

Measurement Workload

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Discussion

A Measurement Workload describes the operations presented to a [Workload](#) or another measured entity while its [Performance](#) is measured.

A Measurement Workload may characterize requests, transactions, events, data volume, concurrency, arrival pattern, duration, or another aspect of the work presented. It identifies applied operations rather than the deployable or operational computing subject identified by Workload.

Definition

set of operations presented to an entity during a specified interval under specified conditions

Source

- DIDO Solutions derived definition
- [ISO/IEC 14756:1999, Information technology — Measurement and rating of performance of computer-based software systems](#), measurement and rating of system performance

Note

- A Measurement Workload identifies the operations presented, not the entity receiving them or the resulting Performance
- Equivalent Measurement Workloads need not contain identical operations when the governing Performance Criterion defines an acceptable equivalence
- Measurement Workload characteristics needed for interpretation or reproduction are recorded with the applicable [Performance Measurement](#) context

Example

A Measurement Workload may consist of 10,000 transactions presented to a transaction-processing Workload at 100 transactions per second for 100 seconds.

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