

Security Pack

SearchStax Managed Solr is a fully-managed SaaS solution that automates, manages and scales Solr search infrastructure in public or private clouds.

Managed Solr provides the following security components for all customers:

- ✓ Industry-standard security at the Solr cluster level and network level
- ✓ Environments secured with SSL out-of-the-box using Solr basic authentication
- ✓ Custom firewall rules to lock down search infrastructure to a whitelist of IP addresses
- ✓ Two-Factor Authentication (2FA) to increase log-on security
- ✓ Regular quarterly scans to identify and patch any Apache Solr vulnerabilities



SearchStax also offers a bundled add-on Security Pack that provides greater levels of security for organizations with more stringent business requirements around sensitive personal, financial or medical information. The Security Pack is a \$500 per month addition at the account level which covers all of your Managed Solr deployments.

SERVICES AT-A-GLANCE

SINGLE SIGN-ON (SSO)

SSO provides a frictionless user experience by allowing a user to sign on to a SearchStax application using the same credentials they use for other applications within their company. The use of SSO enforces risk-based access policies and automates provisioning workflows and enables self-service tools to help companies reduce IT costs.

Our SSO uses the Microsoft Azure Active Directory and open standard Security Assertion Markup Language (SAML) to pass authorization credentials to service providers.

ENCRYPTION AT REST

Encryption at rest converts sensitive data into another form of data that can only be read by someone else who has the matching encryption key. Using encryption at rest prevents the unauthorized users from accessing the unencrypted data by ensuring that all data is encrypted when it is on disk.

When the Security Pack is applied to an account, all information on hard drives including solid state drives (SSD), and blob and S3 storage resources have encryption enabled, increasing the level of security.

TRANSPORT LAYER SECURITY AND CIPHERS

Transport Layer Security (TLS) is a cryptographic protocol designed to provide communications security over a computer network. TLS protocol provides privacy and data integrity between two or more communicating applications.

The Security Pack allows the customer to specify the TLS version and ciphers. Additional information on TLS can be found in the FAQ section of our online documentation.

MONTHLY VULNERABILITY SCANS

With the Security Pack, we increase the frequency of vulnerability scans from quarterly to monthly. For customers with the Security Pack, we scan all of our Solr deployments on a monthly basis and apply any appropriate patches as necessary.

PRIORITY APACHE SOLR PATCHING

We provide priority patching to all Security Pack customers. This means that their deployments will move to the front of the line when our Support team is applying the latest Apache Solr patches.