GENESYS™

Framework Migration Guide

Enabling New Functionality

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Enabling New Functionality

As a rule, newer versions of Framework components by default behave in the same way and rely on the same configuration as prior versions they are replacing. This allows you to use components as drop-in replacements and continue using the software in the same way that you are used to. In some cases, when you want to activate a particular new feature or behavior, you must add or change configuration options after you have installed a new release. A list of changes in configuration options is provided in New and Changed Configuration Options by Release.

Some versions may introduce changes that require you to take action before you can launch the new component after upgrading it in the existing environment. A list of mandatory configuration changes that has to be made when upgrading certain components is provided in Mandatory Changes in Configuration of Framework Components.

New and Changed Configuration Options by Release

The tables in this section document all configuration option changes in specific Framework server components from release 7.6 through 8.5, with the most recent changes listed first. The changes are listed by component.

Configuration option reference material is currently transitioning to the Genesys Documentation wiki. The tables on this page might contain option names with links to the new wiki format. For all other Framework options, refer to the *Framework Configuration Options Reference Manual* for detailed descriptions, with the following exceptions:

- Configuration options for the Configuration Conversion Wizard are described in detail in CCW Configuration Options.
- Configuration options related to external authentication are described in detail in the *Framework External Authentication Reference Manual*.

General Configuration Option Changes

The following table lists all changes in common configuration options (that is, those that are supported by all Genesys server applications), from release 7.6 through 8.5, with the most recent changes listed first.

All Genesys server applications support the unified set of log options (called common log options) in addition to application-specific log options. The common log options are configured for each application in the following sections: **log**, **log-extended**, **log-filter**, and **log-filter-data**.

All Genesys Server applications also support a set of common options for operations that are not related to logs.

Changes in Common Options

Option	Configuration Section	Type of Change	Changed in Release	Additional Information
compatible-output-priority	log	Removed	8.5	
enable-thread	log	New	8.5	
expire	log	Modified	8.5	
message-format	log	Renamed	8.5	Formerly named message_format
no-memory-mapping	log	New	8.5	
segment	log	Modified	8.5	
snapshot	log	New	8.5	
throttle-period	log	New	8.5	
throttle-threshold	log	New	8.5	
hide-tlib-sensitive-data	log-filter	New	8.5	
sec-protocol	security	New	8.5	
tls-mutual	security	New	8.5	
autostart	sml	New	8.5	
n/a	dbserver	Removed	8.5	Section removed
dml_retry	dbserver	Moved	8.5	Moved to Configuration Server
sec-protocol	Transport Parameters	New	8.5	
enable-async-dns	common	Modified	8.1	
cipher-list	security	New	8.1	
tls-crl	security	New	8.1	
tls-target-name-check	security	New	8.1	
n/a	security-authentication-rules	New	8.1	New section
account-override-lockout	security-authentication-rules	New	8.1	
last-expired-at	security-authentication-rules	New	8.1	Read-only
last-locked-at	security-authentication-rules	New	8.1	Read-only
no-change-	security-	New	8.1	

password-at-first-login	authentication-rules			
override-account-expiration	security-authentication-rules	New	8.1	
heartbeat-period	sml	Modified	8.1	
default-filter-type	log-filter	Modified	8.1	
filtering	log-filter	New	8.1	
<key-name>	log-filter-data	Modified	8.1	
dml-retry	dbserver	New	8.1	
enable-ipv6	common	New	8.1	
cipher-list	Transport Parameters	New	8.1	
ip-version	Transport Parameters	New	8.1	
expire	log	Modified	8.0	
default-filter-type	log-filter	Modified	8.0	
<key-name>	log-filter-data	Modified	8.0	
n/a	security	New	8.0	New section
disable-rbac	security	New	8.0	
heartbeat-period	sml	New	8.0	
heartbeat-period-threadclass-<n>	sml	New	8.0	
hangup-restart	sml	New	8.0	
suspending-wait-timeout	sml	New	8.0	
alarm	log	Moved	7.6	Moved from Solution Control Server.
x-conn-debug-open	log	New	7.6	
x-conn-debug-select	log	New	7.6	
x-conn-debug-timers	log	New	7.6	
x-conn-debug-write	log	New	7.6	Use only when requested by Genesys Customer Care.
x-conn-debug-security	log	New	7.6	
x-conn-debug-api	log	New	7.6	
x-conn-debug-dns	log	New	7.6	
x-conn-debug-all	log	New	7.6	
n/a	common	New	7.6	New section

