



Measuring the z/OS System Logger – Part 1

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1 Introduction

Many z/OS components, subsystems and applications perform logging to record certain events. They produce a huge amount of log records every day. They are used for subsequent analysis, transaction processing and recovery.

The System Logger (Logger in the following) is a z/OS logging facility that frees those z/OS components, subsystems and applications from the need of maintaining their own individual methods of logging.

The Logger makes completely transparent to its exploiters the management of their log data by providing them all the necessary logging services such as:

- log data saving;
- log data integrity;
- log data retrieval;
- automatic log data archiving;
- automatic removal of expired log data.

The Logger also provides the ability to have a single log, by merging log data from multiple instances of an application, within the Sysplex.

In this paper, after a short and simplified description of the Logger architecture and exploiters, we will discuss the z/OS commands you can use to check its status.

Finally, we will focus on the SMF metrics that should be used to control the System Logger resource usage and performance.