

# CERF 5.0 RELEASE NOTES

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## ARCHITECTURE

- Updated to Java 1.8, MySQL 5.7.10, Tomcat 8.5.5, ActiveMQ 5.14, and GXT 2.2.4

## DEPLOYMENT

- Modern server installers provide streamlined installation and future upgrades.
- Clients now support latest OS features in both Windows and macOS.
- Server now allows non-standard ActiveMQ ports

## SEARCH

- New search parameters: Now you can search by file extension, by the CERF Resource ID, or within any specific collection.

## SSL

- Server now supports modern certificates including SHA256 with RSA 2048

## EMAIL

- Added SSL and TLS support. You can now use popular email servers like Gmail to send your notifications.

## USER INTERFACE

- Upgraded all of CERF's graphics, toolbars and icons for a clean and modern user experience.
- Combined and simplified the comment and note features.
- Overall workflow simplification throughout the system that makes CERF easier to use while keeping every feature at your fingertips.

## BUGFIXES

- Patched insecure resource downloading
- Multiple ActiveMQ improvements
- Multiple security enhancements
- Fixed session closing on SSL servers
- Changed loading priority of document tree to improve navigation speed.
- Multiple improvements made to version history and branch protection.
- Removed the deprecated CERF Resource Page feature.
- Fixed a web portal log in error that occurred on some browsers

... and dozens of updated internal components.