

Measuring z/OS Connect

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1 Introduction

Cloud and mobile applications built on RESTful APIs, that use JSON message formats, are the predominant standards for new application development.

With z/OS Connect Enterprise Edition (z/OS Connect), IBM provides a framework that enables z/OS-based programs and data to play a fundamental role in an enterprise hybrid cloud strategy.

z/OS Connect allows z/OS resources (applications and data hosted in subsystems such as CICS, IMS, IBM MQ, and Db2) to be exposed as RESTful APIs.

Thanks to that, mobile and cloud application developers can incorporate z/OS data and transactions into their applications without the need to understand z/OS subsystems.

At the same time, z/OS Connect provides the capability for CICS, IMS, and z/OS applications to access any RESTful endpoint, inside or outside z/OS, through RESTful APIs with JSON formatted messages.

In this paper, after a short overview of the z/OS Connect architecture, we will discuss what you need to do to measure z/OS Connect activity:

- from outside, by using “traditional” measurements provided by SMF 30 and 72 records,
- from inside, by using the new SMF 123 records.