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Stat Server

RTME Options Reference

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Welcome to the Options Reference for Stat Server. This document provides full information about all the configuration options that are set on the Stat Server application object and in Stat Server-related configuration sections on other objects, such as DNs.

Stat Server Application

You are not required to configure any options to start a Stat Server application.

Options for this component are contained in the following configuration sections:

- [common](#)
- [db-direct-connection](#)
- [ha](#)
- [java-config](#)
- [java-extensions](#)
- [jvm-options](#)
- [log](#)
- [log-extended](#)
- [log-filter](#)
- [log-filter-data](#)
- [OCCEExtension](#)
- [overload](#)
- [sml](#)
- [statsserver](#)

Tip

In the summary table(s) below, type in the Search box to quickly find options, configuration sections, or other values, and/or click a column name to sort the table. Click an option name to link to a full description of the option. Be aware that the default and valid values are the values in effect with the latest release of the software and may have changed since the release you have; refer to the full description of the option to see information for earlier releases.

Power users: [Download a CSV file](#) containing default and valid values and descriptions.

The following options are configured at the application level (in other words, on the application object).

Section	Option	Default	Changes Take Effect
common	<code>enable-ipv6</code>	0 (for backward compatibility)	Immediately
common	<code>rebind-delay</code>	10	After restart
db-direct-connection	<code>debug</code>	0	After restart
db-direct-connection	<code>enable</code>	off	After restart
db-direct-connection	<code>verbose</code>	0	After restart
ha	<code>addp-remote-timeout</code>	10	Immediately
ha	<code>addp-timeout</code>	10	Immediately
ha	<code>addp-trace</code>	both	Immediately
ha	<code>chunk-size</code>	5000	Immediately
ha	<code>chunk-timeout</code>	1	Immediately
ha	<code>connect-timeout</code>	2	Immediately
ha	<code>session-expiration-period</code>	1800	Immediately
ha	<code>session-expiration-timeout</code>	120	Immediately
java-config	<code>java-extension-loading-timeout</code>	60	Immediately
java-config	<code>java-extensions-dir</code>	./java/ext	After restart, or upon setting the enable-java configuration option to true.
java-config	<code>java-libraries-dir</code>	./java/lib	After restart, or upon setting the enable-java configuration option to true.
java-config	<code>jvm-path</code>	No default value	After restart, or upon setting the enable-java configuration option to true.
java-extensions	<code><filename>.jar</code>	No default value	During Java Extension initialization phase
java-extensions	<code><Name></code>	No default value	During Java Extension initialization phase
log	<code>alarm</code>	No default value	Immediately
log	<code>all</code>	No default value	Immediately
log	<code>buffering</code>	true	Immediately
log	<code>check-point</code>	1	Immediately
log	<code>compatible-output-priority</code>	false	Immediately
log	<code>debug</code>	No default value	Immediately
log	<code>enable-thread</code>	false	Immediately
Section	Option	Default	Changes Take Effect

Section	Option	Default	Changes Take Effect
log	<code>expire</code>	10	Immediately
log	<code>interaction</code>	No default value	Immediately
log	<code>keep-startup-file</code>	false	After restart
log	<code>memory</code>	No default value	Immediately
log	<code>memory-storage-size</code>	2 MB	When memory output is created
log	<code>messagefile</code>	StatServer.lms	After restart or Immediately, if Stat Server cannot locate the statserver.lms file at startup
log	<code>message_format</code>	short	Immediately
log	<code>print-attributes</code>	false	Immediately
log	<code>segment</code>	100 MB	Immediately
log	<code>spool</code>	The Stat Server working directory	Immediately
log	<code>standard</code>	No default value	Immediately
log	<code>throttle-period</code>	30	Immediately
log	<code>throttle-threshold</code>	5000	Immediately
log	<code>time_convert</code>	local	Immediately
log	<code>time_format</code>	time	Immediately
log	<code>trace</code>	No default value	Immediately
log	<code>verbose</code>	all	Immediately
log	<code>x-conn-debug-all</code>	0	After restart
log	<code>x-conn-debug-api</code>	0	After restart
log	<code>x-conn-debug-dns</code>	0	After restart
log	<code>x-conn-debug-open</code>	0	After restart
log	<code>x-conn-debug-security</code>	0	After restart
log	<code>x-conn-debug-select</code>	0	After restart
log	<code>x-conn-debug-timers</code>	0	After restart
log	<code>x-conn-debug-write</code>	0	After restart
log-extended	<code>level-reassign-disable</code>	false	Immediately
log-extended	<code>level-reassign- <eventID></code>	Default value of log event <eventID>. Refer to the <i>Common Log Events Help</i> or statserver.lms (located in the directory where Stat Server is installed) for a listing of each of Stat Server's the default	Immediately
Section	Option	Default	Changes Take Effect