				Use only when requested by Genesys Customer Care.
rebind-delay	common	New	7.6	Use only when requested by Genesys Customer Care.
enable-async-dns	common	New	7.6	Use only when requested by Genesys Customer Care. Use only with T-Servers.
n/a	extended-log	New	7.6	New section
level-reassign-<eventID>	extended-log	New	7.6	
level-reassign-disable	extended-log	New	7.6	
address	Transport Parameters	New	7.6	
backup-port	Transport Parameters	New	7.6	
port	Transport Parameters	New	7.6	

DB Server

The following table lists all configuration option changes in DB Server from release 7.6 through 9.0, with the most recent changes listed first.

Option Changes in DB Server

Option	Configuration Section	Type of Change	Changed in Release	Additional Information
force_host	dbserver	New	8.5.100.02	
db-request-timeout	dbserver	New	8.0	
dbprocess_name	dbserver	Modified	8.0	
db2_name	dbserver	Modified	8.0	
informix_name	dbserver	Modified	8.0	
msql_name	dbserver	Modified	8.0	
oracle_name	dbserver	Modified	8.0	
postgre_name	dbserver	New	8.0	
sybase_name	dbserver	Modified	8.0	

Database Access Point

The following table lists all configuration option changes in Database Access Point from release 7.6 through 8.5, with the most recent changes listed first.

Option Changes in Database Access Point

Option	Configuration Section	Type of Change	Changed in Release	Additional Information
mssql-multisubnet	default	New	8.5.1	Set in Annex; for Log Database only
utf8-ucs2	dbclient	New	8.1	
db-request-timeout	dbserver	New	8.0	

Configuration Server

The following table documents all configuration option changes in Configuration Server from release 7.6 through 9.0, with the most recent changes listed first. These options apply to Configuration Server operating in Master mode. Refer to Configuration Server Proxy for configuration option changes in Configuration Server 8.5 running in Proxy mode (also referred to as Configuration Server Proxy).

> ### Important
>
> In the following table, the Configuration Server section is referred to as *confserv* for changes in earlier releases.

Option Changes in Configuration Server

Option	Configuration Section	Type of Change	Changed in Release	Additional Information
override-shortcut-add-restriction	security-authentication-rules	New	8.5.101.50	
shortcut-add-restriction-count	security-authentication-rules	New	8.5.101.50	
override-shortcut-remove-restriction	security-authentication-rules	New	8.5.101.42	
shortcut-remove-restriction-count	security-authentication-rules	New	8.5.101.42	
x-stat-print-segment	log	New	8.5.101.42	
ldap-cache-time	authentication	New	8.5.101.41	
ldap-negative-cache-time	authentication	New	8.5.101.41	
consistent-port-selection	Configuration Server	New	8.5.101.38	

