Improving database performance and value with an easy migration to Azure Database for MySQL – Flexible Server with AMD EPYC

September 2024 is the retirement date for Azure Database for MySQL – Single Server.[1] Maintain business continuity by moving your databases to new Azure Database for MySQL – Flexible Server instances now.
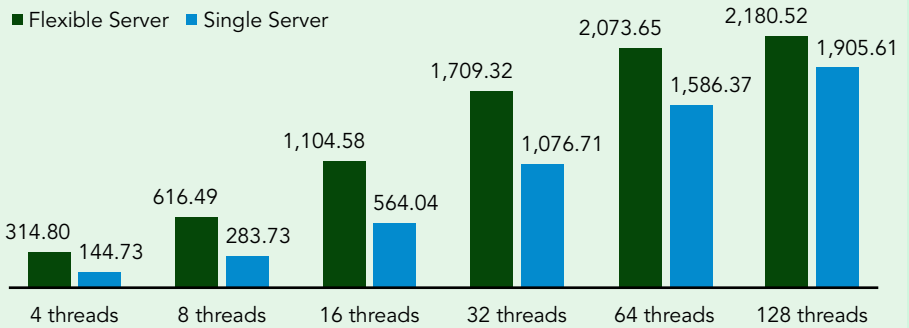
Using the Azure Import tool for migration, your organization can get the benefits of Flexible Server instances backed with AMD EPYC™ processors in under 10 minutes.

Get stronger online transaction processing (OLTP) performance

More transactions per second (TPS) can give your ecommerce sites the ability to handle more customers searching and purchasing at once, potentially driving up both sales and customer satisfaction.

Up to 117% better performance on sysbench

Sysbench performance | *Transactions per second, higher is better*

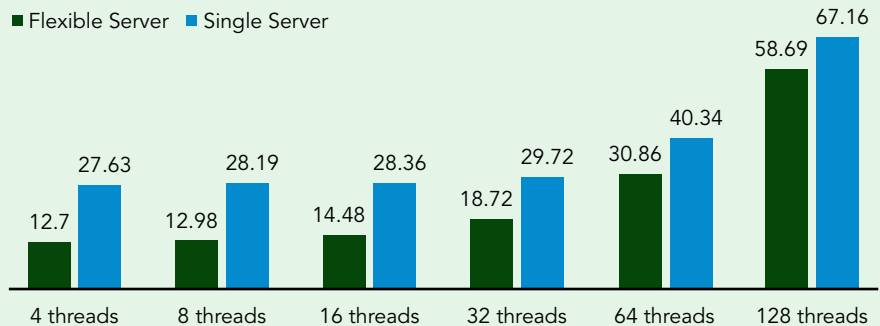|	Flexible Server	Single Server
4 threads	314.80	144.73
8 threads	616.49	283.73
16 threads	1,104.58	564.04
32 threads	1,709.32	1,076.71
64 threads	2,073.65	1,586.37
128 threads	2,180.52	1,905.61

Get lower latency

Lower latency can give the customers accessing your databases faster load and response times.

Up to 54% lower latency on sysbench

Latency | *Milliseconds, lower is better*

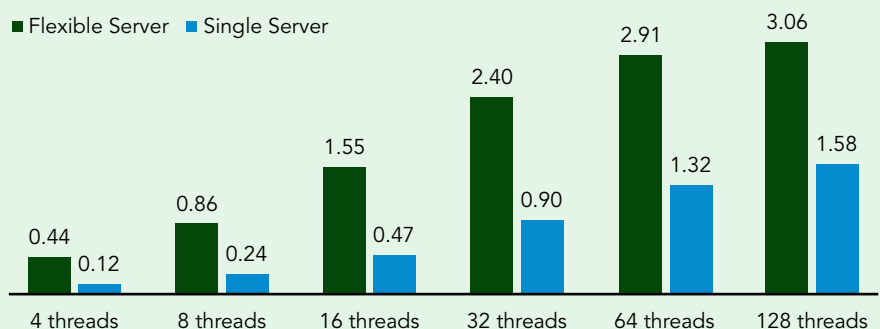|	Flexible Server	Single Server
4 threads	12.7	27.63
8 threads	12.98	28.19
16 threads	14.48	28.36
32 threads	18.72	29.72
64 threads	30.86	40.34
128 threads	58.69	67.16

Realize better value

Flexible Server offered a better overall value, which lets you make the most of your budget.

Up to 266% better performance per dollar

Performance per dollar | *TPS per dollar, higher is better*

	Flexible Server	Single Server
4 threads	0.44	0.12
8 threads	0.86	0.24
16 threads	1.55	0.47
32 threads	2.40	0.90
64 threads	2.91	1.32
128 threads	3.06	1.58

Use Azure Database for MySQL Import to move from Single Server to Flexible Server in just a few steps. Migrate in as little as 9 minutes 10 seconds.

Learn more at https://facts.pt/WA4Av1Z

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