

# Block Federated Client Id for System Assigned Identity

Last updated by | Vitor Tomaz | Feb 24, 2023 at 3:29 AM PST

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## Issue

If this error message "Cross tenant CMK can only be configured when the server is configured with a User Assigned Managed Identity. Refer to <https://aka.ms/sqltdebyokumi> to configure User Assigned Managed Identity." is seen, it means that the target identity of the server is System Assigned. Currently, cross tenant CMK feature is blocked if the target identity type of the server is going to be System Assigned identities. The error message for blocking the XTCMK config is thrown only if there is FederatedClientId passed in the API request body. For public preview, XTCMK is supported only with user assigned identities.

The error message in while polling for operation status will be as seen in the screenshot below

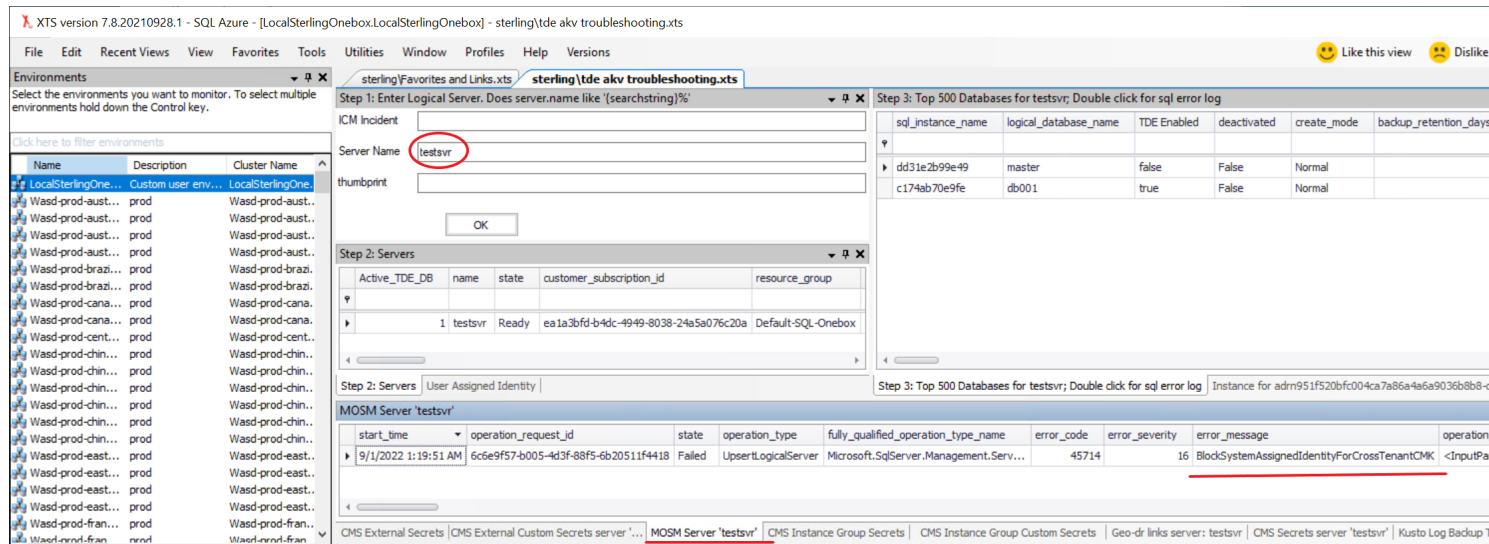
```
HTTP/1.1 200 OK
Content-Length: 372
Content-Type: application/json; charset=utf-8
Retry-After: 15
Server: Microsoft-HTTPAPI/2.0
x-ms-request-id: c176f5cc-0c9d-4543-bec2-471edc955c52
Date: Wed, 31 Aug 2022 18:21:19 GMT

{
  "name": "6c6e9f57-b005-4d3f-88f5-6b20511f4418",
  "status": "Failed",
  "startTime": "2022-08-31T18:19:51.367Z",
  "error": {
    "code": "BlockSystemAssignedIdentityForCrossTenantCMK",
    "message": "Cross tenant CMK can only be configured when the server is configured with a User Assigned Managed Identity. Refer to https://aka.ms/sqltdebyokumi to configure User Assigned Managed Identity."
  }
}
```

## Investigation/Analysis

From XTS tool, under the TDE AKV Troubleshooting view, the below screenshot shows the error message in Management Operation State Machine table view. XTS: Go to "TDE AKV troubleshooting.XTS" View.

Enter the server name in the Server Name field (you don't need IdM or thumbprint for this) and click OK Select the server (this will trigger refresh in pane Step 2) In the below pane, select the "MOSM Server" tab and the latest operation with the status and the error message will be seen.



## Mitigation

TBD

## RCA Template (optional)

TBD

## Public Doc Reference (optional)

TBD

### Internal Reference (optional)

PG is working on permanent solution for resolving customer issues reported. Backlog item is created

## Root Cause Classification

## Security/TDE and AKV/Error Failure

**How good have you found this content?**

