



CRUNCHY

Multi-Level Security PostgreSQL

DATASHEET

About Crunchy Data

Crunchy Data is a leading provider of trusted open source PostgreSQL technology, support and training.

- 100% open source business model - Crunchy Certified PostgreSQL, including Crunchy PostgreSQL extensions and tools are 100% open source and provided with full source code
- Active PostgreSQL community members and core code committers on Crunchy Staff
- 100% US-based support and engineering staff
- 24x7 Technical Support
- Common Criteria Certified



Crunchy's mission is to help organizations accelerate innovation and success by leveraging the most advanced and cost-effective open source object-relational database platform as the foundation for their application infrastructures.

Crunchy Data

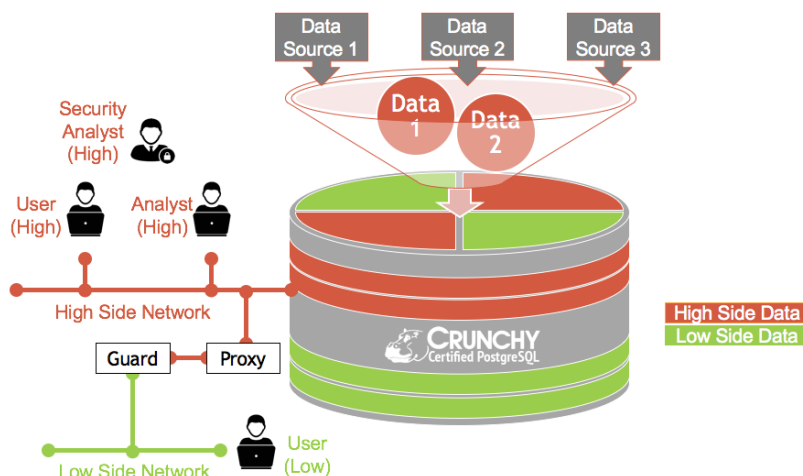
146 Fairchild Street, Suite 134
Charleston, SC 29492
+1-843-737-6045
info@crunchydata.com

Crunchy MLS PostgreSQL

Crunchy MLS PostgreSQL is an open source extension to PostgreSQL enabling the use of PostgreSQL in Multi-Level Security Environments. US Government agencies can leverage Crunchy Certified PostgreSQL to confidently and securely deploy one MLS database and one copy of the data - eliminating the need for redundant hardware, software licenses, and / or hosting typically associated with the use of data with multiple security levels.

Developed to Support Multi-Level Security Environments

Multi-Level Security Environments require users with different security clearances and needs-to-know to access and process information with incompatible classifications, while preventing users from obtaining access to information for which they lack authorization. Often MLS Environments rely on redundant databases and copies of the data in order to segregate data of different classifications. Crunchy MLS PostgreSQL is designed to enforce security policies based on US Government applicable classifications (Confidential, Secret, and Top Secret) and allow the US Government to maintain data at multiple security levels within a single database.



Advanced Integration with Trusted Operating System

To support the use of PostgreSQL in MLS environments, Crunchy MLS PostgreSQL accesses RHEL SELinux via PostgreSQL RLS and utilizes a customized version of a PostgreSQL extension that supports label-based mandatory access control (MAC) based on SELinux security policy. This allows explicit control of what data users can see. Combined with the PostgreSQL SECURITY LABEL command, sepgsql overlays a SELinux based MAC system on top of PostgreSQL's normal DAC system.

How can I get Support for Crunchy MLS PostgreSQL?

Secure, 100% US-based professional technical support for Crunchy MLS PostgreSQL is available via Crunchy Data's Secure Enterprise Support and the **Crunchy Certified PostgreSQL** distribution which is Common Criteria Certified and includes the following:

Crunchy Certified PostgreSQL Distribution:

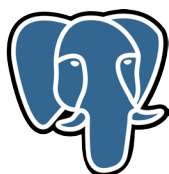
- **PostgreSQL 9.5**
 - ANSI-SQL:2008 standards compliant
 - JSON Support for NoSQL
 - ACID compliant
 - Highly customizable
 - Packaged for Red Hat Enterprise Linux
- **Crunchy MLS PostgreSQL**
- **PostGIS**
 - An advanced open source spatial database extension to PostgreSQL
- **PostgreSQL Audit**
 - An open source audit log generator extension to PostgreSQL
- **Common Criteria EAL2+ Certification**



Also Available from Crunchy:

Crunchy PostgreSQL Container Suite

- PostgreSQL 9.5 and DBA tooling packaged in a set of Docker containers with integration hooks for OpenShift and Kubernetes.
- Enables cloud native micro-services architecture for managing and running PostgreSQL



PostgreSQL is a powerful, open source, object-relational database system with more than 20 years of active development and a strong global development community. Enterprises with a focus on advanced data management can benefit from PostgreSQL's proven architecture and reputation for reliability, data integrity, and cost effectiveness. PostgreSQL was recently named "Best Database Overall" by Database Trends and Applications 2015 Readers Choice Awards.

