Modernize your Azure® database instances to save OpEx and increase asset utilization

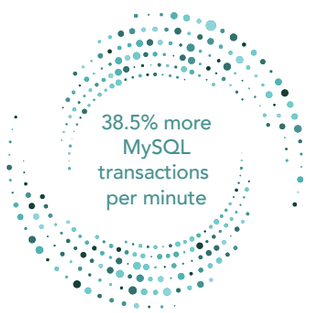
We measured MySQL™ online transaction processing (OLTP) performance of two 64-vCPU Microsoft Azure® cloud VMs:

- Standard_HB120-64rs_v3 VM, based on AMD EPYC™ 7V13 processors
- Standard_E64ds_v4 VM, based on 2nd Gen Intel® Xeon® Platinum 8272CL processors

On the HammerDB TPROC-C OLTP workload, the Standard_HB120-64rs_v3 VMs based on the AMD EPYC 7V13 processor handled more transactions per minute than the Standard_E64ds_v4 VMs based on the 2nd Gen Intel Xeon Platinum 8272CL processor. Also, monthly estimated Pay-as-You-Go pricing was lower for the Azure Standard_HB120-64rs_v3 VM based on the AMD EPYC 7V13 processor than for the VM based on the Intel Xeon Platinum 8272CL processor.

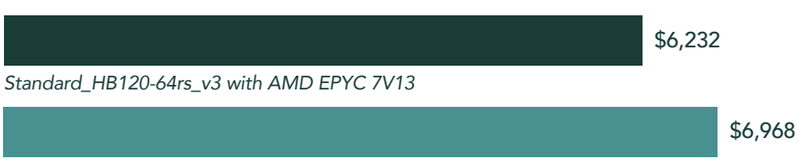
HammerDB TPROC-C MySQL transactions per minute

Higher is better



Estimated monthly cost for MySQL test VMs in East US Azure region (USD)*

Lower is better



**One Azure Standard_HB120-64rs_v3 VM, based on AMD EPYC 7V13 processor, vs. one Azure Standard_E64ds_v4 VM, based on 2nd Gen Intel Xeon Platinum 8272CL processor, running 730 hours (24 hours a day for one month) in East US region. Source: Azure VM pricing calculator, accessed October 19, 2021, https://azure.microsoft.com/pricing/calculator/.*

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

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