Get a clearer picture of potential cloud performance by looking beyond SPECrate 2017 Integer scores

with Login Enterprise

When we ran Login Enterprise workloads on two Microsoft Azure VMs using Azure Virtual Desktop services, the performance differences varied from SPECrate 2017 Integer scores

What's the best way to gauge cloud instance performance? Using an industry-standard benchmark such as SPECrate® 2017 Integer can deliver good compute performance data, but it may not paint the same picture as workloads more directly representative of your applications.

Running SPECrate 2017 Integer—which uses a broad range of applications that target the processor, memory, and compilers—we saw the following results on the Azure VMs we tested:

SPECrate 2017 Integer performance Higher is better

int_base rate

D16ds_v5 with Intel Xeon Scalable processors	71.9
D16ads_v5 with AMD EPYC processors	66

■ D16ds_v5 with Intel® Xeon® Scalable processors   ■ D16ads_v5 with AMD EPYC™ processors
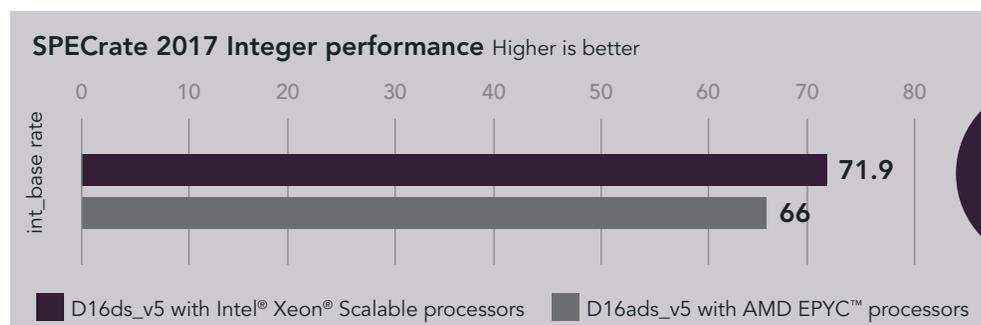
8% faster int_base rate

Login Enterprise is an industry-standard VDI benchmark that can help organizations best size their VDI deployment. We used a custom Knowledge worker workload to assess the performance of various productivity apps, and we saw the following results:

Login Enterprise performance (normalized) Higher is better

Relative speed at 36 users

D16ds_v5 with Intel Xeon Scalable processors	1.14
D16ads_v5 with AMD EPYC processors	1

■ D16ds_v5 with Intel Xeon Scalable processors   ■ D16ads_v5 with AMD EPYC processors
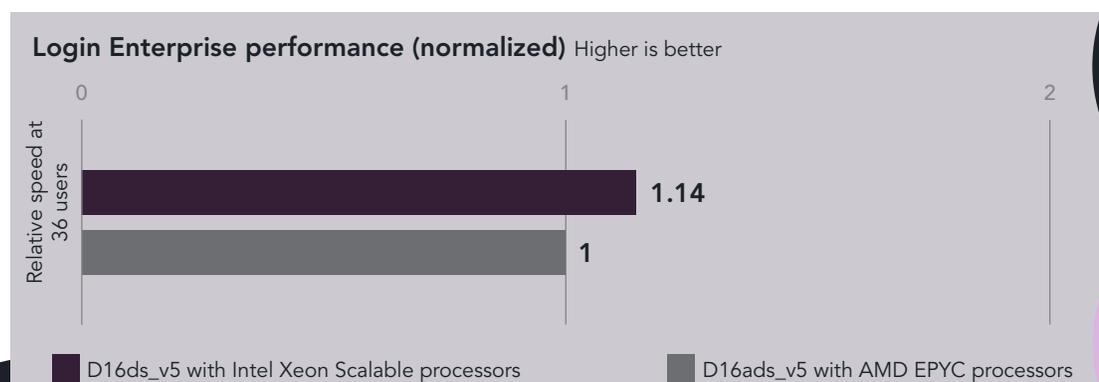
14% faster at 36 desktop users

Why test with Login Enterprise?

As remote work becomes more common—and because VDI has complex resource demands—companies should consider testing with real-world VDI workloads to ensure their VMs can support their virtual desktop users while also giving them responsive performance to complete day-to-day tasks.

Get the bigger picture when you branch out to specific workloads.

Learn more about the other real-world workloads we ran at https://facts.pt/odi9nGQ

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