



# How to Lower Cloud Costs with Azul Platform Prime + Apache Solr



**Accelerate catalog search by 30% with 1.5-5x more efficiency under load with Apache Solr and Azul Platform Prime.**

## What is Solr?

Apache Solr is an open-source program run on an application to create search capabilities that seamlessly locate information in data management systems, a process aided by the indexing feature to organize this data.

## What are the benefits of Solr?

Solr goes beyond search to provide benefits like these:

- **Integration** - Solr helps companies integrate their applications because it manages search requests efficiently, accommodates high volumes of information, and promotes innovation through its open-source components.
- **Response** - Solr can respond to search requests in real time with the index feature, ensuring data is managed efficiently.
- **Indexing and scalability** - Solr can accommodate high volumes of data so it can embrace scalability with no performance impacts. The indexing system synthesizes data and notes the important attributes.
- **Storage without performance impacts** - Solr has a high fault tolerance, and it can store index libraries across multiple servers, preventing performance impacts during any stop-the-world system failures.
- **Open source** - The open-source component of Solr promotes innovation and development for the program, as developers can collaborate to create technology improvements.

“Without Azul Prime, we would not have been able to deploy Apache Solr for our production system. Our customers could have experienced long pauses when searching for critical documents.”

**Mou Nandi**, Search Engineer and Architect [netdocuments](#)



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## How does Azul Platform Prime work with Apache Solr?

Azul Platform Prime drives up to 30% faster catalog search with 1.5-5x more efficiency under load. Customers running Solr on the cloud report nearly 40% fewer cloud instances needed with Azul Platform Prime, and significantly improved memory utilization on existing resources.

Platform Prime and Solr increase data densities by 20%, in some cases significantly greater. Platform Prime runs Solr 30% faster compared to other TCK-compliant OpenJDK distributions.



**30% Faster!**  
40% Fewer  
Cloud Instances.

Azul Platform Prime is a highly optimized version of OpenJDK that delivers superior performance, carrying capacity, infrastructure costs, and user experience. Platform Prime reduces infrastructure and cloud costs by using fewer instances, protecting you from volatility. Platform Prime to cut operating expenses for cloud services (with no over-provisioning) and drive continuous value.



## Customer Case Study

ZoomInfo transformed their customer's search experience by reducing cloud infrastructure spend by 38% while delivering 147% improvement in transactions per second (TPS).

## Contact Azul

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