

Default mapred Parameters

Property	Description
io.sort.record.percent	Default value: 0.17 Default source: code
map.sort.class	Default value: org.apache.hadoop.util.QuickSort Default source: mapred-default.xml
mapr.localoutput.dir	Default value: output Default source: code
mapr.localspill.dir	Default value: spill Default source: code
mapr.map.keyprefix.ints	Default value: 1 Default source: code
mapr.mapred.localvolume.root.dir.name	Default value: nodeManager Default source: code
mapreduce.am.max-attempts	Default value: 2 Default source: mapred-default.xml
mapreduce.app-submission.cross-platform	Default value: FALSE Default source: mapred-default.xml
mapreduce.client.completion.pollinterval	Default value: 5000 Default source: mapred-default.xml
mapreduce.client.output.filter	Default value: FAILED Default source: mapred-default.xml
mapreduce.client.progressmonitor.pollinterval	Default value: 1000 Default source: mapred-default.xml
mapreduce.client.submit.file.replication	Default value: 10 Default source: mapred-default.xml
mapreduce.cluster.acls.enabled	Default value: FALSE Default source: mapred-default.xml
mapreduce.cluster.local.dir	Default value: \${hadoop.tmp.dir}/mapred/local Default source: mapred-default.xml
mapreduce.cluster.temp.dir	Default value: \${hadoop.tmp.dir}/mapred/temp Default source: mapred-default.xml

2/1/2018	Default mapred Parameters
mapreduce.fileoutputcommitter.algorithm.version	Default value: 1 Default source: mapred-default.xml
mapreduce.framework.name	Default value: yarn Default source: code
mapreduce.ifile.readahead	Default value: TRUE Default source: mapred-default.xml
mapreduce.ifile.readahead.bytes	Default value: 4194304 Default source: mapred-default.xml
mapreduce.input.fileinputformat.list-status.num-threads	Default value: 1 Default source: mapred-default.xml
mapreduce.input.fileinputformat.split.minsize	Default value: 0 Default source: mapred-default.xml
mapreduce.input.lineinputformat.linespermap	Default value: 1 Default source: mapred-default.xml
mapreduce.job.acl-modify-job	Default value: Default source: mapred-default.xml
mapreduce.job.acl-view-job	Default value: Default source: mapred-default.xml
mapreduce.job.classloader	Default value: FALSE Default source: mapred-default.xml
mapreduce.job.committer.setup.cleanup.needed	Default value: TRUE Default source: mapred-default.xml
mapreduce.job.complete.cancel.delegation.tokens	Default value: TRUE Default source: mapred-default.xml
mapreduce.job.counters.max	Default value: 120 Default source: mapred-default.xml
mapreduce.job.emit-timeline-data	Default value: FALSE Default source: mapred-default.xml
mapreduce.job.end-notification.max.attempts	Default value: 5 Default source: mapred-default.xml

2/1/2018	Default mapred Parameters
mapreduce.job.end-notification.max.retry.interval	Default value: 5000 Default source: mapred-default.xml
mapreduce.job.end-notification.retry.attempts	Default value: 0 Default source: mapred-default.xml
mapreduce.job.end-notification.retry.interval	Default value: 1000 Default source: mapred-default.xml
mapreduce.job.jvm.numtasks	Default value: 1 Default source: mapred-default.xml
mapreduce.job.map.output.collector.class	Default value: org.apache.hadoop.mapred.MapRFsOutputBuffer Default source: code
mapreduce.job.maps	Default value: 2 Default source: mapred-default.xml
mapreduce.job.max.split.locations	Default value: 10 Default source: mapred-default.xml
mapreduce.job.maxtaskfailures.per.tracker	Default value: 3 Default source: mapred-default.xml
mapreduce.job.queueName	Default value: default Default source: mapred-default.xml
mapreduce.job.reduce.shuffle.consumer.plugin.class	Default value: org.apache.hadoop.mapreduce.task.reduce.DirectShuffle Default source: code
mapreduce.job.reduce.slowstart.completedmaps	Default value: 1.00 Default source: code
mapreduce.job.reducer.preempt.delay.sec	Default value: 0 Default source: mapred-default.xml
mapreduce.job.reduces	Default value: 1 Default source: mapred-default.xml
mapreduce.job.running.map.limit	Default value: 0 Default source: mapred-default.xml
mapreduce.job.running.reduce.limit	Default value: 0 Default source: mapred-default.xml