delay-reload	Configuration Server	New	8.5.101.38	
delay-reload-backup	Configuration Server	New	8.5.101.38	
x-stat-print-interval	Configuration Server	New	8.5.101.38	
backupmode-restart	Configuration Server	New	8.5.101.33	
primary-master-response-timeout	Configuration Server	New	8.5.101.28	
audit-expiration	history-log	New	8.5.101.24	
audit-max-records	history-log	New	8.5.101.24	
enable-upn	authentication	New	8.5.101.24	
mssql-multisubnet	<Configuration Database section>	New	8.5.101.22	
deferred-requests-expiration	system	New	8.5	
proxy-load-max	system	New	8.5	
proxy-load-timeout	system	New	8.5	
serialize-write-transactions	system	New	8.5	
skip-annex-validation	system	New	8.5	
throttle-updates-interval	system	New	8.5	
cfglib-connect-tmout	Configuration Server	New	8.5	Replaces cfglib-conn-async-tmout
token-tolerance	system	New	8.5	
token-ttl	system	New	8.5	
dbserv-conn-async-tmout	Configuration Server	New	8.5	
langid	Configuration Database	Modified	8.5	Added language codes
enforce-internal-auth	authentication	New	8.5	
allow-empty-password	Configuration Server	Modified	8.5	Corrected when Changes Take Effect
allow-external-empty-password	Configuration Server	Modified	8.5	Corrected when Changes Take Effect
cfglib-conn-async-tmout	Configuration Server	New/Removed	8.5	Replaced by cfglib-connnect-tmout
client-connect-timeout	Configuration Server	New	8.5	

client-response-timeout	Configuration Server	Modified	8.5	
dbthread	Configuration Server	New	8.5	
decryption-key	Configuration Server	New	8.5	
encryption	Configuration Server	Modified	8.5	
force-offline	Configuration Server	New	8.5	
force-connect-reload	Configuration Server	Moved	8.5	Moved to system section
langid	Configuration Server	New	8.5	
license	Configuration Server	Removed	8.5	
max-client-output-queue-size	Configuration Server	New	8.5	
max-output-queue-size	Configuration Server	New	8.5	
packet-size	Configuration Server	New	8.5	
primary-startup-tmout	Configuration Server	New	8.5	
upgrade-mode	Configuration Server	New	8.5	
addp	Configuration Database	Removed	8.5	
addp-timeout	Configuration Database	Removed	8.5	
addp-trace	Configuration Database	Removed	8.5	
dbengine	Configuration Database	Modified	8.5	
dbname	Configuration Database	Added new Valid Value	8.5	
dbserver	Configuration Database	Added new Valid Value	8.5	
dml-retry	Configuration Database	Moved	8.5	Moved from Common Configuration Options
history-log-guid	Configuration Database	Removed	8.5	
history-log-version	Configuration Database	Removed	8.5	

host	Configuration Database	Removed	8.5	Used only if dbthread=false and with DB Server 8.1; refer to Framework 8.1 documentation.
port	Configuration Database	Removed	8.5	
reconnect-timeout	Configuration Database	Removed	8.5	
server	Configuration Database	Removed	8.5	
ignore-case-username	gauth-kerberos	New	8.5	
n/a	hca	Removed	8.5	Section removed
schema	hca	Removed	8.5	
x-dblib-debug	log	New	8.5	Use only when requested by Genesys Customer Care.
x-dblib-sql	log	New	8.5	
objbrief-api-permission-check	security	New	8.5	
n/a	soap	Removed	8.5	Section removed
client-lifespan	soap	Removed	8.5	
debug	soap	Removed	8.5	
port	soap	Removed	8.5	Used only if dbthread=false and with DB Server 8.1; refer to Framework 8.1 documentation.
n/a	system	New	8.5	New section
force-connect-reload	system	Moved	8.5	Moved from Configuration Server section.
postgre-standard-conforming-strings	system	Removed	8.5	
prevent-mediatype-attr-removal	system	New	8.5	
token-authentication-mode	system	New	8.5	
token-preambula	system	New	8.5	
token-uuid	system	New	8.5	
skip-environment-enum-transfer	system	New	8.5	
write-former-value	history-log	New	8.5	
user	Application	New	8.5	

