

Information about installation in restricted environments

Log Files

Magic Collaboration Studio runs under the Magic Collaboration Studio user and by default stores Magic Collaboration Studio and Authserver log files under this user's profile (*/home/twcloud*). There are 2 configuration files that control the location of these log files:

- [/opt/local/TeamworkCloud/configuration/logback.xml](#) - controls the location of the Magic Collaboration Studio log files.
- [/opt/local/TeamworkCloud/WebAppPlatform/shared/conf/logback.xml](#) - controls the location of the WebApp services log files.

In the *logback.xml* this file, there are settings for log files that must be edited.

[/opt/local/TeamworkCloud/configuration/logback.xml](#)

```
<appender name="SERVER-FILE" class="ch.qos.logback.core.rolling.RollingFileAppender">
  <file>${user.home}/.twcloud/2022x/server.log</file>
  <rollingPolicy class="ch.qos.logback.core.rolling.SizeAndTimeBasedRollingPolicy">
    <fileNamePattern>${user.home}/.twcloud/2022x/server.%d{yyyy-MM-dd}.%i.log.zip</fileNamePattern>
    <maxFileSize>50MB</maxFileSize>
    <totalSizeCap>1024MB</totalSizeCap>
  </rollingPolicy>
  <encoder>
    <pattern>%-5.5level %date{YYYY-MM-dd HH:mm:ss.SSSXXX} %message [%logger{200}, %thread{10}]\n</pattern>
  </encoder>
</appender>

<appender name="SERVER-STARTUP-CONFIG-FILE" class="ch.qos.logback.core.rolling.RollingFileAppender">
  <file>${user.home}/.twcloud/2022x/startup-config.log</file>
  <rollingPolicy class="ch.qos.logback.core.rolling.SizeAndTimeBasedRollingPolicy">
    <fileNamePattern>${user.home}/.twcloud/2022x/startup-config.%d{yyyy-MM-dd}.%i.log.zip<
/fileNamePattern>
    <maxFileSize>50MB</maxFileSize>
    <totalSizeCap>1024MB</totalSizeCap>
  </rollingPolicy>
  <encoder>
    <pattern>%-5.5level %date{YYYY-MM-dd HH:mm:ss.SSSXXX} %message %n</pattern>
  </encoder>
</appender>

<appender name="SECURITY-FILE" class="ch.qos.logback.core.rolling.RollingFileAppender">
  <file>${user.home}/.twcloud/2022x/security.log</file>
  <rollingPolicy class="ch.qos.logback.core.rolling.TimeBasedRollingPolicy">
    <!-- daily rollover -->
    <fileNamePattern>${user.home}/.twcloud/2022x/security.%d{yyyy-MM-dd}.log</fileNamePattern>
  </rollingPolicy>
  <encoder>
    <pattern>%-5.5level %date{YYYY-MM-dd HH:mm:ss.SSSXXX} %message [%logger{200}, %thread{10}]\n</pattern>
  </encoder>
</appender>
```

In each section, there are 2 settings that must be modified: **file** and **fileNamePattern**. The **file** setting controls the absolute path to the latest log file. The **fileNamePattern** setting controls the naming convention for the log file archiving. In most cases, it will suffice to replace the **\${user.home}** token with a different location, but you must ensure that the Magic Collaboration Studio user has ownership of the target directories.

The *logback-spring.xml* file contains one section which must be modified.

