

High Login Latency

Last updated by | Lisa Liu | Nov 6, 2020 at 10:35 AM PST

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This query sort the connections I terms of establishing connection times with percentiles

```
//monlogin latency percentiles
MonLogin
| where AppTypeName == 'Gateway.PG'
| where event == 'process_login_finish'
| where logical_server_name contains "{ServerName}" or LogicalServerName contains '{ServerName}'
or server_name contains '{ServerName}'
|| where database_name == 'support_azure'
|| where logical_server_name == 'sqlserver-panda-sentry-prod'
| where logical_server_name != ''
| where originalEventTimestamp > ago(6d)
| where is_success == 1
| project originalEventTimestamp, NodeName, peer_address, total_time_ms, extra_info, connection_id,
database_name, is_success, error, ['state'], is_user_error, logical_server_name, ClusterName
| summarize percentiles(total_time_ms, 10, 50, 70, 80,83,85, 90, 95, 98, 99, 99.99) by NodeName
|| where total_time_ms > 500
```

Following Query latency establishing a connection with the server PG

```
let TimeCheckStart = datetime('2019-12-05 00:06');
let TimeCheckEnd = datetime('2019-12-16 23:40');
MonLogin
| where (logical_server_name =~ "{ServerName}" )
| where event == "process_login_finish" or event == "connection_accept"
| where AppTypeName == "Gateway.PG" or AppTypeName == "Host.PG"
| where is_success == true
| where connection_id != "00000000-0000-0000-0000-000000000000"
| where originalEventTimestamp >= TimeCheckStart and originalEventTimestamp <= TimeCheckEnd
| summarize start=min(originalEventTimestamp), end=max(originalEventTimestamp) by connection_id,
logical_server_name
| extend duration = bin(end - start, 1tick)
| summarize latency_seconds=tolong(avg(duration))/1000000.0 by TIMESTAMP=bin(start, 1m),
logical_server_name
```

Created with Microsoft OneNote 2016.

How good have you found this content?



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