System requirements

The following are the minimum system requirements needed to run an eagle-i node.

- RAM: 6 GB
- Disk: 100 GB
- CPU: 2 core

- Linux
- Java 1.7
- Mail Server

Please note that only the reference configuration described below has been tested and supported. We are unable to provide support for all flavors of linux, servlet containers, hardware, etc. The current eagle-i network deployment is a reference configuration. In this deployment, eagle-i nodes are VMs with the following configuration:

- RAM: 6 GB
- Disk: 100 GB
- CPU: 2 core
- Architecture: 64bit
- Operating system: CentOS 6.7
- Java environment: Sun JDK v. 1.8.0_66, 64 bit
- Servlet container: Apache Tomcat/7.0.39[1]
- [2]RDBMS: MySQL 5.5
- [3]Mail server: Postfix 2.6.6

In addition, the eagle-i network uses a central server for hosting the central search application and a few other central services. The configuration of the central server is similar to that of the institutional servers.

1. The library `tomcat-dbcp-7.0.30.jar` from the repositories is corrupted, replace it with http://search.maven.org/remotecontent?filepath=org/apache/tomcat/tomcat-dbcp/7.0.30/tomcat-dbcp-7.0.30.jar (https://stackoverflow.com/questions/14712308/ubuntu-tomcat7-java-lang-classnotfoundexception-org-apache-tomcat-dbcp-dbcp-bas)
2. A relational database management system is used for logging search requests. This is an optional feature.
3. A mail server is used to enable resource owners to be contacted from the search instance pages.