

SearchStax Cloud Private - Google Cloud Platform



SearchStax Cloud Private - Google Cloud Platform is a fully managed, always-on, cost optimized Apache Solr service available in Google Cloud Platform via Virtual Private Cloud (VPC) that connects to your applications via Virtual Private Cloud. Based on Apache Solr and amplified by SearchStax, SearchStax Cloud Private -Google Cloud Platform delivers high security, availability, and scalability for your hosted search infrastructure needs.

High Security

For applications that demand high security and isolation, SearchStax Cloud Private-Google Cloud Platform secures your search infrastructure within a Virtual Private Cloud and enables traffic through Virtual Private Cloud Peering e.g. a network connection between the two VPC's (yours and ours). This effectively isolates your search infrastructure from other applications and traffic.

High Performance

Optimize your deployments for high performance. Since traffic is restricted to only approved exchanges, most network performance bottlenecks can be avoided.

High Availability

All standard or higher Cloud Private deployments are production ready. All are minimally three node clusters and front-ended with an elastic load balancer for auto-failover. In addition, SearchStax Cloud Private-Google Cloud Platform offers multi-node, multi-zone Solr clusters with automatic failover for production applications with the most demanding uptime requirements.

Effortless Scaling

Unknown or high variance sizing - no problem. Grow your deployments to any size needed - easily add or remove nodes to handle data size or query volume increases or decreases. Achieve horizontal and vertical scalability through sharding and replication.

Fully Automated Management

SearchStax enables you to host, deploy, and administer your Apache Solr search solution in the cloud. SearchStax offers on-demand and automated provisioning, scaling, backups, monitoring, alerting, comprehensive analytics, and administrative tools.

SLA-backed 24x7 Support

Our always-ready Solr experts are only a call or an email away – every day, all day and night, all year round. Enjoy peace of mind with fully managed Solr-as-a-Service.

Benefits

Greater Isolation, Security, and Compliance

A Virtual Private Cloud is a logically isolated portion of a public cloud that gives you a virtual network where you can launch instances with specific rules and policies for accessing other portions of the cloud and the Internet. This enables a high level of isolation and security and avoids potential risks like: attacks, DDoS, and other threats that can compromise your application security and compliance commitments.

Accelerated Timelines

Accelerate your time to market by flattening the Solr learning curve and amplifying your existing Solr expertise. Go straight to development by leveraging the power of the SearchStax cloud automation and orchestration platform. Focus on your search application and save months of headaches in setup, provisioning, production readiness, and administration.

No More Downtime

Available with seamless, automated failure detection and failover that ensures zero downtime for your applications in every failure scenario.

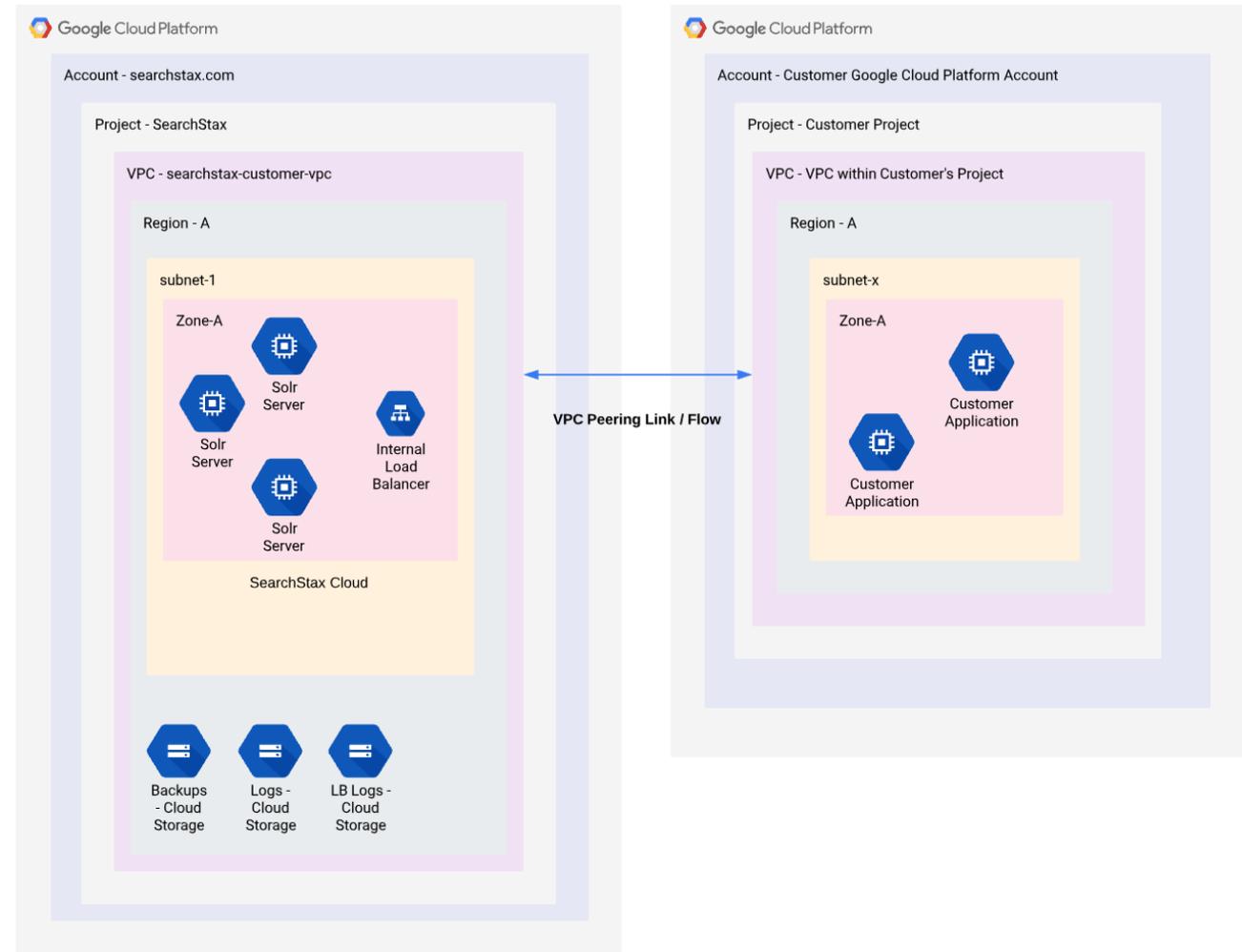
Reduced Operational Overhead

Shield your team from the complexity of Apache Solr search engine management. Deployments, scaling, upgrades, custom plugins/jars, backups, monitoring, and alerting. Available Managed Services by our search experts takes the care and feeding of your search infrastructure completely off of your hands and allows your team to focus on your unique business-critical tasks.

Deployment

SearchStax Cloud Private-Google Cloud Platform: Virtual Private Cloud

On a different VPC from your application servers and/or under a different Google Cloud Platform account. This deployment uses Virtual Private Cloud Peering for connectivity between your application and SearchStax Cloud Private-Google Cloud Platform. This guarantees that all of the operational aspects of managing Apache Solr are completely isolated from your application.



To learn more about SearchStax, visit <https://www.searchstax.com>