	Parameters			
reconnect-timeout	Configuration Database	Modified	8.1	
allow-mixed-encoding	confserv	New	8.1	
enable-pre-812-security	confserv	New	8.1	
force-md5	confserv	New	8.1	
multi-languages	confserv	New	8.1	
password-change	confserv	New	8.1	
packet-size	confserv	New	8.1	
peer-switchover-tmout	confserv	New	8.1	
chase-referrals	gauth_ldap[_n]	New	8.1	
objbrief-api-permission-check	security	New	8.1	Added to version 8.1.300.27
port	soap	Modified	8.1	
all	history-log-section	Modified	8.0	Does not apply to master Configuration Server.
failsafe-store-processing	history-log-section	Modified	8.0	Not documented in previous versions of this document.
protocol	confserv/<application>	New	8.0	
addp-timeout	confserv/<application>	New	8.0	Same name as existing options, but placed in different configuration section.
addp-remote-timeout	confserv/<application>	New	8.0	
addp-trace	confserv/<application>	New	8.0	
fix_cs_version_7x	confserv	New	8.0	
allow-external-empty-password	confserv	New	8.0	
last-login	confserv	New	8.0	
last-login-synchronize	confserv	New	8.0	
objects-cache	confserv	New	8.0	
disable-vag-calculation	<application>	New	7.6	
all	history-log	Modified	7.6	
history-log-file-name c	confserv	Obsolete	7.6	Replaced by options in history-log section.
history-log-expiration	confserv	Obsolete	7.6	

history-log-client-expiration	confserv	Obsolete	7.6	
history-log-max-records	confserv	Obsolete	7.6	
history-log-active	confserv	Obsolete	7.6	
no-default-access	security	New	7.6	
all	history-log	New	7.6	
expiration	history-log	New	7.6	
client-expiration	history-log	New	7.6	
max-records	history-log	New	7.6	
active	history-log	New	7.6	
failsafe-store-processing	history-log	New	7.6	
backlog	Application Parameter	New	7.6	Use only when requested by Genesys Customer Care.

Configuration Server Proxy

The following table documents all configuration option changes in Configuration Server running in Proxy mode (also referred to as Configuration Server Proxy) mode from release 7.6 through 8.5, with the most recent changes listed first.

Option Changes in Configuration Server Proxy

Option	Configuration Section	Type of Change	Changed in Release	Additional Information
-cs-persistent-failover-tmout	csproxy	New	9.0	
-proxy-persistent-mode	csproxy	New	9.0	
db-persistent-failover-tmout	Configuration Database	New	9.0	
force-vag-calculation	csproxy	New	9.0	
delay-reload	csproxy	New	9.0	
delay-reload-backup	csproxy	New	9.0	
cfglib-connect-tmout	csproxy	New	8.5	
token-tolerance	system	New	8.5	New section
token-ttl	system	New	8.5	New section
enforce-internal-auth	authentication	New	8.5	
allow-empty-	csproxy	New	8.5	

password				
allow-external-empty-password	csproxy	New	8.5	
management-port	csproxy	New	8.5	
proxy-cluster-name	csproxy	New	8.5	
client-response-timeout	csproxy	Modified	8.5	
max-client-output-queue-size	csproxy	New	8.5	
max-output-queue-size	csproxy	New	8.5	
packet-size	csproxy	New	8.5	
proxy-cluster-name	csproxy	New	8.5	
ignore-case-username	gauth-kerberos	New	8.5	
active	history-log	Removed	8.5	
all	history-log	Removed	8.5	
expiration	history-log	Removed	8.5	
failsafe-store-processing	history-log	Removed	8.5	
max-records	history-log	Removed	8.5	
n/a	soap	Removed	8.5	Section removed
client-lifespan	soap	Removed	8.5	
debug	soap	Removed	8.5	
max-records	soap	Removed	8.5	
user	Application Parameters	New	8.5	
n/a	authentication	New	8.1	New section
library	authentication	New	8.1	
enforce-external-auth	authentication	New	8.1	
allow-mixed-encoding	csproxy	New	8.1	
client-response-timeout	csproxy	New	8.1	
packet-size	csproxy	New	8.1	
n/a	gauth_ldap	New	8.1	New section
ldap_url	gauth_ldap	New	8.1	
verbose	gauth_ldap	New	8.1	
retry_attempts	gauth_ldap	New	8.1	
retry_interval	gauth_ldap	New	8.1	
proxy-writable	csproxy	Modified	8.0	

last-login	csproxy	New	8.0	
last-login-synchronize	csproxy	New	8.0	
objects-cache	csproxy	New	8.0	
proxy-writable	csproxy	New	7.6	
expiration	history-log	Modified	7.6	
client-expiration	history-log	Modified	7.6	
max-records	history-log	Modified	7.6	
failsafe-store-processing	history-log	New	7.6	
all	history-log	Modified	7.6	
backlog	Application Parameter	New	7.6	Use only when requested by Genesys Customer Care.

