# Support a dense cloud environment with the AMD EPYC 7601 processor

The AMD processor enabled a Microsoft Storage Spaces Direct cluster to support high VM densities with room to spare for other applications
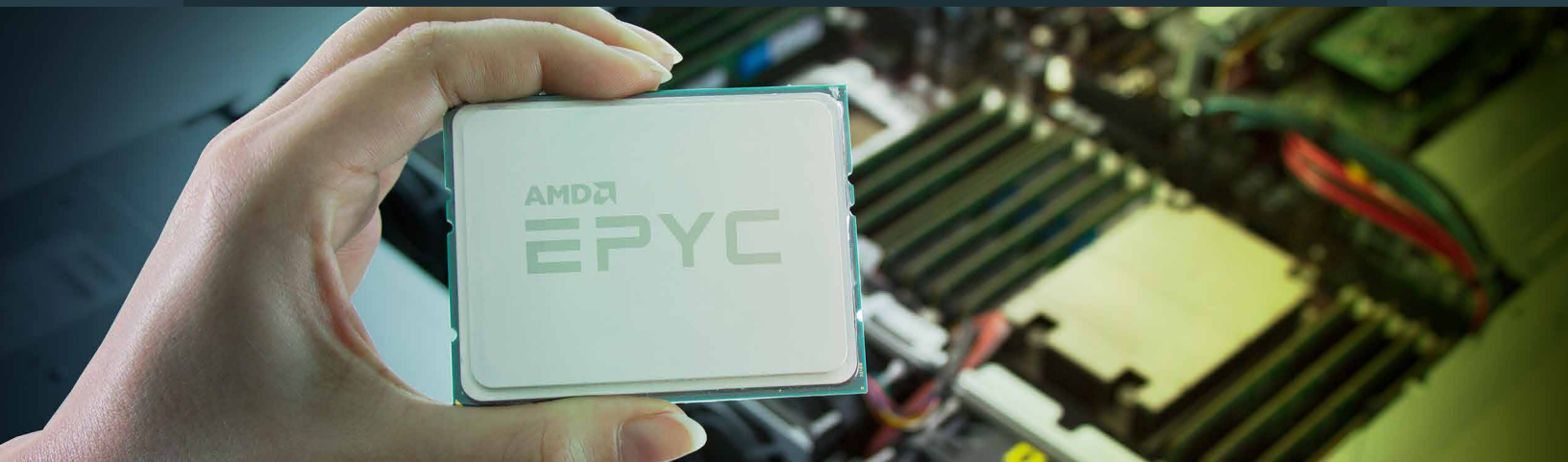
In the Principled Technologies datacenter, we deployed Microsoft® Storage Spaces Direct to a three-node cluster powered by the AMD EPYC™ 7601 processor.

The cluster supported a highly dense 192 total VMs, each delivering the same quality of service as the Microsoft Azure P15 Managed Disk service level.

Supported
192 VMs
in just 6U
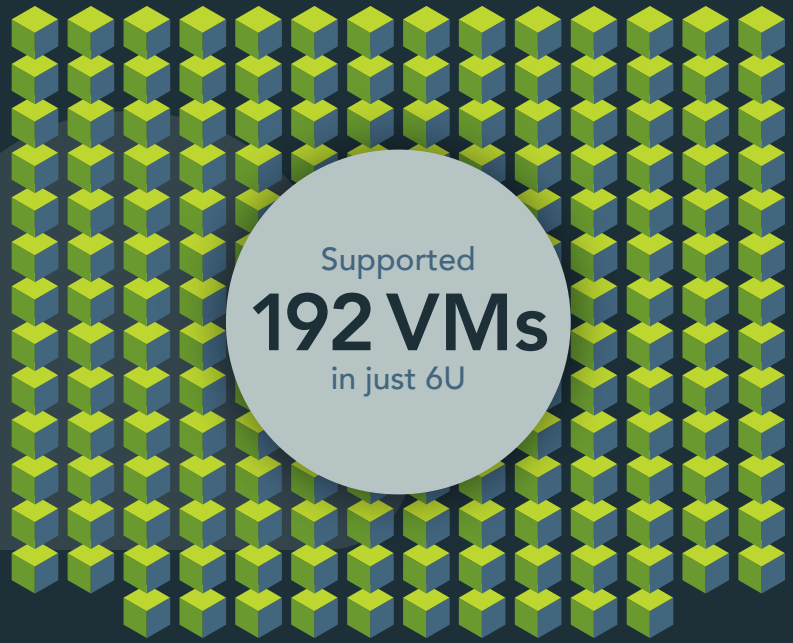
23.22% average host CPU utilization leaves room for other tasks

0.39-millisecond average read latency ensures fast data delivery

6U

AMD EPYC

Get all the facts at http://facts.pt/RE4nWj

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