

# InlineUDF dumps during restore of database to SQL MI

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## Issue

Customer is trying to restore a backup from an older version of SQL Server and restore is causing instance dumping in loop, until restore is canceled. From customer side this may be observed as restore restarting (multiple times) after some progress being made.

## Investigation/Analysis

The following query can detect memory dumps related with this issue:

```
MonSqlDump
| where LogicalServerName =~ '{ServerName}'
| extend BucketString = extract('.*SQLDmpr\\\.(\.*)\\.GMT-.*', 1, CompleteFileName)
| where isnotempty(BucketString)
| summarize count() by BucketString, ClusterName, AppName, AppTypeName
| join kind = inner
(
    cluster('SqlAdHoc').database('sqlazure1').StackDumpSignature
    | where FaultingProcessVer == 'NULL_CLASS_PTR_READ_c0000005_sqllang.dll!UnsafeOpFinder::operator'
    | distinct BucketString
) on BucketString
```

## Mitigation

File an ICM referencing **TSGCL0268: InlineUDF T53 regression dumps mitigation** as the TSG to mitigate this issue.

## Internal References

<https://portal.microsofticm.com/imp/v3/incidents/details/200622136/home> 

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