

# METRICS AVAILABLE IN SYBL

## 1. CORE METRICS

The metrics described here are the core metrics which are available within SYBL, if the User Guide is followed and the necessary components are properly installed.

#	Metric Name	Metric Description	Condition
1	cost	The cost for the application to be hosted on the cloud infrastructure, expressed in \$/h. For now it depends on the number of virtual machines, in the future will also include storage cost/ IOps cost.	MELA or Ganglia to be functional.
2	latency	The latency of access of the database.	For the latency plugins to be deployed – sybl provides this kind of plugins for Cassandra.
3	responseTime	The average time it takes for a request to be served.	
4	throughput	The number of requests served.	
5	cpuUsage	The CPU usage for the service topology, service unit or cloud service.	MELA or Ganglia to be functional.
6	memUsage	The memory usage for the service topology, service unit or cloud service.	MELA or Ganglia to be functional.

### !!!! Important Note

Each of the described metrics is valid under the described condition, and refers to the cloud service part (cloud service, service topology, service unit, code region) which the requirement targets.

## 2. METRIC CUSTOMIZATION MECHANISM

For adding new metrics, please follow the last section of the user guide. The metric will be usable from SYBL directives immediately.