2/1/2018	Default mapred Parameters
mapreduce.job.shuffle.provider.services	Default value: mapr_direct_shuffle Default source: code
mapreduce.job.speculative.minimum-allowed-tasks	Default value: 10 Default source: mapred-default.xml
mapreduce.job.speculative.retry-after-no-speculate	Default value: 1000 Default source: mapred-default.xml
mapreduce.job.speculative.retry-after-speculate	Default value: 15000 Default source: mapred-default.xml
mapreduce.job.speculative.slowtaskthreshold	Default value: 1 Default source: mapred-default.xml
mapreduce.job.speculative.speculative-cap-running-tasks	Default value: 0.1 Default source: mapred-default.xml
mapreduce.job.speculative.speculative-cap-total-tasks	Default value: 0.01 Default source: mapred-default.xml
mapreduce.job.split.metainfo.maxsize	Default value: 10000000 Default source: mapred-default.xml
mapreduce.job.token.tracking.ids.enabled	Default value: FALSE Default source: mapred-default.xml
mapreduce.job.ubertask.enable	Default value: FALSE Default source: mapred-default.xml
mapreduce.job.ubertask.maxmaps	Default value: 9 Default source: mapred-default.xml
mapreduce.job.ubertask.maxreduces	Default value: 1 Default source: mapred-default.xml
mapreduce.job.userlog.retain.hours	Default value: 24 Default source: mapred-default.xml
mapreduce.jobhistory.address	Default value: 0.0.0.0:10020 Default source: mapred-default.xml
mapreduce.jobhistory.admin.acl	Default value: * Default source: mapred-default.xml

2/1/2018	Default mapred Parameters
mapreduce.jobhistory.admin.address	Default value: 0.0.0.0:10033 Default source: mapred-default.xml
mapreduce.jobhistory.cleaner.enable	Default value: TRUE Default source: mapred-default.xml
mapreduce.jobhistory.cleaner.interval-ms	Default value: 86400000 Default source: mapred-default.xml
mapreduce.jobhistory.client.thread-count	Default value: 10 Default source: mapred-default.xml
mapreduce.jobhistory.datestring.cache.size	Default value: 200000 Default source: mapred-default.xml
mapreduce.jobhistory.done-dir	Default value: \${yarn.app.mapreduce.am.staging-dir}/history/done Default source: mapred-default.xml
mapreduce.jobhistory.http.policy	Default value: HTTP_ONLY Default source: mapred-default.xml
mapreduce.jobhistory.intermediate-done-dir	Default value: \${yarn.app.mapreduce.am.staging-dir}/history/done_intermediate Default source: mapred-default.xml
mapreduce.jobhistory.joblist.cache.size	Default value: 20000 Default source: mapred-default.xml
mapreduce.jobhistory.keytab	Default value: /etc/security/keytab/jhs.service.keytab Default source: mapred-default.xml
mapreduce.jobhistory.loadedjobs.cache.size	Default value: 5 Default source: mapred-default.xml
mapreduce.jobhistory.max-age-ms	Default value: 604800000 Default source: mapred-default.xml
mapreduce.jobhistory.minicluster.fixed.ports	Default value: FALSE Default source: mapred-default.xml
mapreduce.jobhistory.move.interval-ms	Default value: 180000 Default source: mapred-default.xml
mapreduce.jobhistory.move.thread-count	Default value: 3 Default source: mapred-default.xml

2/1/2018	Default mapred Parameters
mapreduce.jobhistory.principal	Default value: jhs/_HOST@REALM.TLD Default source: mapred-default.xml
mapreduce.jobhistory.recovery.enable	Default value: FALSE Default source: mapred-default.xml
mapreduce.jobhistory.recovery.store.class	Default value: org.apache.hadoop.mapreduce.v2.hs.HistoryServerFileSystemStateStoreService Default source: mapred-default.xml
mapreduce.jobhistory.recovery.store.fs.uri	Default value: \${hadoop.tmp.dir}/mapred/history/recoverystore Default source: mapred-default.xml
mapreduce.jobhistory.recovery.store.leveldb.path	Default value: \${hadoop.tmp.dir}/mapred/history/recoverystore Default source: mapred-default.xml
mapreduce.jobhistory.webapp.address	Default value: 0.0.0.0:19888 Default source: mapred-default.xml
mapreduce.local.clientfactory.class.name	Default value: org.apache.hadoop.mapred.LocalClientFactory Default source: mapred-default.xml
mapreduce.map.cpu.vcores	Default value: 1 Default source: mapred-default.xml
mapreduce.map.disk	Default value: 0.5 Default source: code
mapreduce.map.java.opts	Default value: -Xmx200m Default source: code
mapreduce.map.log.level	Default value: INFO Default source: mapred-default.xml
mapreduce.map.maxattempts	Default value: 4 Default source: mapred-default.xml
mapreduce.map.memory.mb	Default value: 1024 Default source: mapred-default.xml
mapreduce.map.output.compress	Default value: FALSE Default source: mapred-default.xml
mapreduce.map.output.compress.codec	Default value: org.apache.hadoop.io.compress.DefaultCodec Default source: mapred-default.xml

