# TDE Policy Non-Compliant with Error ParentResourceNotFound

Last updated by | Vitor Tomaz | Jun 8, 2022 at 5:35 AM PDT

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## Issue

Customer's databases show as non-compliant for TDE policy on the Azure Policy dashboard with the error 'ParentResourceNotFound'.

## Investigation/Analysis

Based investigating with the engineer from the Azure Policy team, it was found that the error was coming from ARM due to a ARM API cache refresh issue.

Error Details: Sample stacktrace: Microsoft.WindowsAzure.ResourceStack.Common.Core.ErrorResponses.ErrorResponseMessageException: Can not perform requested operation on nested resource. Parent resource '<serverName>/<DbName>' not found. at Microsoft.WindowsAzure.ResourceStack.Frontdoor.Web.Common.Validation.ParentResourceInternal(Object parentResource, String parentResourceId) in X:\bt\1188572\repo\src\frontdoor\Roles\Frontdoor.Web ⧉ \Common\Validation.cs:line 2514 at Microsoft.WindowsAzure.ResourceStack.Frontdoor.Web.Controllers.ResourceController. <GetTrackedAncestorRegistration>d__75.MoveNext() in X:\bt\1188572\repo\src\frontdoor\Roles\Frontdoor.Web ⧉ \controllers\ResourceController.cs:line 4282 --- End of stack trace from previous location where exception was thrown ---

## Step-by-Step Investigtation details to identify the issue:

- Check if DB is available and ready in XTS.
- if yes, then check the kusto log from the queries below
- if it shows traces with frontend, then work with CSS Azure Policy Team as collaboration
- if needed open ICM against provisioning team

## Kusto Queries

Execute: [Web](#) ⧉ [Web (Lens)](#) ⧉ [https://armprod.kusto.windows.net/ARMProd](https://armprod.kusto.windows.net/ARMProd) ⧉

```
HttpIncomingRequests
| where TIMESTAMP between (datetime(2021-08-18 20:12:35.0528463) .. 1h)
| where subscriptionId =~ <subscriptionId>
| where targetUri contains "/resourcegroups/<ResourceGroup>/providers/Microsoft.Sql/servers/<ServerName>/datab
```

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Execute: [Web](#) ⧉ [Web (Lens)](#) ⧉ [https://armprod.kusto.windows.net/ARMProd](https://armprod.kusto.windows.net/ARMProd) ⧉

```
Traces
| where TIMESTAMP between (datetime(2021-08-18 20:12:35.0528463) .. 1h)
| where subscriptionId =~ <subscriptionId>
| where correlationId contains <corelationId>
| where targetUri contains "/resourcegroups/<ResourceGroup>/providers/Microsoft.Sql/servers/<ServerName>/datab
```

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## Mitigation

There is currently no mitigation from Security Team and due to TDE policy in the error it was redirected to Security team queue. Based on analysis issue need to be addressed by Provisioning team. Please create or file ICM with Provisioning Queue

## Internal Reference (optional)

Similar Incident occuurred and reported - [https://portal.microsofticm.com/imp/v3/incidents/details/255685224/home](https://portal.microsofticm.com/imp/v3/incidents/details/255685224/home) ⧉

## Root Cause Classification

TBD

## How good have you found this content?

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