Customer complains of slow performance pointing into a possible update on MI

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Issue

Customer complains about slow performance, pointing into a possible code change - deployment on Managed Instance.

Investigation/Analysis

You can use the query below to check for any code changes

```
MonSQLSystemHealth | where originalEventTimestamp > ago(10d) | where logical_database_guid contains "b93eb8a9-f2ac-4d39-9649-e12a37037562" | where LogicalServerName == "mmpsqlsharedinstance202" | project originalEventTimestamp, NodeName, AppName, AppTypeName, process_id, message, code_package_version, code_package_start_time | summarize min(originalEventTimestamp), max(originalEventTimestamp) by code_package_version, AppName
```

This information is also available on the ASC report, on the Availability tab.

Mitigation

Try to correlate any change in behavior (for example the exponential rise of a specific wait) with the code change (if any). Also, since deployments are always associated with a failover, note that execution plans are going to be compiled again. Like so, make sure that good statistics are in place.

Use the existing workflows (example) to help you on your troubleshooting.

If PG engagement is needed (if there is a clear change in behavior associated with a deployment) make sure that you identify clearly what changed (for example, a queries that uses parallelism stay on CX SYNC PORT wait forever) and that the deployment is clearly related with the performance change.

Internal reference

341615450

How good have you found this content?