Genesys Knowledge Center Deployment Guide

Monitoring Knowledge Center

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Monitoring Knowledge Center

Knowledge Center provides access to metrics and other key performance indicators (KPIs).

It also gives you the ability to configure Message Server alarms when a KPI passes its threshold value.

> ### Important
> Monitoring Capability supported by both Knowledge Center Server and Knowledge Center CMS.

Knowledge Center Metrics

Starting with release 8.5.000.13, Knowledge Center integrates with the third-party Metrics Java library to keep track of several Knowledge Center metrics. The Metrics toolkit includes counters, timers, histograms, and gauges.

You will probably want to use Java Management Extensions (JMX) as your main way of reporting on these metrics. We show how to do that here. Or you may want to check out some of the other tools that are available.

You can also use REST—which is helpful for performance testing—or write your metrics to a log file or to the console.

Knowledge Center Alarms

Knowledge Center lets you use tools from the Genesys Management Layer for monitoring and controlling your applications. These tools can be an important factor in improving performance—especially alarms, which let you set performance thresholds for these key metrics:

- Garbage collection latency
- Heap memory usage

Alarm Configuration

Alarm name	Alarm description	Alarm Condition object						Related configuration option
Threshold type	Selection mode	Application type	Detect Event ID	Cancel Event ID				
Heap Memory Usage	Defines the heap memory usage threshold value. This is the ratio of used heap memory to maximum heap memory.				100001	100002		HeapMemoryUsage.threshold
GC Latency	Defines the garbage collection latency threshold value, in milliseconds, in relation to the last time the garbage was collected within the configured time interval.	predefined	Select by Application Type	Knowledge Center Backend Server	10005	10006		GcLatency.threshold