

# Heureka Software

Version 2020.2 Release Notes

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## Enhancements

### Multi-Threaded Agent Search

Version 2020.2 can now search indexed files using multiple threads. The number of search threads is configurable for each individual endpoint via the agent.config file. This enhancement will speed up searching on multi-core machines.

### Sharded Agent Index

The search index now has the ability to be scaled horizontally via sharding. As the search index grows in size, the speed in which it can be searched diminishes. This enhancement breaks up a single index into multiple indexes, called shards, to allow parallel searching against smaller indexes. This enhancement will shorten the time required to create and search a large index, such as a file-share index. The number of shards is configurable via the agent.config file found on the endpoint.

### New High-Performance Indexing Appliance

In addition to the standard Indexing Appliance already provided by Heureka, this is a new indexing appliance provided as a virtual machine on OVA format built on CentOS which uses the new multi-threaded and sharding capabilities of the agent along with utilizing PostgreSQL for the internal metadata database. This new appliance provides a significant performance boost when creating large indexes.

## Bug Fixes & Improvements

### Agent Support for PostgreSQL

Heureka endpoints now have the option of using PostgreSQL for the internal metadata database for increased performance and reliability on large indexes. PostgreSQL support can be enabled via the agent.config file found on the endpoint.

### Auto Reclassify When Custom Tags Are Removed

In support of custom classifications, we have implemented an improvement such that once a custom classification tag is removed, the classification engine will apply standard classification rules to automatically reclassify those data items during the next filesystem scan.

### Windows Container Path Support

There was an issue indexing into containers on Windows filesystems that contained paths that were not valid on a Windows partition but permissible inside a containers such as zip and pst files. This issue has been resolved.

## Known Issues

### macOS® Catalina

Apple's recently introduced Catalina brought forth a number of privacy changes and updates. Heureka's system provides file level access to data via indexing and includes tools for quarantining and deleting. In order to accomplish these tasks, Heureka requires full disk access to each endpoint it is installed on.

Catalina does **not** automatically provide full disk access when installed by an administrator. Therefore, in order for Heureka to continue operating as normal, a user must enable Full Disk Access for Heureka's self-contained JRE (Java). Follow the steps below to enable Full Disk Access.



1. On the Mac, navigate to System Preferences > Security & Privacy button.
2. Unlock the change control in the lower left corner. (Requires administrator rights)
3. Scroll down on the list at the left until you see "Full Disk Access". Select the Full Disk Access.
4. At the right you will see "java" listed. Select the checkbox next to java.
5. Lock the page by selecting the lock icon in the lower left.





Heureka Software is a technical leader in endpoint search, identify and classification software. Our goal is to bring order to unstructured data by identifying risk while helping you realize the value of unstructured data across all endpoints.

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