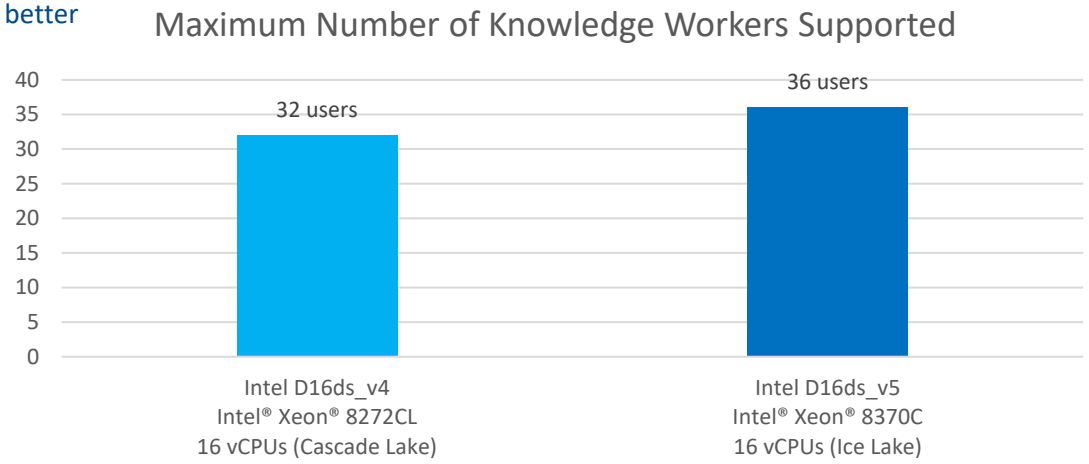
Azure Virtual Desktop Performance

Knowledge Profile: Intel Azure Virtual Desktop Gen on Gen Performance

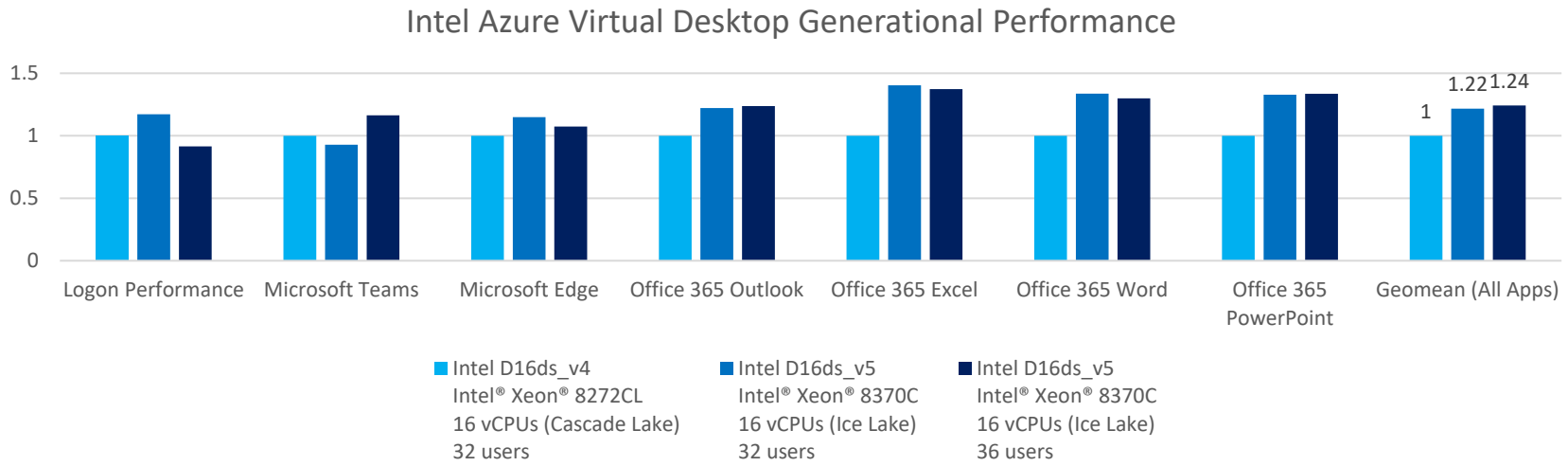
Support more users and Higher Application Performance with v5 Instances