Steps to roll out the solution based on proxy-side VAG processing

1. Proxies, which you plan to use for VAG calculation should be upgraded to the version that supports the feature. Upgrade of the master Configuration Server and other proxies is not mandatory.

2. Set **[cs_main_section]\disable-vag-calculation**=true for both primary and backup instances of the master Configuration Server in their **.conf/.cfg** files. Set **[csproxy]\force-vag-calculation**=true for both primary and backup instances of the proxies, you plan to use as VAG-processing, in their Application configuration objects. No changes in the configuration of the regular proxies are needed.

3. Perform the restart of both instances of the master Configuration Server. Switchover is not enough: both primary and backup should be stopped concurrently first, then started again. Restart of the proxies is not required. Proxies, configured with **force-vag-calculation**=true, once reconnected to restated master with **disable-vag-calculation**=true, will automatically enable VAG calculation on their side. The remaining proxies after reconnect and data reload will see the content of VAGs as empty.

4. Reconfigure the clients you planned to use with VAG-processing proxies, so they connect to these proxies. Then restart them to connect to these proxies. Whether hard restart of the client HA pairs is needed depends on specific client. However, hard restart is always the safe choice.

5. To double-check the configuration, connect GA or CM to both master and VAG-processing prox(ies) to verify that VAGs on the master have no members, while VAGs on the VAG-processing prox(ies) have their member lists calculated as expected according to the VAG scripts.

Configuration Manager

The following table documents all configuration option changes in Configuration Manager from release 7.6 through 8.1, with the most recent changes listed first.

This table does not include configuration options for Genesys Administrator, which might have been set in the Configuration Manager Application object with which Genesys Administrator is bound, or associated, during its deployment.

> **Important**
>
> Configuration Manager was not updated in release 8.5.

Option Changes in Configuration Manager

Option	Configuration Section	Type of Change	Changed in Release	Additional Information
inactivity-timeout	security	New	7.6	

Local Control Agent

Local Control Agents supports common log options which allows you to precisely configure log output for LCA. Because you do not configure an Application object for LCA, if you need to change the default log option settings, modify the configuration file called **lca.cfg** and specify new values for appropriate options. The file must be located in the same directory as the Local Control Agent executable file.

The following table documents all other configuration option changes in Local Control Agent from release 7.6 through 8.5, with the most recent changes listed first. For more information about the LCA configuration file and for related instructions, see the *Framework Deployment Guide*.

Option Changes in Local Control Agent

Option	Configuration Section	Type of Change	Changed in Release	Additional Information
wmiquery-timeout	general	New	8.5	
lookup_clienthost	general	New	8.1	
upgrade	security	Correction	8.1	Originally documented as Host option

Genesys Deployment Agent

> **Important**
>
> Genesys Deployment Agent is deprecated in LCA release 8.5.100.31 and later.

Starting in release 8.0, the Genesys Deployment Agent is deployed with LCA. The Genesys Deployment Agent is used by of Genesys Administrator Extension to deploy Genesys Applications and Solutions on a Host. To enable this functionality, you must identify what port on the Host that the Genesys Deployment Agent will use to communicate with Genesys Administrator Extension. You provide this information in the Host's Annex, in the new section **rdm**, specifying the port number with the configuration option port.

Genesys Deployment Agent supports common log options which allows you to precisely configure log

output for Genesys Deployment Agent. Because you do not configure an Application object for Genesys Deployment Agent, if you need to change the default log option settings, create a configuration file called **gda.cfg** (or rename and modify the **gda.cfg.sample** file that is located in the installation folder) and specify new values for appropriate options. The file must be located in the same directory as the Genesys Deployment Agent executable file (**gda.exe**).

