

# configuration.yml

The file *configuration.yml* contains the main configuration of OpenCGA Catalog.

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### configuration.yml

```
logLevel: "INFO"
logFile: null

openRegister: false
userDefaultQuota: 200000

databasePrefix: ${OPENCGA.DB.PREFIX}
dataDir: ${OPENCGA.USER.WORKSPACE}
tempJobsDir: ${OPENCGA.JOBS.DIR}
toolDir: ${OPENCGA.TOOLS.DIR}

admin:
  password: ""
  email: ""

audit:
  maxDocuments: 20000000 # Maximum number of
  documents that will be created in the audit
  collection.
  maxSize: 1000000000000 # Maximum size that
  the audit collection will have in bytes.
  javaClass: "" # Java class of the
  audit implementation to be used to audit.
  exclude: [] # Array of
  resource:action to select pairwise
  resource-actions to be excluded for audit
  purposes.

monitor:
  daysToRemove: 30
  executionDaemonInterval: 4000 # number of
  milliseconds between checks
  fileDaemonInterval: 8000 # number of
  milliseconds between checks
  port: ${OPENCGA.MONITOR.PORT}

execution:
  mode: ${OPENCGA.EXECUTION.MODE}
  defaultQueue: ""
  availableQueues: ""
  toolsPerQueue: {}

email:
  host: ${OPENCGA.MAIL.HOST}
  port: ${OPENCGA.MAIL.PORT}
  user: ${OPENCGA.MAIL.USER}
```

```
password: ${OPENCGA.MAIL.PASSWORD}
from: ""
ssl: false

catalog:
  # offset: Starting point for the catalog
  # internal ids. Use a big offset number (1000000
  # for instance) if you plan to use numerical ids
  # for names or aliases of any entity.
  offset: 0
  database:
    hosts:
      - ${OPENCGA.CATALOG.DB.HOSTS}
    user: ${OPENCGA.CATALOG.DB.USER}
    password: ${OPENCGA.CATALOG.DB.PASSWORD}
    options:
      authenticationDatabase:
        ${OPENCGA.CATALOG.DB.AUTHENTICATION_DATABASE}
      connectionsPerHost:
        ${OPENCGA.CATALOG.DB.CONNECTIONS_PER_HOST}

authentication:
  # Session expiration time in seconds
  expiration: 3600
  # LDAP configuration example
  #authenticationOrigins:
  #- id: ldap          # Any id
  # type: LDAP        # At the moment, we
  # only support LDAP
  # host: ldap://localhost:9000
  # options:
  # usersSearch: dc=ge,dc=co,dc=uk # Base
  # search to look for the users
  # groupsSearch:
  # ou=general,ou=groups,dc=ge,dc=co,dc=uk # Base
  # search to look for the groups

server:
  rest:
    port: ${OPENCGA.SERVER.REST.PORT}
    logfile: null
    defaultLimit: 2000
    maxLimit: 5000
```

```
grpc:
  port: ${OPENCGA.SERVER.GRPC.PORT}
  logFile: null
```

The file is divided into several sections that will be explained in detail.

## Root file

The first sections of the file *logLevel* and *logFile* should contain the level of the logs that will be reported (info, debug, warning, error) and whether this logs should be streamed to a file or via the standard output.

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