

ACCORDING TO AN INDEPENDENT STUDY BY CLOUD SPECTATOR:

# EXPEDIENT OUTPERFORMS ALL OTHER PROVIDERS

The purpose of this study was to examine the differences in performance and value of the cloud offerings across various public cloud providers.

## EXPEDIENT CLOUD = UP TO 53X THE VALUE OF AWS + AZURE

## WHY DOES THIS MATTER?

Differences in performance outputs of virtual machines across the industry make it hard to compare across IaaS providers in a standardized manner by simply examining resource and quantity pricing

### CPU PERFORMANCE

.....

The performance of all applications is highly dependent on the vCPU. The vCPU is responsible for the processing and orchestration of all applications.

### STORAGE PERFORMANCE

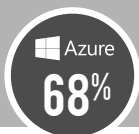
.....

Because most applications and all data reside on the storage, having fast storage performance is a key consideration for smooth application performance in many cases.

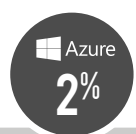
### INTERNAL NETWORK PERFORMANCE

.....

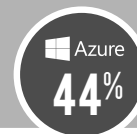
The performance of the internal network on each of the providers was tested by examining the throughput between VMs within the same data center. The network was tested using Iperf which sends data bi-directionally between two servers for a set amount of time.



relative value per measured compute cycle



relative value for I/O performance



relative value for network performance

### CPU PRICE PERFORMANCE

Expedient Offered Between **46% To 66%** Greater Value Than The Other Two Providers

### STORAGE PERFORMANCE

Expedient Offered Between **12X To 53X** Greater Value Than The Other Two Providers

### INTERNAL NETWORK PRICE PERFORMANCE

Expedient Offered Between **95% To 125%** Greater Value Than The Other Two Providers

### CPU SCORE PERFORMANCE (VALUE)

Expedient Achieved **3% And 9%** Higher vCPU Performance Than Amazon And Microsoft Azure

### STORAGE SCORE PERFORMANCE (VALUE)

Expedient Achieved **8.7X And 32.4X** Higher I/O Performance Than Amazon And Microsoft Azure

### INTERNAL NETWORK PRICE PERFORMANCE (VALUE)

Expedient Achieved **39% And 46%** Higher Internal Network Performance Than Amazon And Microsoft Azure



The study revealed that Expedient offered the highest overall value for the majority of services. Expedient exhibited the highest performance in vCPU, storage and network tests.