# **Verify Dropped Connection Reasons**

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## Verify Dropped Connection Reasons

Thursday, February 6, 2020 1:36 PM

- 1. Check ASC for critical Insights
- 2. Check Monlogin tab for trends and erros

#### **Monlogin Trend**

This will summaries the login trends per error/state with the count, this is very good to show you an overview for the connectivity trend and will help you understand what each error mean, visit this to compare error and state with the reason MonLogin

```
where (logical_server_name =~ "{ServerName}" )
where TIMESTAMP >= ago(7d)
where event == "process_login_finish"
project originalEventTimestamp , database_name , AppName , MachineName , package , event, error , state,
is_user_error , peer_address, kill_reason, action, client_connection_id, os_error,ClusterName, total_time_ms
summarize count() by error, state, package, is_user_error, peer_address
```

### Number of connections created per second

This help you to determine if the issue is due to the excessive number of connection created per second.

```
//let TimeCheckStart = datetime('2019-07-30T11:50:00');
//let TimeCheckEnd = datetime('2019-07-30T19:09:00');
MonLogin
| where (logical_server_name =~ "{ServerName}" )
| where AppTypeName == "Gateway.PG"
//| where originalEventTimestamp >= TimeCheckStart and originalEventTimestamp <= TimeCheckEnd
//| where originalEventTimestamp >= datetime({StartTime}) and originalEventTimestamp <= datetime({EndTime})
| where event == "process_login_finish"
| where is_success
| summarize count() by bin(originalEventTimestamp, 1s)
//| where count_ > 22
```

\*\*GW Restart/Dsiabled\*\*:

1. Use the ping tool to find the CR:

```
C:\Users\haaqel>ping haqelmysql1.mysql.database.azure.com
Pinging cr5.westeurope1-a.control.database.windows.net [13.69.105.208] with 32 bytes of data:
```

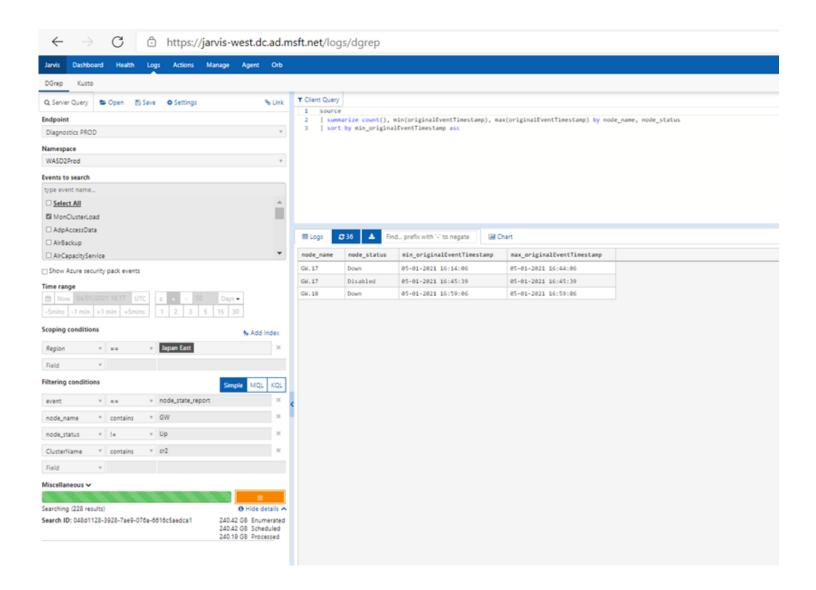
If no CR returned, you could remove the condition "where ClusterName startswith" from the below query (step 2)

2. Use the below query after selecting the proper region:

#### **MonClusterLoad**

```
where event == "node_state_report"
| where TIMESTAMP > datetime(2021-05-17 00:00) and TIMESTAMP < datetime(2021-05-24 05:00)
| where ClusterName startswith "cr5" and node_name startswith "GW" and node_status != 'Up'
| summarize count(), min(originalEventTimestamp), max(originalEventTimestamp) by node_name, node_status, ClusterName</pre>
```

3. If we are out of telemetry data, you can check the same using <u>Jarvis link</u>:



Created with Microsoft OneNote 2016.

#### How good have you found this content?