Higher is better



Up to 12% more VDI users
on latest Gen Intel Xeon v5 instances

Relative Performance
Higher is Better



New Gen. Intel Xeon D16ds_v5 instances are up to 24% faster than prior v4 Gen. instances

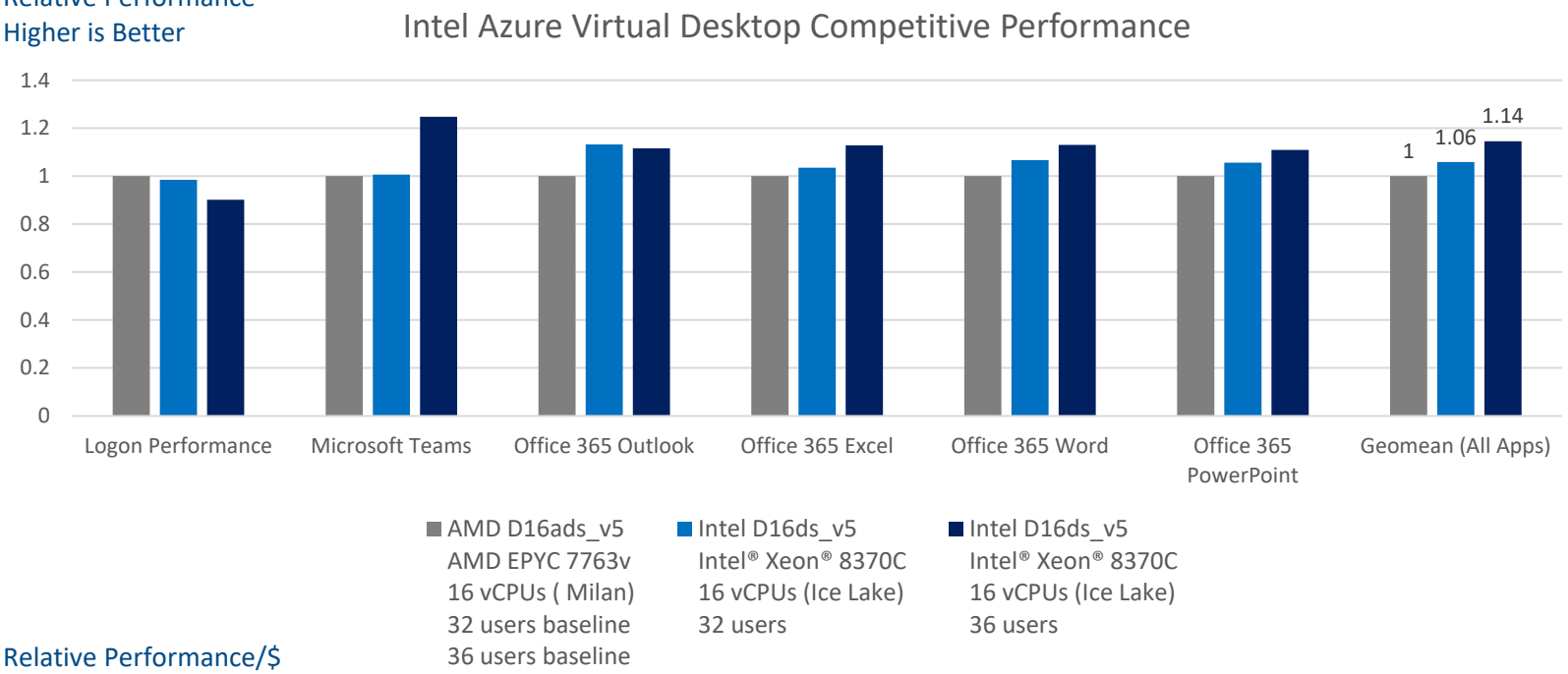
Performance varies by use, configuration and other factors. Learn more at www.Intel.com/PerformanceIndex. See backup for workloads and configurations. Results may vary.