[/opt/local/TeamworkCloud/WebAppPlatform/shared/conf/logback.xml](#)

```
<appender name="WEB-APP-FILE" class="ch.qos.logback.core.rolling.RollingFileAppender">
  <append>true</append>
  <file>${WEBAPP_LOG_BASE}/logs/webappplatform/web-app.log</file>
  <rollingPolicy class="ch.qos.logback.core.rolling.FixedWindowRollingPolicy">
    <fileNamePattern>${WEBAPP_LOG_BASE}/logs/webappplatform/web-app.%i.log.zip</fileNamePattern>
    <minIndex>1</minIndex>
    <maxIndex>10</maxIndex>
  </rollingPolicy>
```

```

<triggeringPolicy class="ch.qos.logback.core.rolling.SizeBasedTriggeringPolicy">
  <maxFileSize>100MB</maxFileSize>
</triggeringPolicy>
<encoder class="ch.qos.logback.classic.encoder.PatternLayoutEncoder">
  <pattern>%date [%thread] %-5level %logger - %msg%n</pattern>
</encoder>
</appender>

<appender name="TWC_RESPONSE_FILE" class="ch.qos.logback.core.rolling.RollingFileAppender">
  <append>true</append>
  <file>${WEBAPP_LOG_BASE}/logs/webappplatform/twc_rest.log</file>
  <rollingPolicy class="ch.qos.logback.core.rolling.FixedWindowRollingPolicy">
    <fileNamePattern>${WEBAPP_LOG_BASE}/logs/webappplatform/twc_rest.%d{yyyy-MM-dd}.%i.log</fileNamePattern>
    <minIndex>1</minIndex>
    <maxIndex>10</maxIndex>
  </rollingPolicy>
  <triggeringPolicy class="ch.qos.logback.core.rolling.SizeBasedTriggeringPolicy">
    <maxFileSize>100MB</maxFileSize>
  </triggeringPolicy>
  <encoder class="ch.qos.logback.classic.encoder.PatternLayoutEncoder">
    <pattern>%date [%thread] %-5level %logger - %msg%n</pattern>
  </encoder>
</appender>

<appender name="ADMIN-CONSOLE-FILE" class="ch.qos.logback.core.rolling.RollingFileAppender">
  <file>${WEBAPP_LOG_BASE}/logs/webappplatform/admin-console.log</file>
  <rollingPolicy class="ch.qos.logback.core.rolling.FixedWindowRollingPolicy">
    <fileNamePattern>${WEBAPP_LOG_BASE}/logs/webappplatform/admin-console.%i.log.zip</fileNamePattern>
    <minIndex>1</minIndex>
    <maxIndex>10</maxIndex>
  </rollingPolicy>
  <triggeringPolicy class="ch.qos.logback.core.rolling.SizeBasedTriggeringPolicy">
    <maxFileSize>100MB</maxFileSize>
  </triggeringPolicy>
  <encoder class="ch.qos.logback.classic.encoder.PatternLayoutEncoder">
    <pattern>%date [%thread] %-5level %logger - %msg%n</pattern>
  </encoder>
</appender>

<appender name="COLLABORATOR-FILE" class="ch.qos.logback.core.rolling.RollingFileAppender">
  <append>true</append>
  <file>${WEBAPP_LOG_BASE}/logs/webappplatform/collaborator.log</file>
  <rollingPolicy class="ch.qos.logback.core.rolling.FixedWindowRollingPolicy">
    <fileNamePattern>${WEBAPP_LOG_BASE}/logs/webappplatform/collaborator.%i.log.zip</fileNamePattern>
    <minIndex>1</minIndex>
    <maxIndex>10</maxIndex>
  </rollingPolicy>
  <triggeringPolicy class="ch.qos.logback.core.rolling.SizeBasedTriggeringPolicy">
    <maxFileSize>100MB</maxFileSize>
  </triggeringPolicy>
  <encoder class="ch.qos.logback.classic.encoder.PatternLayoutEncoder">
    <pattern>%date [%thread] %-5level %logger - %msg%n</pattern>
  </encoder>
</appender>

<appender name="DOCUMENT-EXPORTER-FILE" class="ch.qos.logback.core.rolling.RollingFileAppender">
  <file>${WEBAPP_LOG_BASE}/logs/webappplatform/document-exporter.log</file>
  <rollingPolicy class="ch.qos.logback.core.rolling.FixedWindowRollingPolicy">
    <fileNamePattern>${WEBAPP_LOG_BASE}/logs/webappplatform/document-exporter.%i.log.zip</fileNamePattern>
    <minIndex>1</minIndex>
    <maxIndex>10</maxIndex>
  </rollingPolicy>
  <triggeringPolicy class="ch.qos.logback.core.rolling.SizeBasedTriggeringPolicy">
    <maxFileSize>100MB</maxFileSize>
  </triggeringPolicy>
  <encoder class="ch.qos.logback.classic.encoder.PatternLayoutEncoder">
    <pattern>%date [%thread] %-5level %logger - %msg%n</pattern>
  </encoder>
</appender>

<appender name="RESOURCES-FILE" class="ch.qos.logback.core.rolling.RollingFileAppender">

