



New Performance Metrics in MQ V8 and V9 - Part 1

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1 Introduction

MQ is a powerful message-oriented middleware which is playing a fundamental role in most of the current z/OS environments.

It is now very common for many business-critical applications in a z/OS environment to rely on MQ to be able to work and perform as expected.

MQ is normally very stable and provides good performance, however the impact of a badly performing MQ infrastructure can be so dramatic that it is critically important for any performance analyst to be able to understand, measure and tune both MQ components and workloads.

The more recent versions of MQ have introduced many interesting new metrics which allow us to analyse the activity of:

- 64 bit buffer pools
- page sets
- channel initiators, including their internal components such as adapters and dispatchers

In this paper we will discuss the most important of these metrics using examples from real customers' data.