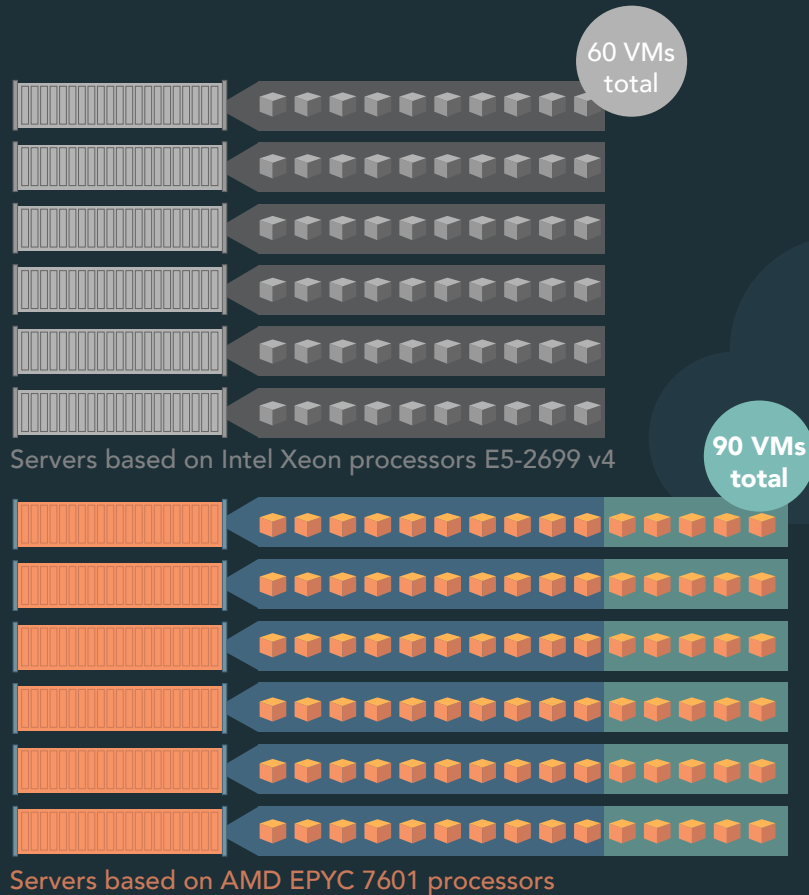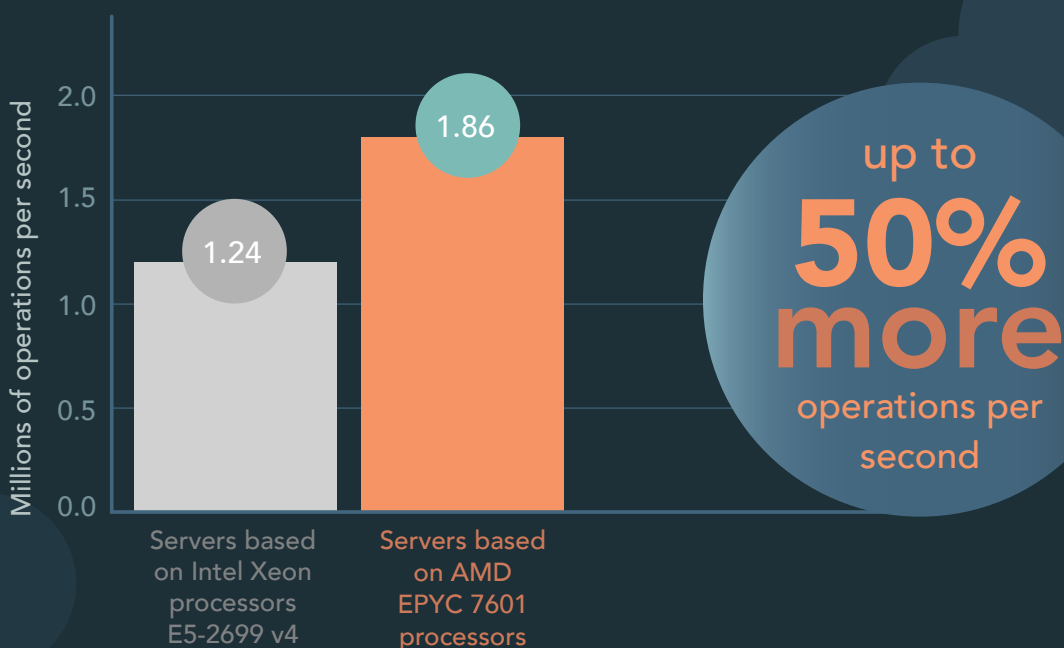# Do more Apache Cassandra™ distributed database work with AMD EPYC™ 7601 processors

Versus previous generation servers based on Intel® Xeon® processors E5-2699 v4

Handling more Cassandra write operations per second on the same number of servers could allow for faster updates and shorter data load times.

60 VMs total

Servers based on Intel Xeon processors E5-2699 v4

90 VMs total

Servers based on AMD EPYC 7601 processors

The AMD solution supported **five more VMs per server** and handled **more operations per second** than the Intel solution.

Millions of operations per second

1.24 — Servers based on Intel Xeon processors E5-2699 v4

1.86 — Servers based on AMD EPYC 7601 processors

2.0
1.5
1.0
0.5
0.0

up to **50% more** operations per second

Get all the facts at http://facts.pt/2tzC3h