> ### Important
>
> In release 8.5.1, Genesys Deployment Agent is not installed with Local Control Agent by default.

The following table lists all other configuration option changes in Genesys Deployment Agent from release 8.0 through 8.5, with the most recent changes listed first. For more information about the Genesys Deployment Agent, refer to the *Framework Deployment Guide*.

Option Changes in Genesys Deployment Agent

Option	Configuration Section	Type of Change	Changed in Release	Additional Information
n/a	security	New	8.1	New section
transport	security	New	8.1	
n/a	web	New	8.0	New section
rootdir	web	New	8.0	

Message Server

The following table lists configuration option changes in Message Server from release 7.6 through 8.5, with the most recent changes listed first.

Option Changes in Message Server

Option	Configuration Section	Type of Change	Changed in Release	Additional Information
dbthread	messages	New	8.5	
x-dblib-debug	log	New	8.5	
signature	MessageServer	New	8.0	
request-queue-size	messages	Removed	8.0	

Solution Control Server

The following table lists configuration option changes in Solution Control Server from release 7.6 through 8.5, with the most recent changes listed first.

Option Changes in Solution Control Server

Option	Configuration	Type of Change	Changed in	Additional

	Section			Release	Information
haflip-detect-timeout	log	New		8.5.100.31	
cfglib-connect-tmout	general	New		8.5	
default-audit-username	general	New		8.5	
disable-switchover	general	New		8.5	
distributed_sync_timeout	general	New		8.5	
hostinfo-load-timeout	general	New		8.5	
max_switchover_time	general	Removed		8.5	
ha_service_unavail_primary	general	New		8.1	
lookup_clienthost	general	New		8.1	
max-req-per-loop	general	New		8.1	
alarms-port	Transport Parameter	New		8.1	
backup-alarms-port	Transport Parameter	New		8.1	
alarm	log	Moved		7.6	Moved to common configuration options.

Solution Control Interface

The following table lists configuration option changes in Solution Control Interface from release 7.6 through 8.0, with the most recent changes listed first.

> ### Important
> Solution Control Interface was not updated after release 8.0.

Option Changes in Solution Control Interface

Option	Configuration Section	Type of Change	Changed in Release	Additional Information
n/a	host-status-display	New	8.0	New section
critical-color	host-status-display	New	8.0	
major-color	host-status-display	New	8.0	
other-color	host-status-display	New	8.0	
inactivity-timeout	security	New	7.6	

SNMP Master Agent

The following table lists configuration option changes in Genesys SNMP Master Agent from release 7.6 through 9.0, and in SNMP Master Agent in 8.5, with the most recent changes listed first.

Note: Starting in release 8.5, you can use a 3rd-party Net-SNMP Master Agent instead of Genesys SNMP Master Agent, re-using the same configuration object. Refer to the *Framework Deployment Guide* for more information about Net-SNMP and Genesys SNMP Master Agent. See the instructions in Migrating to Net-SNMP to convert a Genesys SNMP Master Agent Application object to use with Net-SNMP.

Option Changes in SNMP Master Agent

Option	Configuration Section	Type of Change	Changed in Release	Additional Information
force_host_network	agentx	New	9.0	
netsnmp-enable	snmp	New	8.5	
n/a	snmp-v3-auth	New	8.1	New section
password	snmp-v3-auth	New	8.1	
n/a	snmp-v3-priv	New	8.1	New section
password	snmp-v3-priv	New	8.1	
v3priv_protocol	snmp	Modified	8.0	

Tenant

The following table lists Tenant- and User-level configuration option changes from release 7.6 through 9.0, with the most recent changes listed first.

