

Blancco Management Console logging levels

Blancco Management Console uses standard Apache [Log4j 2](#) as the logging framework. In addition, Apache Tomcat implements the access logging.

Following directories are used for storing log files:

- Log4j: [Installation path]\logs\
- Apache Tomcat: [Installation path]\apache-tomcat\logs\

Log4j configuration

The configuration file is located at: [Installation path]\apache-tomcat\webapps\ROOT\WEB-INF\classes\log4j2.xml.

Blancco Management Console is required to be restarted after changes of log configuration file.

The main log level can be set by XML element: <Root level="info">

Available logging levels:

- trace - log all HTTP communication messages with erasure clients and Asset Management System (AMS)
 - **NOTE!** trace level logging is only available on BMC version 4.8.0 or newer.
- debug - logs verbose debug information, not recommended in production
- info - the default logging level of Blancco Management Console
- audit - info level logging and audit logging to the separate file (audit.log)
- warn - logs warnings and errors
- error - logs only errors
- off - logging is completely disabled

Log4j archives old log files into ZIP files. The maximum size of open log file is defined by XML element <SizeBasedTriggeringPolicy size="100MB"/>, separately for main.log and audit.log.

Archived log files are stored into date formatted path: [Installation path]/logs/archive-logs/<yyyy-mm>/<app|audit>-yyyy-mm-dd-n.log.zip

Apache Tomcat logging configuration

The access logging is implemented by standard Apache Tomcat [AccessLogValve](#) in server.xml. By default the pattern is 'common' but also 'combined' can be used.

The access logs are written into daily files named bmc_access_log.<yyyy-mm-dd>.txt.