2/1/2018	Default mapred Parameters
mapreduce.map.skip.maxrecords	Default value: 0 Default source: mapred-default.xml
mapreduce.map.skip.proc.count.autoincr	Default value: TRUE Default source: mapred-default.xml
mapreduce.map.sort.spill.percent	Default value: 0.99 Default source: code
mapreduce.map.speculative	Default value: TRUE Default source: mapred-default.xml
mapreduce.output.fileoutputformat.compress	Default value: FALSE Default source: mapred-default.xml
mapreduce.output.fileoutputformat.compress.codec	Default value: org.apache.hadoop.io.compress.DefaultCodec Default source: mapred-default.xml
mapreduce.output.fileoutputformat.compress.type	Default value: RECORD Default source: mapred-default.xml
mapreduce.reduce.cpu.vcores	Default value: 1 Default source: mapred-default.xml
mapreduce.reduce.disk	Default value: 1.33 Default source: code
mapreduce.reduce.input.buffer.percent	Default value: 0 Default source: mapred-default.xml
mapreduce.reduce.java.opts	Default value: -Xmx2560m Default source: code
mapreduce.reduce.log.level	Default value: INFO Default source: mapred-default.xml
mapreduce.reduce.markreset.buffer.percent	Default value: 0 Default source: mapred-default.xml
mapreduce.reduce.maxattempts	Default value: 4 Default source: mapred-default.xml
mapreduce.reduce.memory.mb	Default value: 3072 Default source: code

2/1/2018	Default mapred Parameters
mapreduce.reduce.merge.inmem.threshold	Default value: 1000 Default source: mapred-default.xml
mapreduce.reduce.shuffle.connect.timeout	Default value: 180000 Default source: mapred-default.xml
mapreduce.reduce.shuffle.fetch.retry.enabled	Default value: \${yarn.nodemanager.recovery.enabled} Default source: mapred-default.xml
mapreduce.reduce.shuffle.fetch.retry.interval-ms	Default value: 1000 Default source: mapred-default.xml
mapreduce.reduce.shuffle.fetch.retry.timeout-ms	Default value: 30000 Default source: mapred-default.xml
mapreduce.reduce.shuffle.input.buffer.percent	Default value: 0.7 Default source: mapred-default.xml
mapreduce.reduce.shuffle.memory.limit.percent	Default value: 0.25 Default source: mapred-default.xml
mapreduce.reduce.shuffle.merge.percent	Default value: 0.66 Default source: mapred-default.xml
mapreduce.reduce.shuffle.parallelcopies	Default value: 12 Default source:code
mapreduce.reduce.shuffle.read.timeout	Default value: 180000 Default source: mapred-default.xml
mapreduce.reduce.shuffle.retry-delay.max.ms	Default value: 60000 Default source: mapred-default.xml
mapreduce.reduce.skip.maxgroups	Default value: 0 Default source: mapred-default.xml
mapreduce.reduce.skip.proc.count.autoincr	Default value: TRUE Default source: mapred-default.xml
mapreduce.reduce.speculative	Default value: TRUE Default source: mapred-default.xml
mapreduce.shuffle.connection-keep-alive.enable	Default value: FALSE Default source: mapred-default.xml

