Fact sheet – DXC Database Corruption

## Setup

Standalone IaaS VM

Windows 2019

Storage Pools are heavily utilized, with ~20 individual storage pools

## Troubleshooting findings

1. First event regarding corruption found at 11/2/2022, 12:00:02.556 AM in SQL Log

Event

| where TimeGenerated >= ago(30d)

| where Source == 'MSSQL$DXCDB'

| where EventID == 824

| order by TimeGenerated asc

1. Restores and DBCC CHECKDB shows corruption occurred before first event
   1. 2022-11-01 12:00 AM corruption found
   2. 2022-10-30 10 PM corruption found
   3. 2022-10-29 10 PM corruption found
   4. 2022-10-29 2 PM in progress
   5. 2022-10-29 06:00 AM no corruption found
   6. 2022-10-29 12:00 AM no corruption found
   7. 2022-10-28 10 PM no corruption
   8. 2022-10-27 10 PM no corruption
2. Server Manager observed to be slow (Internal Windows calls?) – this still happening
3. NR: Shutdowns occurred on the 27th (Minor window, patching)
4. Health issue on the 28th at 10 PM --- Azure Live migration <-- could this be the root cause??

## Progress

Analysis were made and issue incorrectly determined to start on November 4th, which the restore started on.

Restores were started by HPMO shortly after to side-by-side copies of the database, for corruption checks.