portStr))  
    ☐if err != nil {  
        ☐☐logger.Error("Failed to connect to TCP server:", err)  
        ☐☐return  
    ☐}  
    ☐defer conn.Close()  
  
    ☐if err := send(conn, data.ToByteArray()); err != nil {  
        ☐☐logger.Error("Failed to send data:", err)  
    ☐}  
}
```

“ [defer](#) ☐☐☐☐ ☐☐.

```
func send(conn net.Conn, data []byte) error {  
    ☐const writeTimeout = 5 * time.Second  
    ☐totalBytesSent := 0  
  
    ☐for totalBytesSent < len(data) {  
        ☐☐writeDeadline := time.Now().Add(writeTimeout)  
        ☐☐if err := conn.SetWriteDeadline(writeDeadline); err != nil {  
            ☐☐☐return fmt.Errorf("failed to set write deadline: %v", err)  
        ☐☐}  
        ☐☐bytesSent, err := conn.Write(data[totalBytesSent:])  
        ☐☐if err != nil {  
            ☐☐☐return fmt.Errorf("failed to send data: %v", err)  
        ☐☐}  
        ☐☐totalBytesSent += bytesSent  
    ☐}  
    ☐return nil
```

}

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