Tests performed in January 2022 using Login Enterprise version 4.6.5 with Knowledge workload with Microsoft 365 and Microsoft Teams on Azure's East US zone using Windows 10 20H2 host pools with a max session limit of 120 users, breadth-first load balancing and premium SSDs. Standard D16ds v5 equipped with 16 vCPUs, 64GiB of RAM, 600GB of temp storage, Intel 8370C CPU. Standard D16ds v4 equipped with 16 vCPUs, 64GiB of RAM, 600GB of temp storage, Intel 8272CL CPU

Knowledge Profile: Intel Azure Virtual Desktop Competitive Performance

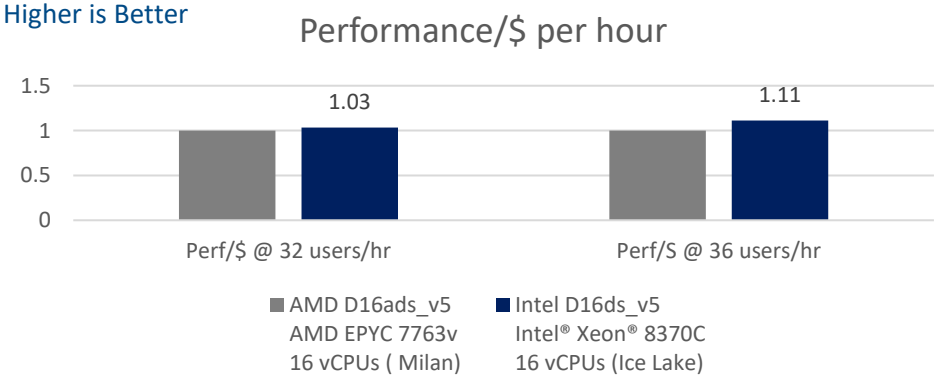
Higher Application Performance and Better Ability to Handle Heavier Loads

Relative Performance
Higher is Better



- Maximum # of users supported is 36 with Intel or AMD instances
- Intel Xeon D16ds_v5 instances are up to 14% faster vs AMD EPYC v5 instances @ 36 users
- Intel performance lead increases vs AMD as number of users increase

Relative Performance/$
Higher is Better



- Intel offers 11% better perf/$ at maximum VDI capacity

D16ds_v5 pricing $0.3377/hr (16vCPU)
D16ads_v5 pricing $0.3296/hr (16vCPU)
Source: https://azure.microsoft.com/en-us/pricing/details/virtual-machines/windows/
As of January 25, 2022