Section	Option	Default	Changes Take Effect
		levels.	
log-filter	default-filter-type	copy	Immediately
log-filter	filtering	true	Immediately, if application is subscribed to notifications that this option has been changed.
log-filter-data	<key name>	copy	Immediately
OCCExtension	assignment-reset-delay	30000	After restart
OCCExtension	java-extension-jar	OCCStatExtension.jar	After restart
OCCExtension	print-level	standard	After restart
overload	allow-new-connections-during-overload	true	Immediately
overload	allow-new-requests-during-overload	true	Immediately
overload	cpu-cooldown-cycles	30	After restart
overload	cpu-poll-timeout	10	After restart
overload	cpu-threshold-high	80	After restart
overload	cpu-threshold-low	60	After restart
overload	cut-debug-log	true	Immediately
overload	protection	false	Immediately
overload	qos-default-overload-policy	0	After restart
overload	qos-recovery-enable-lms-messages	false	After restart
sml	hangup-restart	true	Immediately
sml	heartbeat-period	0	Immediately
sml	suspending-wait-timeout	10	Immediately
statserver	accept-clients-in-backup-mode	yes	After restart
statserver	acw-absorb-mode	0	After restart
statserver	allow-acw-connid-overwrite	false	After restart
statserver	allow-asm-outbound-on-established	true	After restart
statserver	allow-vq-orig-dns-from-environment	yes	After restart
statserver	auto-backup-interval	15	After restart
statserver	backup-file-aggregates-store	true	Immediately upon notification
Section	Option	Default	Changes Take Effect

Section	Option	Default	Changes Take Effect
statserver	<code>backup-file-name</code>	ssbackup.000	After restart
statserver	<code>binding-threshold</code>	10	After restart
statserver	<code>capacity-treat-acw-as-interaction</code>	no	After restart
statserver	<code>check-stuck-calls</code>	no	Immediately upon notification
statserver	<code>check-stuck-calls-duration</code>	600	After restart
statserver	<code>check-stuck-calls-frequency</code>	600	After restart
statserver	<code>check-vq-stuck-calls-frequency</code>	600	After restart
statserver	<code>config-reload-delay-if-primary</code>	false	Immediately
statserver	<code>consult-acw-mode</code>	always	After restart
statserver	<code>db-timeout</code>	30	After restart
statserver	<code>db-txn-max-retries</code>	3	After restart
statserver	<code>debug-level</code>	Init	Immediately upon notification
statserver	<code>DefaultAgentSPT</code>	... (an ellipsis)	After restart
statserver	<code>DefaultDNSPT</code>	... (an ellipsis)	After restart
statserver	<code>DefaultRPSPT</code>	... (an ellipsis)	After restart
statserver	<code>disconnect-from-lca-on-history-log-expired</code>	false	After restart
statserver	<code>do-backup-in-background</code>	yes	After restart
statserver	<code>enable-binding</code>	no	Immediately upon notification
statserver	<code>enable-java</code>	false	After restart, or upon setting the value to true.
statserver	<code>filters-allow-wildcards-in-values</code>	no	After restart
statserver	<code>generate-stat-validity-events</code>	yes	After restart
statserver	<code>generate-transfer-taken-on-ringing</code>	yes	After restart
statserver	<code>identity-in-login-table</code>	off	After restart
statserver	<code>ignore-disabled-objects-in-group-statistics</code>	no	After restart
statserver	<code>ignore-disabled-objects-in-queue-statistics</code>	no	After restart
Section	Option	Default	Changes Take Effect

