



## Oracle Cloud Named Editor's Choice by StorageReview for High Performance

Testing shows Oracle Cloud Infrastructure to have 63% higher usable IOPS than high-performance on-premises options

Enterprise cloud users require high and non-variable performance to create a viable alternative to running key workloads in on-premises data centers. StorageReview recently tested Oracle Cloud Infrastructure and awarded them an Editor's Choice Award for high performance and innovation. Oracle Cloud is the first cloud vendor to receive such an award, and the first cloud vendor to even merit testing by StorageReview.

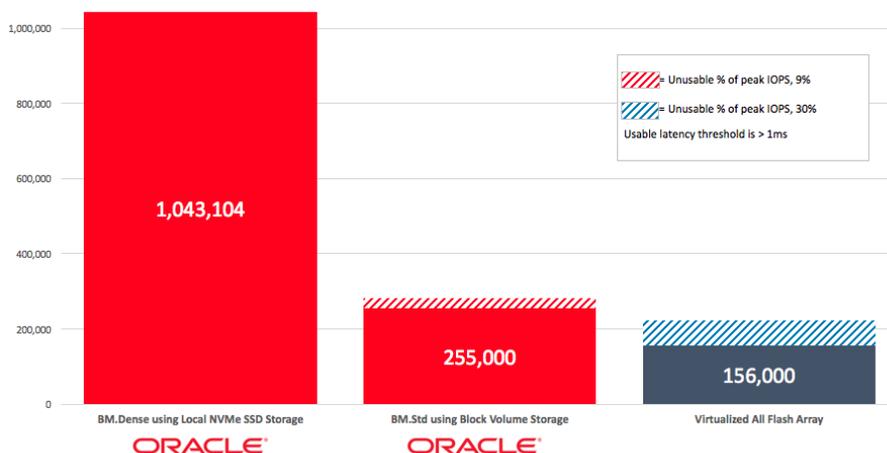
Oracle Cloud is the only cloud today that combines enterprise grade components with a next generation network that avoids noisy neighbor issues and variable performance results. Oracle does this by eliminating the compute virtualization overhead and resource over-subscription that's widespread in the web and developer-centric clouds of Amazon, Microsoft and Google.

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Cloud Infrastructure

*"There are many choices when going to the cloud, but there's nothing that is as fast as what we've seen with the Oracle Cloud bare metal instances, making these solutions a clear and deserving winner of our first Editor's Choice Award granted to a cloud services provider."*

**BRIAN BEELER, EDITOR IN CHIEF**  
STORAGEREVIEW.COM

IOPS Performance: Oracle Cloud Infrastructure vs. Virtualized All-Flash Array



### ORACLE CLOUD ADVANTAGE

Testing by StorageReview shows that Oracle Cloud Infrastructure Bare Metal instances using remote Block Storage offers the following advantages over on-premises infrastructure:

- 63% higher usable IOPS (IOPS with lower than 1 ms latency)
- 25% higher peak IOPS
- 3.3 times lower latency at peak IOPS

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In the testing, Oracle Cloud Infrastructure demonstrated higher performance capabilities than multiple examples of leading high performance on-premises storage systems. Oracle Bare Metal Standard instances using remote block storage had 26% higher peak IOPS with 3.3 times lower latency at peak than the test results for one leading vendor's on-premises all-flash storage array. Additionally, the Oracle configuration had 91% of peak IOPS with latency below 1 ms, compared with just 70% for the on-premises configuration.

The Oracle Cloud Infrastructure Bare Metal DenseIO instances using local SSD storage has an even bigger advantage. These instances had 4.7 times higher peak IOPS with 23 times lower latency at peak than the on-premises example.

## What it means for Users

For most customers interested in running mission-critical, data-intensive workloads in cloud, their biggest concern is whether they can get comparable performance in cloud versus what they see in their own data center. The results of these tests prove that users of Oracle Cloud can achieve excellent results for performance sensitive workloads at the same level or beyond what is achieved in on-premises data centers, or any other cloud option on the market today.

Oracle offers enterprise customers the only cloud with massive, non-variable performance beyond that of on-premises capabilities, along with all of the benefits of cloud delivery model, including flexibility, efficiency, security and reliability.

## The StorageReview Editor's Choice Award

StorageReview is a leading independent reviewer of storage products. Their testing process uses their own lab where they run a series of component and synthetic workload tests to measure the performance of reviewed systems across a range of usage scenarios including demanding workloads like Oracle Database, SQL Database, virtual desktop and others.

StorageReview gave Oracle Cloud their Editor's Choice Award for technologies with exceptional performance results in testing and high levels of innovation that represent their selections for the best offerings in Enterprise IT.

Full details are publicly available at [StorageReview.com](http://StorageReview.com)

[http://www.storagereview.com/oracle\\_cloud\\_infrastructure\\_compute\\_bare\\_metal\\_instances\\_review](http://www.storagereview.com/oracle_cloud_infrastructure_compute_bare_metal_instances_review)

[http://www.storagereview.com/reviews/enterprise/enterprise\\_storage](http://www.storagereview.com/reviews/enterprise/enterprise_storage)



*"The performance, simply put, blew us away."*

*"In terms of how good storage performance on these instances is compare to traditional storage, they rival many of the best shared storage options on the market, let alone cloud alternatives."*

*"To put this in comparison, we saw many tests with 32 Block Volumes attached on the 52 OCPU instances exceed the performance of all-flash storage arrays we've tested in our lab."*

**KEVIN O'BRIEN, LAB DIRECTOR**  
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