

# Verify Dropped Connection Reasons

Last updated by | Hamza Aqel | May 24, 2021 at 9:12 AM PDT

## 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
```

3. If we are out of telemetry data , you can check the same using [Jarvis link](#) :

←

→

↺

https://jarvis-west.dc.ad.msft.net/logs/dgrep

Jarvis

Dashboard

Health

Logs

Actions

Manage

Agent

Orb

DGrep

Kusto

Q Server Query

Open

Save

Settings

Link

Endpoint

Diagnostics PROD

Namespace

WASD2Prod

Events to search

type event name...

Select All

MonClusterLoad

AdpAccessData

AirBackup

AirCapacityService

Show Azure security pack events

Time range

Now 04/01/2021 18:17 UTC

-5mins

-1 min

+1 min

+5mins

1

2

3

5

15

30

Scoping conditions

Region == Japan East

Field

Filtering conditions

Simple

SQL

KQL

event == node\_state\_report

node\_name contains GW

node\_status != Up

ClusterName contains cr2

Field

Miscellaneous

Searching (228 results)

Search ID: 048d1128-3928-7ae9-076a-6616c5aedca1

240.42 GB Enumerated

240.42 GB Scheduled

240.19 GB Processed

Client Query

1 source

2 | summarize count(), min(originalEventTimestamp), max(originalEventTimestamp) by node\_name, node\_status

3 | sort by min\_originalEventTimestamp asc

Logs

36

Find... prefix with '-' to negate

Chart

node_name	node_status	min_originalEventTimestamp	max_originalEventTimestamp
GW.17	Down	05-01-2021 16:14:06	05-01-2021 16:44:06
GW.17	Disabled	05-01-2021 16:45:39	05-01-2021 16:45:39
GW.18	Down	05-01-2021 16:59:06	05-01-2021 16:59:06

Created with Microsoft OneNote 2016.

How good have you found this content?

