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# Genesys Administrator Extension Deployment Guide

log Section

# log Section

## Important

Starting from GAX 9.0.100.xx release, there is a minor change in the GAX log naming convention and rollover pattern as explained in the below example. Note that the **expire** option set to 2 in this example.

- All log messages are written in the initial file, **gax.log.<timestamp>**.
- During the first rollover, the **gax.log.<timestamp>** file is renamed to **gax.log.<timestamp>-1**. A new **gax.log.<timestamp>** file is created and all the log messages generated after creating the new file are written in this new log file.
- During the second rollover, the **gax.log.<timestamp>** file is renamed to **gax.log.<timestamp>-2**. A new **gax.log.<timestamp>** file is created and all the new log messages are written in this new log file.
- In the third and subsequent rollovers, the **gax.log.<timestamp>-1** file is deleted, **gax.log.<timestamp>-2** is renamed to **gax.log.<timestamp>-1**, and a new **gax.log.<timestamp>** file is created. All the new log messages are written in the new log file.

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all

Default Value: stdout, ./logs/gax.log

Valid Values:

Value	Description
stdout	Log events are sent to the Standard output.
network	Log events are sent to Message Server, which can reside anywhere on the network. Message Server stores the log events in the Log Database. Setting the all log level option to the network output enables an application to send log events of the Standard, Interaction, and Trace levels to Message Server. Debug-level log events are neither sent to Message Server nor stored in the Log Database.
[filename]	Log events are stored in a file with the specified name. If a path and filename are not specified, the file is created in the application's working directory.

Changes Take Effect: After Genesys Administrator Extension is restarted.

Specifies the outputs to which an application sends all log events. The log output types must be separated by a comma when more than one output is configured. For example: stdout, logfile

expire

Default Value: 20

Valid Values: Any integer value.

Changes Take Effect: After Genesys Administrator Extension is restarted.

Specifies the maximum number of log files to be kept.

log-cache-size

Default Value: 16000

Valid Values: Any integer value.

Changes Take Effect: After Genesys Administrator Extension is restarted.

Specifies the maximum number of logs in the log message queue.

segment

Default Value: 10000

Valid Values: Any valid file size.

Changes Take Effect: After Genesys Administrator Extension is restarted.

Specifies the maximum log file size in kilobytes.

### standard

Default Value: ""

Valid Values:

Value	Description
stdout	Log events are sent to the Standard output.
network	Log events are sent to Message Server, which can reside anywhere on the network. Message Server stores the log events in the Log Database. Setting the Standard log level option to the network output enables an application to send log events of the Trace level also to the Message Server.
[filename]	Log events are stored in a file with the specified name. If a path and filename are not specified, the file is created in the application's working directory.

Changes Take Effect: After Genesys Administrator Extension is restarted.

Specifies the outputs to which an application sends the log events of the Standard level. The log output types must be separated by a comma when more than one output is configured. For example: `stderr, network`

### trace

Default Value: ""

Valid Values:

Value	Description
stdout	Log events are sent to the Standard output.
network	Log events are sent to Message Server, which can reside anywhere on the network. Message Server stores the log events in the Log Database.
[filename]	Log events are stored in a file with the specified name. If a path and filename are not specified, the file is created in the application's working directory.

Changes Take Effect: After Genesys Administrator Extension is restarted.

Specifies the outputs to which an application sends the log events of the Trace level and higher (that is, log events of the Standard, Interaction, and Trace levels). The log outputs must be separated by a comma when more than one output is configured. For example: `stderr, network`

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verbose

Default Value: standard

Valid Values:

Value	Description
all	All log events (that is, log events of the Standard, Trace, Interaction, and Debug levels) are generated.
debug	The same as all.
trace	Log events of the Trace level and higher (that is, log events of the Standard, Interaction, and Trace levels) are generated, but log events of the Debug level are not generated.
interaction	Log events of the Interaction level and higher (that is, log events of the Standard and Interaction levels) are generated, but log events of the Trace and Debug levels are not generated.
standard	The same as interaction.
none	No output is produced.

Changes Take Effect: After Genesys Administrator Extension is restarted.

Determines whether a log output is created. If it is, specifies the minimum level of log events generated. The log events levels, starting with the highest priority level, are Standard, Interaction, Trace, and Debug.