



Lost in the SMT World (Part 1)

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1 Introduction

Are you confused by the many different terms now used to indicate the good old CPU?
Are you trying to understand what the maximum capacity factor is and how it is used?
Are you wandering what is the meaning of new metrics such as MT-1 equivalent time, thread density and core productivity?

If you answered yes to any of the above questions you are lost in the SMT world.

In this paper, after a short overview of SMT terminology and implementation in z/OS, we will discuss the most important new metrics you should use in capacity management activities when SMT is active.