

# HPE ProLiant DL380 Gen10 Server Attains More 2S Virtualization Performance than Dell Competitor on VMmark® 3.0 Benchmark

Similar configuration, more virtualization performance than Dell PowerEdge R740xd

## Executive summary

The two-socket (2S) HPE ProLiant DL380 Gen10 delivered an excellent virtualization performance result on the VMmark® 3.0 benchmark. The server outperformed the 2S Dell PowerEdge R740xd server with a score of 8.01 @ 8 tiles. Both rack servers were similarly configured with two Intel® Xeon® Platinum 8180 processors and ran VMware ESXi 6.5.



## Key takeaways

### HPE ProLiant DL380 Gen10:

- Achieved excellent 2S VMmark 3.0 results
- Delivered 7.5% more virtualization performance than the Dell PowerEdge R740xd
- Designed for and excels in virtualized environments

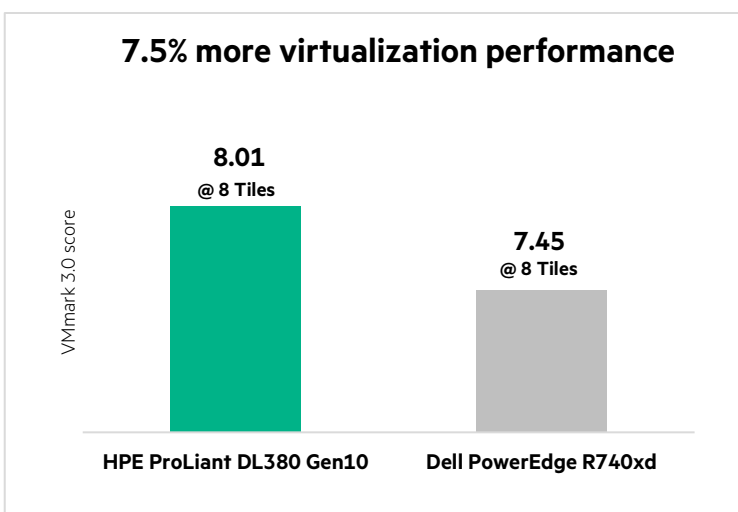
### About the VMmark 3.0 benchmark<sup>1</sup>

VMmark 3.0 is a highly flexible and easily deployed benchmark for vSphere environments. This free cluster-level benchmark simulates application workloads and infrastructure operations. It provides a methodical way to measure the performance, scalability, and power of virtualization platforms.

### For more information:

**HPE Server benchmarks**  
[hpe.com/servers/benchmarks](http://hpe.com/servers/benchmarks)  
**HPE ProLiant DL380 Gen10**  
[hpe.com/servers/dl380-gen10](http://hpe.com/servers/dl380-gen10)

<sup>1</sup> [vmware.com/products/vmmark.html](http://vmware.com/products/vmmark.html)



**Figure 1.** HPE ProLiant DL380 Gen10 and Dell PowerEdge R740xd performance scores on the VMmark 3.0 benchmark.

## HPE ProLiant DL380 Gen10 and ProLiant Gen10 platforms

The HPE ProLiant DL380 Gen10 Server delivers the latest in security, performance, and expandability. The server is ideal for client virtualization workloads. HPE Gen10 platforms deliver a more secure, higher performant end-user experience with reduced power and cooling requirements – enabling customers to standardize on the industry's most trusted compute platforms.

**Table 1.** VMmark 3.0 results and configuration details for the HPE ProLiant DL380 Gen10 and the similarly configured Dell PowerEdge R740xd.

Server Configuration	VMmark 3.0 scores
<b>HPE ProLiant DL380 Gen10</b> 2 x 28-core Intel Xeon Platinum 8180 processors 2.5 GHz, 2 sockets/ 56 cores/ 112 threads 32 GB 2Rx4 PC4-2666 MHz DIMMs; 768 GB RAM VMware ESXi 6.5; VMware vCenter Server 6.5 U1	8.01 @ 8 tiles
<b>Dell PowerEdge R740xd</b> 2 x 28-core Intel Xeon Platinum 8180 processors 2.5 GHz, 2 sockets/ 56 cores/ 112 threads 32 GB 2Rx8 PC4-2666 MHz DIMMs; 768 GB RAM VMware ESXi 6.5; VMware vCenter Server 6.5 U1	7.45 @ 8 tiles