



TM1 Technical Bulletin

Using Integrated Login Requires Renaming of the TM1 Server Log

Date: September 13, 2007

Relevant TM1 Versions: TM1 8.4.5, TM1 9.1.x, TM1 9.1 Unicode

This technical bulletin explains an issue that causes the log file for TM1 integrated login to overwrite the TM1 server message log.

Technical Issue:

If you are using a TM1 server with integrated login and the `ServerLogging` parameter in the `Tm1s.cfg` file is set to `True`, then the logging for the integrated login process overwrites the TM1 server message log. The TM1 server message log is overwritten when a client logs in using integrated login.

This happens because the logging for both of these components is written to the same file, `tm1server.log`, in the TM1 server data directory. The `tm1server.log` file also becomes locked and can not be deleted until the TM1 server is shutdown.

The two log files record the following information:

- The integrated login log contains messages about TM1 security activity that is associated with integrated login.
- The TM1 server message log records status messages on server activity such as executed processes, chores, loaded cubes and dimensions, and synchronized replication.

Workaround:

As a workaround, you can use the logging properties file, `tm1s-log.properties`, to assign a different file name for the TM1 server message log. The new file name must be something other than the default name, `tm1server.log`, used by TM1 for the integrated login log.

To configure a new file name for the TM1 server message log:

1. Locate the logging properties file, `tm1s-log.properties`, in the TM1 server data directory.
2. Edit or add the following parameter in the logging properties file:

```
log4j.appender.S1.File=file_name
```

where `file_name` is the name of the file where you want TM1 to record server log messages.

For example, edit/add the line as follows to assign a file name such as `tm1s_logger.log`.

```
log4j.appender.S1.File=tm1s_logger.log
```

3. Save and close the logging properties file.

The TM1 server checks for updates to the logging properties file every 5 seconds and will automatically detect the changes you made. You do not need to restart the TM1 server.

After completing the above changes, the log messages for integrated login will continue to be written to the `tm1server.log` file, and the messages for the TM1 server message log will now be written to the new file name that you entered.