Error 40532 state 3

Last updated by | Vitor Tomaz | Feb 24, 2023 at 3:30 AM PST

Contents

Issue

Customer is trying to connect using IP address

Investigation/Analysis

Replace ClusterName parameter with the proper tenant ring address, adjust TIMESTAMP and see if customer is trying to connect using IP address (check server_name)

```
MonLogin
| where TIMESTAMP >= ago(1d)
| where ClusterName == "{trX.region.worker.database.windows.net}"
| where event == "process_login_finish"
| where AppTypeName == 'Gateway.PDC'
| where error == 40532 and ['state'] == 3
| summarize count() by error, state, server_name, logical_server_name, result, state_desc
| extend ServerNameWithoutPort1433 = replace(@'(\d+),1433', @'\1', server_name)
| extend IsIPV4 = isnotnull(parse_ipv4(ServerNameWithoutPort1433))
```

Mitigation

Connecting using IP address is not supported.

RCA Template

[Can I connect to my managed instance using IP address?](#) ⧉

No, this is not supported. A managed instance's host name maps to the load balancer in front of the managed instance's virtual cluster. As one virtual cluster can host multiple managed instances, a connection cannot be routed to the proper managed instance without specifying its name. For more information on SQL Managed Instance virtual cluster architecture, see Virtual cluster connectivity architecture.

Public Doc Reference

https://docs.microsoft.com/en-us/azure/azure-sql/managed-instance/frequently-asked-questions-faq?view=azuresql#can-i-connect-to-my-managed-instance-using-ip-address ⧉

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