

How to check if DB ever exists

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How to check if DB ever exists

Issue

Some customers may want to check if a database with specific name ever exists

Investigation/Analysis

1. Check the retention period for Kusto tables:

```
.show tables details
| extend SoftDeletePeriod = (parse_json(RetentionPolicy)).SoftDeletePeriod
| where TableName in ('MonManagement', 'MonManagementOperations')
| project TableName, toString(SoftDeletePeriod)
| where SoftDeletePeriod != '7.00:00:00'
```

2. Check if there is any record in the tables which have the management operations for database.

MonManagement

```
//| where TIMESTAMP > ago(2d)
```

```
| where logical_server_name == "servername"
| where logical_database_name == "dbname"
| project originalEventTimestamp, request_id, ClusterName, event, fsm_event, action, state_machine_type,
| sort by originalEventTimestamp desc
```

MonManagementOperations

```
| where logical_server_name == "servername"
| where logical_database_name == "dbname"
```

MonManagement

```
| where operation_parameters contains "dbname"
| project originalEventTimestamp, state_machine_type, fsm_instance_id, keys, old_state, new_state, event,
| order by originalEventTimestamp asc
```

If all above tables don't have corresponding records, we can confirm during the <retention period>, the DB doesn't exist.

How good have you found this content?

