

# Databases

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Topic covers common CRUD operation specific issues against database

## Common Issues

Customers choose this supporting topic when they have issues with CRUD operations on database.

Analysis -	These issues can be caused during any management operation on the database,
Azure Support Center -	<a href="#">AzureSQLDb_ProvisioningTroubleshooting_video</a>

## Mitigation Steps

### 1. Get the required details:

From Customer:

- Server name / Database name.
- Subscription ID (To check Quota in some cases).
- Region.
- When the problem has started.

### 2. Review the following details from ASC:

- Check the Insight on the main page. (Critical , Warning, Information )
- Get further details on the database provisioning during the time of incident.

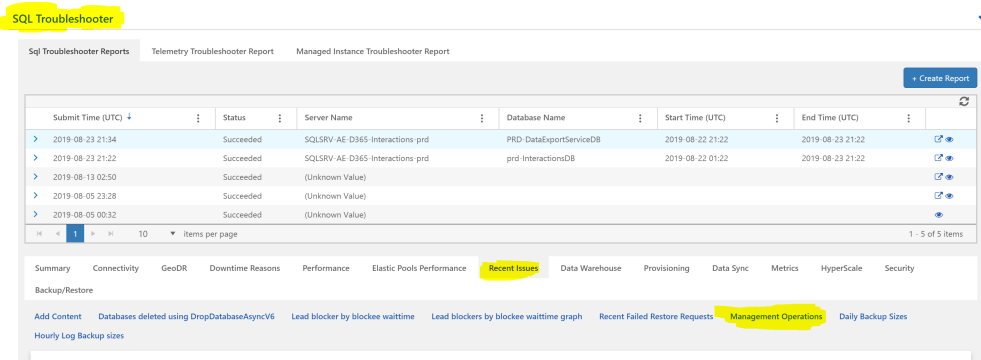
Review:

ASC >> Tools >> SQL Troubleshooter >> Create Report >> Provisioning >> General.

Look for CRUD operations summary and CRUD requests summary.

Review recent issues on ASC:

ASC >> Tools >> SQL Troubleshooter >> Create Report >> Recent Issues >> Management Operations.



- Configuration Changes:

ASC >> Tools >> SQL Troubleshooter >> Create Report >> Performance >> Config & Change History.

### 3. If the above details are not sufficient, use the below Kusto Query:

- Use this to find the relevant request ID:

```
MonManagement
| where TIMESTAMP >= ago(1d)
| where subscription_id == "Input SubscriptionId"
| where * contains "ss-anurag"
```

- Use the request ID to review the operation process from :

```
MonManagement
| where request_id contains ""
```

```
MonManagementOperations
| where request_id contains ""
```

```
MonManagementExceptions
| where request_id contains ""
```

- Review failures in the event column

```
AlrManagement
| where logical_server_name =~ "rowdma-trial" and logical_database_name =~ "testdatabase"
| where event contains 'logical_database'
| project TIMESTAMP, event, elapsed_time, request_id
```

SQL Server logs

```
MonSQLSystemHealth
//| where TIMESTAMP >= ago(3h)
| where AppName == "b5c37d7ab036"
//| where message contains "master"
| project TIMESTAMP, message
| order by TIMESTAMP
```

#### 4. Delete can also fail in the following scenarios :

- When DB is part of a Sync Group
- When DB is part of Elastic Job

#### 5. Quota request: should go to subscription team (SAP: Azure/Service and subscription limits (quotas)/SQL database)

Customer can follow [Request Quota](#) to file quota request.

To get an engineer assigned for quota request urgently, may reach out to CapSupDutyMgr@microsoft.com

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