```

```

<append>true</append>
<file>${WEBAPP_LOG_BASE}/logs/webappplatform/resources.log</file>
<rollingPolicy class="ch.qos.logback.core.rolling.FixedWindowRollingPolicy">
  <fileNamePattern>${WEBAPP_LOG_BASE}/logs/webappplatform/resources.%i.log.zip</fileNamePattern>
  <minIndex>1</minIndex>
  <maxIndex>10</maxIndex>
</rollingPolicy>
<triggeringPolicy class="ch.qos.logback.core.rolling.SizeBasedTriggeringPolicy">
  <maxFileSize>100MB</maxFileSize>
</triggeringPolicy>
<encoder class="ch.qos.logback.classic.encoder.PatternLayoutEncoder">
  <pattern>%date [%thread] %-5level %logger - %msg%n</pattern>
</encoder>
</appender>

<appender name="RESOURCE-USAGE-MAP-FILE" class="ch.qos.logback.core.rolling.RollingFileAppender">
  <file>${WEBAPP_LOG_BASE}/logs/webappplatform/resource-usage-map.log</file>
  <rollingPolicy class="ch.qos.logback.core.rolling.FixedWindowRollingPolicy">
    <fileNamePattern>${WEBAPP_LOG_BASE}/logs/webappplatform/resource-usage-map.%i.log.zip</fileNamePattern>
    <minIndex>1</minIndex>
    <maxIndex>10</maxIndex>
  </rollingPolicy>
  <triggeringPolicy class="ch.qos.logback.core.rolling.SizeBasedTriggeringPolicy">
    <maxFileSize>100MB</maxFileSize>
  </triggeringPolicy>
  <encoder class="ch.qos.logback.classic.encoder.PatternLayoutEncoder">
    <pattern>%date [%thread] %-5level %logger - %msg%n</pattern>
  </encoder>
</appender>

<appender name="REPORTS-FILE" class="ch.qos.logback.core.rolling.RollingFileAppender">
  <file>${WEBAPP_LOG_BASE}/logs/webappplatform/reports.log</file>
  <rollingPolicy class="ch.qos.logback.core.rolling.FixedWindowRollingPolicy">
    <fileNamePattern>${WEBAPP_LOG_BASE}/logs/webappplatform/reports.%i.log.zip</fileNamePattern>
    <minIndex>1</minIndex>
    <maxIndex>10</maxIndex>
  </rollingPolicy>
  <triggeringPolicy class="ch.qos.logback.core.rolling.SizeBasedTriggeringPolicy">
    <maxFileSize>100MB</maxFileSize>
  </triggeringPolicy>
  <encoder class="ch.qos.logback.classic.encoder.PatternLayoutEncoder">
    <pattern>%date [%thread] %-5level %logger - %msg%n</pattern>
  </encoder>
</appender>

<appender name="SIMULATION-FILE" class="ch.qos.logback.core.rolling.RollingFileAppender">
  <append>true</append>
  <file>${WEBAPP_LOG_BASE}/logs/webappplatform/simulation.log</file>
  <rollingPolicy class="ch.qos.logback.core.rolling.FixedWindowRollingPolicy">
    <fileNamePattern>${WEBAPP_LOG_BASE}/logs/webappplatform/simulation.%i.log.zip</fileNamePattern>
    <minIndex>1</minIndex>
    <maxIndex>10</maxIndex>
  </rollingPolicy>
  <triggeringPolicy class="ch.qos.logback.core.rolling.SizeBasedTriggeringPolicy">
    <maxFileSize>100MB</maxFileSize>
  </triggeringPolicy>
  <encoder class="ch.qos.logback.classic.encoder.PatternLayoutEncoder">
    <pattern>%date [%thread] %-5level %logger - %msg%n</pattern>
  </encoder>
</appender>

<appender name="AUTHENTICATION-FILE" class="ch.qos.logback.core.rolling.RollingFileAppender">
  <file>${WEBAPP_LOG_BASE}/logs/webappplatform/authentication.log</file>
  <rollingPolicy class="ch.qos.logback.core.rolling.FixedWindowRollingPolicy">
    <fileNamePattern>${WEBAPP_LOG_BASE}/logs/webappplatform/authentication.%i.log.zip</fileNamePattern>
    <minIndex>1</minIndex>
    <maxIndex>10</maxIndex>
  </rollingPolicy>
  <triggeringPolicy class="ch.qos.logback.core.rolling.SizeBasedTriggeringPolicy">
    <maxFileSize>100MB</maxFileSize>
  </triggeringPolicy>

```

```
<encoder class="ch.qos.logback.classic.encoder.PatternLayoutEncoder">
  <pattern>%date [%thread] %-5level %logger - %msg%n</pattern>
</encoder>
</appender>
```

The same changes and permissions apply to the changes in this file as to those in [/opt/local/TeamworkCloud/configuration/logback.xml](#).

Files installed on system locations

Daemon control files	Environment files	Cassandra installation
• <i>/etc/systemd/system/cassandra.service</i> • <i>/etc/systemd/system/twcloud.service</i> • <i>/etc/systemd/system/zookeeper.service</i> • <i>/etc/systemd/system/webapp.service</i>	• <i>/etc/cassandra/*</i> • <i>/etc/twcloud/*</i>	The script will place the data files in <i>/data/data</i> and commit logs to <i>/logs/commitlog</i>