

Solr Monitoring

How do I enable JMX in Solr

Add or uncomment the `<jmx/>` directive in `solrconfig.xml` and restart Solr. See <https://wiki.apache.org/solr/SolrJmx> for more info.

I am using SPM for Solr and I don't see any data on Solr and JVM reports, what is the problem

You should probably enable JMX in your Solr. Add or uncomment the `<jmx/>` directive in `solrconfig.xml` and restart Solr. See <https://wiki.apache.org/solr/SolrJmx> for more info.

I am using SPM for Solr and I don't see any data only in Solr Components or Errors reports, what should I do

Most likely you are using standalone variant of Solr monitor. In that case, SPM monitor can't collect metrics which are available only when running in-process. If so, switch to in-process (javaagent) version of SPM monitor.

Metrics

Report: Request Rate & Latency

Chart: Req. Rate

Metric Name	Metric Description	req. count	req. count	req. rate
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Chart: Req. Latency

Metric Name	Metric Description	perc. latency	avg. latency
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Report: Solr Components

Chart: Solr Components Times (Avg)

Metric Name	Metric Description	avg. time
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Report: Warmup

Chart: Warmup Times

Metric Name | Metric Description — | — warmup time |

Report: Error

Chart: Errors Count

Metric Name | Metric Description — | — error count |

Report: Indexing

Chart: Other Events

Metric Name | Metric Description — | — update errors | expunge deletes | optimizes | rollbacks |

Chart: Added Docs

Metric Name | Metric Description — | — added docs | added docs rate | docs pending |

Chart: Commit Events

Metric Name | Metric Description — | — commits | autocommits | soft commits | autocommit max time |

Chart: Deletes

Metric Name | Metric Description — | — deletes by id | deletes by query |

Report: Cache

Chart: Per Segment Filter Cache

Metric Name | Metric Description — | — autowarm count or % | evictions | hits % | hits | lookups | max. size | size |

Chart: Document Cache

Metric Name | Metric Description — | — autowarm count or % | evictions | hits % | hits | lookups | max. size | size |

Chart: Query Result Cache

Metric Name | Metric Description — | — autowarm count or % | evictions | hits
% | hits | lookups | max.size | size |

Chart: Filter Cache

Metric Name | Metric Description — | — autowarm count or % | evictions | hits
% | hits | lookups | max. size | size |

Report: Index

Chart: Solr Index Stats

Metric Name | Metric Description — | — max doc | num docs | segments |
deleted docs |

Chart: File System Stats

Metric Name | Metric Description — | — num of files | size on the disk |