Section	Option	Default	Changes Take Effect
statsserver	ignore-off-hook-on-position	no	After restart
statsserver	interaction-agent-party-in-progress-on-tenant-max-number	2147483647	After restart
statsserver	interaction-agent-party-in-progress-on-tenant-media-list	chat	After restart
statsserver	interaction-wait-on-sa-max-number	2147483647	After restart
statsserver	interaction-wait-on-sa-media-list	"chat"	After restart
statsserver	interaction-wait-on-tenant-max-number	2147483647	After restart
statsserver	interaction-wait-on-tenant-media-list	"chat"	After restart
statsserver	ixn-id-in-status-table	off	Immediately upon notification
statsserver	load-balance-aht	90	After restart (when defined within the Stat Server Application object)
statsserver	local-time-in-status-table	off	Immediately upon notification
statsserver	local-time-in-status-table	off	Immediately upon notification
statsserver	login-table	off	Immediately upon notification
statsserver	management-port	3031	After restart
statsserver	max-client-connections	0	After restart
statsserver	max-unsent-sql-statements	100000 (SQL statements)	After restart
statsserver	mm-agent-logout-optimization	false	After restart
statsserver	mm-media-list-lower-case	true	After restart
statsserver	mm-skip-reason-changed-events	no (for backward compatibility)	After restart
statsserver	multimedia-activity-in-status-table	yes	After restart
statsserver	nec-position-extension-linked	no	After restart
statsserver	old-stats-remove	yes	Immediately
statsserver	old-stats-remove-	4320	After restart
Section	Option	Default	Changes Take Effect

Section	Option	Default	Changes Take Effect
	interval		
statserver	position-extension-linked	yes	After restart
statserver	qinfo-table	off	Immediately upon notification
statserver	queue-disable-dcid-for-missed-calls	no	After restart
statserver	queue-use-pseudo-actions	true	After restart
statserver	reconnect-timeout	10	After restart
statserver	reg-delay	0	After restart
statserver	reg-dns-chunk-delay	10	After restart
statserver	reg-dns-chunk-volume	1000	After restart
statserver	reg-error-delay	0	After restart
statserver	reg-error-max-count	0	After restart
statserver	rp-handle-queueing-events	no	After restart
statserver	send-timeout	300	After restart
statserver	show-attached-data	no	Immediately upon notification
statserver	show-queued-interactions	no	Immediately upon notification
statserver	stat-file-show-clients-list	false	Immediately
statserver	stat-file-show-options	false	Immediately
statserver	stat-file-timeout	10	Immediately
statserver	status-table	off	Immediately
statserver	status-table-update-end-time-at-end-only	no	After restart
statserver	subscribe-for-all-ixn-server-events	no	After restart
statserver	suppress-agent-status-updates-for-ixn-server	no	Immediately upon notification
statserver	suppress-user-data	undefined	Upon DN re-registration
statserver	time-format	%m/%d/%Y %H:%M:%S	After restart
statserver	use-server-id		Immediately
statserver	vag-statistics-active-agents-only	no	After restart
statserver	voice-reasons-table	no	Immediately upon notification
statserver	vq-clean-call-details-upon-party-changed	yes	After restart
Section	Option	Default	Changes Take Effect

Section	Option	Default	Changes Take Effect
statserver	vq-ignore-third-party-dn	yes	Upon DN re-registration
statserver	vq-treat-unknown-third-party-dn-as-agent-dn	yes	After restart
statserver	vq-use-alt-enter-time	no	After restart
statserver	warn-unsent-sql-statements	5000 (SQL statements)	After restart
statserver	warn-unsent-sql-statements	5000 (SQL statements)	After restart
statserver	xx-disconnect-clients-on-ixn-server-disconnect	no	After restart
Section	Option	Default	Changes Take Effect

Other Configuration Objects

Switch

The following options are configured on the Switch object.

Section	Option	Default	Changes Take Effect
statserver	position-extension-linked	Depends on the switch type (see description)	On Stat Server start
statserver	suppress-user-data	no	Upon DN re-registration
Section	Option	Default	Changes Take Effect

DN

The following options are configured on the DN object.

Section	Option	Default	Changes Take Effect
statserver	media-type	No default value	Immediately upon notification
statserver	use-alt-enter-time	no	Immediately upon notification
TServer	multimedia	no	Immediately upon notification
Section	Option	Default	Changes Take Effect