2/1/2018	Default mapred Parameters
mapreduce.shuffle.connection-keep-alive.timeout	Default value: 5 Default source: mapred-default.xml
mapreduce.shuffle.max.connections	Default value: 0 Default source: mapred-default.xml
mapreduce.shuffle.max.threads	Default value: 0 Default source: mapred-default.xml
mapreduce.shuffle.port	Default value: 13562 Default source: mapred-default.xml
mapreduce.shuffle.ssl.enabled	Default value: FALSE Default source: mapred-default.xml
mapreduce.shuffle.ssl.file.buffer.size	Default value: 65536 Default source: mapred-default.xml
mapreduce.shuffle.transfer.buffer.size	Default value: 131072 Default source: mapred-default.xml
mapreduce.task.combine.progress.records	Default value: 10000 Default source: mapred-default.xml
mapreduce.task.files.preserve.failedtasks	Default value: FALSE Default source: mapred-default.xml
mapreduce.task.io.sort.factor	Default value: 256 Default source: code
mapreduce.task.io.sort.mb	Default value: 100 Default source: mapred-default.xml
mapreduce.task.local.output.class	Default value: org.apache.hadoop.mapred.MapRFsOutputFile Default source: code
mapreduce.task.merge.progress.records	Default value: 10000 Default source: mapred-default.xml
mapreduce.task.profile	Default value: FALSE Default source: mapred-default.xml
mapreduce.task.profile.map.params	Default value: \${mapreduce.task.profile.params} Default source: mapred-default.xml

2/1/2018	Default mapred Parameters
mapreduce.task.profile.maps	<p>Default value: 0-2</p> <p>Default source: mapred-default.xml</p>
mapreduce.task.profile.params	<p>Default value: -agentlib:hprof=cpu=samples,heap=sites,force=n,thread=y,verbose=n,file=%s</p> <p>Default source: mapred-default.xml</p>
mapreduce.task.profile.reduce.params	<p>Default value: \${mapreduce.task.profile.params}</p> <p>Default source: mapred-default.xml</p>
mapreduce.task.profile.reduces	<p>Default value: 0-2</p> <p>Default source: mapred-default.xml</p>
mapreduce.task.skip.start.attempts	<p>Default value: 2</p> <p>Default source: mapred-default.xml</p>
mapreduce.task.timeout	<p>Default value: 600000</p> <p>Default source: mapred-default.xml</p>
mapreduce.task.userlog.limit.kb	<p>Default value: 0</p> <p>Default source: mapred-default.xml</p>
yarn.app.mapreduce.am.command-opts	<p>Default value: -Xmx1024m</p> <p>Default source: mapred-default.xml</p>
yarn.app.mapreduce.am.container.log.backups	<p>Default value: 0</p> <p>Default source: mapred-default.xml</p>
yarn.app.mapreduce.am.container.log.limit.kb	<p>Default value: 0</p> <p>Default source: mapred-default.xml</p>
yarn.app.mapreduce.am.containerlauncher.threadpool-initial-size	<p>Default value: 10</p> <p>Default source: mapred-default.xml</p>
yarn.app.mapreduce.am.hard-kill-timeout-ms	<p>Default value: 10000</p> <p>Default source: mapred-default.xml</p>
yarn.app.mapreduce.am.job.client.port-range	<p>Default value: blank (the range is all possible ports)</p> <p>Default source: mapred-default.xml</p> <p>When a range is specified, the YARN Mapreduce master will only open its web port within the range specified</p>
yarn.app.mapreduce.am.job.committer.cancel-timeout	<p>Default value: 60000</p> <p>Default source: mapred-default.xml</p>
yarn.app.mapreduce.am.job.committer.commit-window	<p>Default value: 10000</p> <p>Default source: mapred-default.xml</p>

2/1/2018	Default mapred Parameters
yarn.app.mapreduce.am.job.task.listener.thread-count	Default value: 30 Default source: mapred-default.xml
yarn.app.mapreduce.am.resource.cpu-vcores	Default value: 1 Default source: mapred-default.xml
yarn.app.mapreduce.am.resource.mb	Default value: 1536 Default source: mapred-default.xml
yarn.app.mapreduce.am.scheduler.heartbeat.interval-ms	Default value: 1000 Default source: mapred-default.xml
yarn.app.mapreduce.am.staging-dir	Default value: \${fs.defaultFS}/var/mapr/cluster/yarn/rm/staging Default source: code
yarn.app.mapreduce.client-am.ipc.max-retries	Default value: 3 Default source: mapred-default.xml
yarn.app.mapreduce.client-am.ipc.max-retries-on-timeouts	Default value: 3 Default source: mapred-default.xml
yarn.app.mapreduce.client.max-retries	Default value: 3 Default source: mapred-default.xml
yarn.app.mapreduce.shuffle.log.backups	Default value: 0 Default source: mapred-default.xml
yarn.app.mapreduce.shuffle.log.limit.kb	Default value: 0 Default source: mapred-default.xml
yarn.app.mapreduce.shuffle.log.separate	Default value: TRUE Default source: mapred-default.xml
yarn.app.mapreduce.task.container.log.backups	Default value: 0 Default source: mapred-default.xml