

Elastic pool increase maximum number of databases in pool

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Background

The maximum number of databases allowed in an Elastic Pool depends on the service tier. As of October 2022, the current overall maximum limit is 500 databases per pool for the higher service tiers.

For more details on the elastic pool limits:

[DTU elastic pool limits](#) 

[vCore elastic pool limits](#) 

Issue and Recommendations


If customers ask to increase the maximum limit to more than 500 databases in the Elastic Pool, this is not something that the Product Group will do. The limit of 500 is the boundary. Instead, customer should create multiple elastic pools. Another possible alternative option is to provision serverless databases for cost savings for idle databases.

Internal use only: These limits are currently in place after strongly placed testing data. We have done performance testing and everything and put these limits in place. It's technically possible for Product Group to increase the number of databases above 500, however, Product Group will not make the change for the stated reasons.

Additional Information

As of October 2022: The Product Group are working on a new offering of a higher density Elastic Pool which will allow more than 500 databases per Elastic Pool. Currently there is no ETA when this will be available.

Internal Reference

[IcM 328754936: Cx want to know if we can help to increase the 500 limit # of databases inside on an elastic pool for GP gen 5 to 5000](#) 

Root Cause Classification

Cases resolved by this TSG should be coded to the following root cause:

/Root Cause: Azure SQL v3/Performance/Configuration request/Other

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