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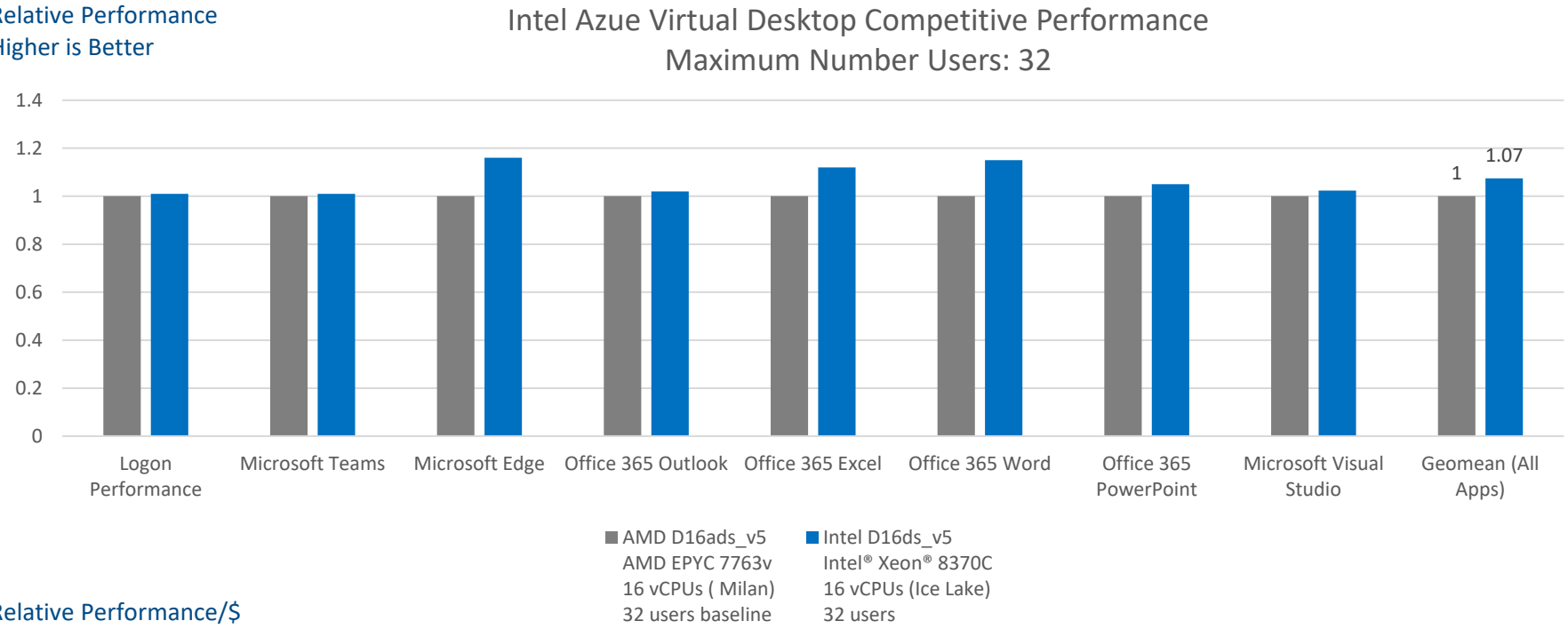
Developer Profile: Intel Azure Virtual Desktop Competitive Performance

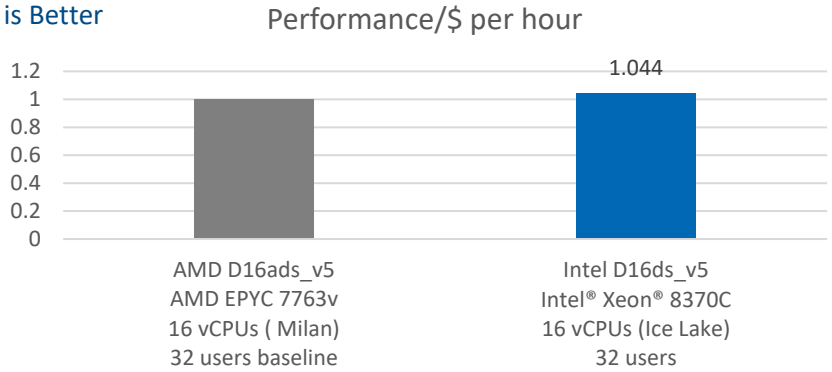
Higher Application Performance

Relative Performance
Higher is Better



- Maximum # of users supported is 32 with Intel or AMD instances
- Intel Xeon D16ds_v5 instances are up to 7% faster vs AMD EPYC v5 instances @ 32 users

Relative Performance/$
Higher is Better



- Intel offers 4.4% better perf/$ at maximum VDI capacity

D16ds_v5 pricing $0.3377/hr (16vCPU)
D16ads_v5 pricing $0.3296/hr (16vCPU)
Source: https://azure.microsoft.com/en-us/pricing/details/virtual-machines/windows/
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Notices and Disclaimers

Performance varies by use, configuration and other factors. Learn more at www.Intel.com/PerformanceIndex.

Performance results are based on testing as of dates shown in configurations and may not reflect all publicly available updates. See backup for configuration details. No product or component can be absolutely secure.

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