

# Getting More From Amazon OpenSearch Service for Operational Analytics and Search

IT teams need to analyze more log data, security data, and application performance data than ever in order to support business operations. Data also powers search applications. Amazon OpenSearch Service is a powerful and popular tool to take on those tasks, but many organizations can do even more to get greater value from OpenSearch Service.

## Enhancing Efficiency

AWS has identified several simple, yet highly leverageable, steps to substantially enhance the efficiency of OpenSearch Service in the areas of cost efficiency, security, and availability.

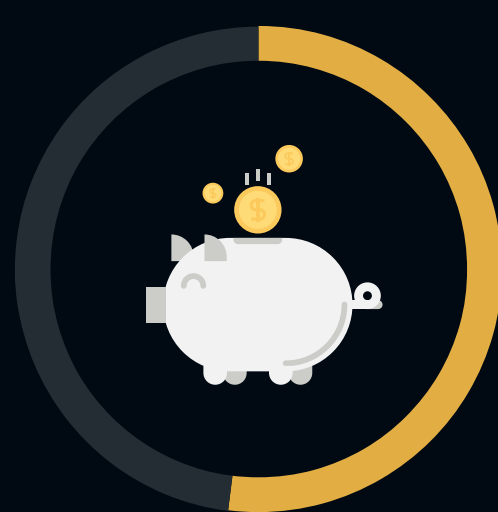
### COST EFFICIENCY

Organizations can make substantial improvements to the cost efficiency of OpenSearch Service compute instances and storage.



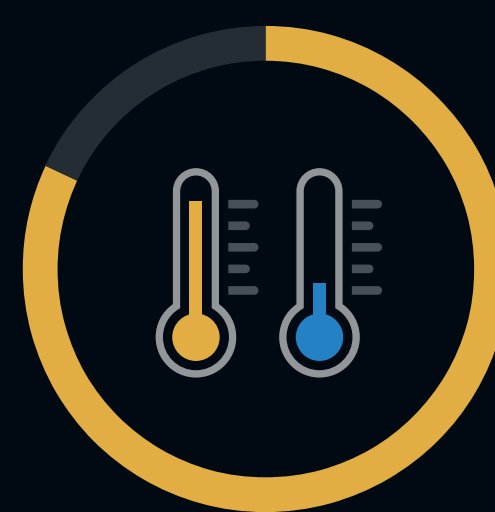
10%

Graviton instances are 10% less expensive than 5th-generation X86 instances.



52%

Reserved Instances provide up to 52% savings off list price.



82%

UltraWarm and Cold Storage, used in combination, can help reduce storage costs by as much as 82%.

### SECURITY

AWS has built in numerous new security features for OpenSearch Service, including fine-grained access control, encryption, access policies, enhanced authentication, and much more.



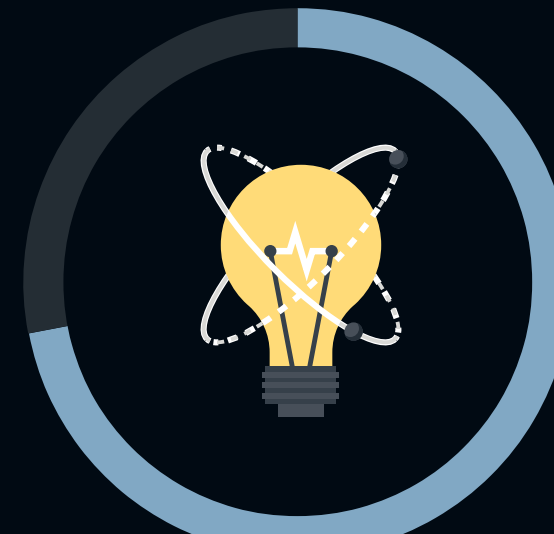
80% of OpenSearch Service customers can improve their security posture by upgrading to new software versions.

### AVAILABILITY

There are significant differences in availability and resiliency for OpenSearch Service environments based on how they are deployed and supported.



AWS resiliency guidelines call for the use of **at least two** Availability Zones (AZs), and **ideally three**, to support automated failover across AZs.



72%

of OpenSearch Service customers can improve resiliency by upgrading to the latest service version.

## Next Steps

AWS continues to invest in OpenSearch Service to help customers get even more economic and operational value from the analytics and search solution. AWS offers a free consultation to help potential users understand the unique value and benefits for their organization.

For more information about OpenSearch Service, please go to:  
<https://aws.amazon.com/opensearch-service/>

Visual discovery yields 200% increase in traffic:  
<https://aws.amazon.com/solutions/case-studies/syte-case-study/>

To learn how to build AI-powered search with OpenSearch Service from LexisNexis, go to:  
<https://aws.amazon.com/solutions/case-studies/lexisnexis-analysis-tool-aws-case-study/>

CMS reduces log data storage costs by 67%:  
<https://aws.amazon.com/solutions/case-studies/cms-case-study/>

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