# Purchasing Models - Elastic pool

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Contents



## Issue

This TSG cover's publicly available information about elastic pools

| SLO_Name | Internal Name* | Tier | DTU | Max TempDB Size | Memory* |
|---|---|---|---|---|---|
| **Basic Pool** | | | **50/100/200/300/400/800/1200/1600** | | |
| | | | | | |
| **Standard Pool** | | | **50/100/200/300/400/800/1200/1600/2000/2500** | **156GB data, 120GB log** | |
| Standard | S2M50 | S2 | 50 | | |
| Standard | S3M100 | S3 | 100 | | |
| Standard | S3M200 | S3 | 200 | | |
| Standard | | S3 | 400 | | |
| Standard | S3M800 | S3 | 800 | | |
| | | | | | |
| **Premium Pool** | | | **125/250/500/1000/1500/2000/2500/3000/3500** | | |
| Premium | P1M125 | P1 | 125 | | |
| Premium | P1M250 | P1 | 250 | | |
| Premium | P2M500 | P2 | 500 | | 28000 MB |
| Premium | P25M1000 | P3 | 1000 | | 56700 MB |
| Premium | P3M1500 | P3 | 1500 | | |
| Premium | P6M2000 | P6 | 2000 | | |
| Premium | P11M4000 | P11 | 4000 | | |
| | | | | | |

## Investigation/Analysis

## Mitigation

## RCA (optional)

## More Information (optional)

## Public Doc Reference (optional)

https://docs.microsoft.com/en-us/azure/sql-database/sql-database-purchase-models#elastic-pool-service-tiers-and-performance-in-edtus

## Internal Reference (optional)

- MS_ONLY information; Internal Name derived from MonDmPoolSloViolations - ExtraFields column

Default MAXDOP of a database in the pool is the equivalent to the maximum database DTU as if it were standalone. For example, eDTU 125 would be MAXDOP = 1, eDTU 250 would be MAXDOP = 2.

Internal Name (derived from WASD2ProdMonDmRealTimeResourceStats) Assuming that the names indicate: (SLO tier and # of cores)*(lower perf level)*(upper perf limit)_(software generation)

| Basic Pool | Standard Pool | Premium Pool |
|---|---|---|
| MB05C_MinZero_MaxBasic_SQLG3 | MS05C_MinZero_MaxS0_SQLG4VM | MP1C_MinP25DTU_MaxP1_SQLG4VM |
| MB05C_MinZero_MaxBasic_SQLG4VM | MS05C_MinZero_MaxS1_SQLG4VM | MP1C_MinZero_MaxP1_SQLG4VM |
| MB1C_MinZero_MaxBasic_SQLG4VM | MS05C_MinZero_MaxS2_SQLG3 | MP20C_MinZero_MaxP11v2_SQLG4VM |
| MB2C_MinZero_MaxBasic_SQLG4VM | MS05C_MinZero_MaxS2_SQLG4VM | MP28C_MinZero_MaxP4_SQLG4VM |
| | MS1C_MinS0_MaxS2_SQLG4VM | MP2C_MinP25DTU_MaxP2_SQLG4VM |
| | MS1C_MinS0_MaxS3_SQLG4VM | MP2C_MinZero_MaxP1_SQLG3 |
| | MS1C_MinS1_MaxS3_SQLG4VM | MP2C_MinZero_MaxP1_SQLG4VM |
| | MS1C_MinZero_MaxS0_SQLG3 | MP2C_MinZero_MaxP2_SQLG3 |
| | MS1C_MinZero_MaxS0_SQLG4VM | MP2C_MinZero_MaxP2_SQLG4VM |
| | MS1C_MinZero_MaxS1_SQLG3 | MP4C_MinP1_MaxP2_SQLG4VM |
| | MS1C_MinZero_MaxS1_SQLG4VM | MP4C_MinP25DTU_MaxP4_SQLG4VM |
| | MS1C_MinZero_MaxS2_SQLG3 | MP4C_MinP4_MaxP4_SQLG4VM |
| | MS1C_MinZero_MaxS2_SQLG4VM | MP4C_MinZero_MaxP1_SQLG4VM |
| | MS1C_MinZero_MaxS3_SQLG3 | MP4C_MinZero_MaxP2_SQLG3 |
| | MS1C_MinZero_MaxS3_SQLG4VM | MP4C_MinZero_MaxP2_SQLG4VM |
| | MS2C_MinS0_MaxS3_SQLG4VM | MP4C_MinZero_MaxP4_SQLG4VM |
| | MS2C_MinS1_MaxS3_SQLG4VM | MP8C_MinZero_MaxP4_SQLG4VM |
| | MS2C_MinS3_MaxS3_SQLG4VM | MP12C_MinP4_MaxP4_SQLG4VM |
| | MS2C_MinZero_MaxS0_SQLG4VM | MP12C_MinZero_MaxP6_SQLG4VM |
| | MS2C_MinZero_MaxS1_SQLG4VM | MP16C_MinZero_MaxP11v2_SQLG4VM |
| | MS2C_MinZero_MaxS2_SQLG4VM | MP16C_MinZero_MaxP6_SQLG4VM |
| | MS2C_MinZero_MaxS3_SQLG3 | |
| | MS2C_MinZero_MaxS3_SQLG4VM | |
| | MS3C_MinZero_MaxS0_SQLG4VM | |
| | MS3C_MinZero_MaxS3_SQLG4VM | |
| | MS4C_MinS0_MaxS3_SQLG3 | |
| | MS4C_MinS0_MaxS3_SQLG4VM | |
| | MS4C_MinZero_MaxS0_SQLG4VM | |
| | MS4C_MinZero_MaxS1_SQLG4VM | |
| | MS4C_MinZero_MaxS2_SQLG4VM | |
| | MS4C_MinZero_MaxS3_SQLG4VM | |
| | MS8C_MinZero_MaxS0_SQLG4VM | |
| | MS8C_MinZero_MaxS3_SQLG4VM | |
| | MS12C_MinZero_MaxS3_SQLG4VM | |
| | MS16C_MinS0_MaxS3_SQLG4VM | |

AliasDb_SQLVM2

## Classification

Root cause Tree - CRUD/User request/How-to/advisory.

### How good have you found this content?