

Is my z17 performing as expected? - Part 2

Fabio Massimo Ottaviani – EPV Technologies

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1 Introduction

Every time a new IBM machine is announced the LSPR benchmarks are published. They provide an indication of the performance of the new machine compared to the existing ones.

Based on these numbers, on the usage of available tools, such as IBM zPCR, and on their capacity planning methodology, customers decide the characteristics of the new machine model which better fit their application needs for the next years.

Once the upgrade has been completed some customers are happy, some are not satisfied, others simply are not able to understand if they get the expected performance benefits.

We regularly receive requests from some customers to help them evaluate the new machine's performance. This has also happened when upgrading to z17.

Their question is always the same: "Is my new machine performing as expected?"

In this paper we suggest a methodology which can help you answer this question, by setting and checking your expectations, choose the right data and the most relevant metrics to compare old and new machine performance.

This methodology was used in a real case which will serve as the guiding thread of the document.