Tenant and User Option Changes

Option	Configuration Section	Type of Change	Changed in Release	Additional Information
object-deletion-rate	security-authentication-rules	New	9.0	
object-deletion-rate-interval	security-authentication-rules	New	9.0	
override-object-deletion-rate	security-authentication-rules	New	9.0	
shortcut-remove-restriction-count	security-authentication-rules	New	9.0	
override-shortcut-remove-restriction	security-authentication-rules	New	9.0	
account-lockout-mode	security-authentication-	New	9.0	

	rules			
password-no-repeats	security-authentication-rules	Modified	9.0	Changed the maximum supported value to 30.
account-override-lockout	security-authentication-rules	Modified	8.5	User-level option Corrected description of when set to `false`
force-password-reset	security-authentication-rules	New	8.1	
max-account-sessions	security-authentication-rules	New	8.1	
password-expiration	security-authentication-rules	New	8.1	
password-expiration-notify	security-authentication-rules	New	8.1	
password-no-repeats	security-authentication-rules	New	8.1	
password-req-punctuation	security-authentication-rules	New	8.1	
tenant-override-section	security-authentication-rules	New	8.1	
password-req-number	security-authentication-rules	New	8.0	Not documented in previous releases of this document.
password-req-mixed-case	security-authentication-rules	New	8.0	
password-req-alpha	security-authentication-rules	New	8.0	
account-lockout-threshold	security-authentication-rules	New	8.0	
account-lockout-duration	security-authentication-rules	New	8.0	
account-lockout-attempts-period	security-authentication-rules	New	8.0	
password-min-	security-	New	8.0	

length	authentication-rules			

Host

The following table lists Host-level configuration option changes from release 7.6 through 8.5, with the most recent changes listed first.

Host-Level Option Changes

Option	Configuration Section	Type of Change	Changed in Release	Additional Information
addp-trace	addp	New	8.5	Not documented in previous releases of this document.
sec-protocol	security	New	8.5	
n/a	ntp-service-control	New	8.1	New section
signature	ntp-service-control	New	8.1	
cipher-list	security	New	8.1	
lca-upgrade	security	New	8.1	
n/a	transport	New	8.1	New section
ip-version	transport	New	8.1	
n/a	rdm	New	8.0	New section
port	rdm	New	8.0	Not documented in previous releases of this document.
n/a	security	New	8.0	New section
gda-tls	security	New	8.0	Not documented in previous releases of this document.
n/a	addp	New	7.6	New section
addp-remote-timeout	addp	New	7.6	Not documented in previous releases of this document.
addp-timeout	addp	New	7.6	

Mandatory Changes in Configuration of Framework Components

When upgrading Configuration Server to release 8.5, you must modify the existing configuration file to include the **[<name of conf server app>]dbthread**=`false` option to continue using your existing DB Server. Alternatively, consider installing and configuring DBMS client software on the same host where the Configuration Server instance resides (to make it available to Configuration Server) and set connection parameters in the configuration file to access the DBMS from that host (see the *Framework Deployment Guide* for details). In this case, you no longer need a separate DB Server for Configuration Server to access the database.

When updating the Configuration Database schema version to 8.5, and newer, in an environment where Configuration Server 8.5 is already being used (against a database schema of a prior version), you have to specify the **[<name of config server app>]langid** option. Set this option to 1033 when upgrading an English environment. See Localized Environments for details on how to set the option for other languages.

When upgrading Configuration Server from release 8.0 or older in environment where Configuration Server Proxies are being deployed, make sure you set the **force-md5** option to $true$ on the master Configuration Server until you have completed upgrading all Configuration Server Proxies in your environment to the latest version.

Mandatory Changes in Secure Protocol Configuration

When you upgrade your Genesys applications that are configured to communicate securely using Genesys Security Pack on UNIX (or Linux), versions 8.5.1 or later, or you upgrade your Windows operating system to the latest version or Service pack, make sure you are using certificates that are signed using SHA1 or higher across all server applications with which new or updated components have to communicate. If you have previously generated MD5 signed certificates using tools provided with Genesys Security Pack, re-issue them as soon as possible using Security Pack 8.5.1 or later. MD5 certificates are no longer accepted by the latest secure protocol implemenations.