SIP Feature Server Deployment Guide

Configuration options

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Configuration options

> **Warning**
> This Deployment Guide applies ONLY to the Legacy SIP Feature Server 8.1.200.xx release. Unless you have been told to use this documentation, use the current 8.1.2 Deployment Guide

Contents

Set these configuration options in Genesys Administrator, in the Options tab of the SIP Feature Server Application object.

Cassandra section

Option	Values (default value in bold)	Description
logFile	**cassandra.log**	The log file name; applies only to Cassandra logs.
logLevel	**error**, none, debug, info, warning, critical	The log level; applies only to Cassandra logs.
maxFileSize	**20000000**	The threshold, in bytes, after which a new log file is created; applies only to dial plan logs.
maxFileCount	**2**	The number of log files kept at one time; applies only to Cassandra logs.
replicationStrategyClassName	**SimpleStrategy**, NetworkTopologyStrategy	Specifies the strategy used in distributing data to Cassandra nodes: • In single-data center installations, SimpleStrategy uses the value of *replicationOptions* to determine the number of Cassandra nodes to which the application distributes data. • In multi-data center installations, NetworkTopologyStrategy uses the value of *replicationOptions* and the values entered in the file **resources/cassandra-topology.properties** to determine the identity and number of Cassandra nodes to which the application distributes data.
replicationOptions	**replication_factor=2**, replication_factor=3, replication_factor=4, ... **or** *data center 1 name=number of replication nodes, data center 2 name=number of replication nodes, ...*	Specifies the number of Cassandra nodes used in the replication scheme, depending on the value of *replicationStrategyClassName*: • When *replicationStrategyClassName* is set to SimpleStrategy, set any of the first group of values to specify the number of Cassandra nodes used in the replication scheme.

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Option	Values (default value in bold)	Description
		• When *replicationStrategyClassName* is set to `NetworkTopologyStrategy`, set any one of the second group of values to specify the data center name and the number of Cassandra nodes used in the replication scheme for each data center.

Cluster section

Option	Values (default value in bold)	Description
master	**false**, true	When set to `true`, this option designates this Feature Server as the server that coordinates the synchronization of real-time non-switch data (such as people, agents, and agent groups) from Configuration Server. **Important:** Designate only one server as master.
confsync	**false**, true	When set to `true` in a non-master Feature Server, this option enables the server to handle the synchronization of real-time non-switch data with Configuration Server whenever the master server is not operating.

dialplan section

Except for `active`, which indicates whether you are using the Feature Server dial plan or the SIP Server dial plan, these options apply only if you are using the Feature Server dial plan.

Option	Values (default value in bold)	Description
active	**true**, false	Determines whether Feature Server starts and displays the Feature Server dial plan. Setting the option to false disables the Feature Server dial plan and hides dial plan-related settings in the Feature Server Administration and User web applications. Value change requires restart.
heartbeatFailInterval	**60**	The timeout, in seconds, between heartbeat queries from Feature Server to the dial plan when the previous request failed.

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Option	Values (default value in bold)	Description
heartbeatOkInterval	**300**	The timeout, in seconds, between heartbeat queries from Feature Server to the dial plan when the previous request succeeded.
logFile	**none**, <dial plan script working directory>, <another directory>	The log file location on the Feature Server host; applies only to dial plan logs.
logLevel	**none**, debug, info, warning, error, critical	The log level; applies only to dial plan logs.
maxFileSize	**1000000**	The threshold, in bytes, after which a new log file is created; applies only to dial plan logs.
maxFileCount	**2**	The number of log files kept at one time; applies only to dial plan logs.
port	**8800**, <other valid http port>	The port specific to the dial plan; must differ from the Feature Server http port.

Log section

Feature Server uses standard Genesys logging, with the following exceptions to the default values.
For details of all logging options, see Common Configuration Options log section.

Option	Values (default value in bold)	Description
internal	**Error**, Info, Debug	The PSDK logging level; events appear in the same log file.
verbose	**trace**, all, debug, interaction, standard, none	The verbose logging level.

Monitoring section

Option	Values (default value in bold)	Description
active	**true**, false	Determines whether Feature Server collects environment statistics for monitoring. When set to true, the option enables Feature Server environment monitoring to occur even when the monitoring interface is unavailable. To conserve disk space, set the option to false if you are not using environment monitoring.
logFile	**monitoring.log**, <string>.log	The log file name in the Feature Server application directory; applies only to monitoring logs.
logLevel	**debug**, info, warning, error, critical	The log level; applies only to monitoring logs.
maxFileSize	**1000000**	The threshold, in bytes, after which a new log file is created; applies

Option	Values (default value in bold)	Description
		only to monitoring logs.
maxFileCount	**2**	The number of log files kept at one time; applies only to monitoring logs.

VoicemailServer section (Application object)

Set these options in the `VoicemailServer` section on the `Options` tab of the SIP Feature Server Application object.

Option	Values (default value in bold)	Description
advance-audio-control	**true**, false	Displays advanced audio controls (forward, rewind, pause, and volume) to the web application user. Overrides the value set at the switch level.
language	**<server locale>**, de, en-GB, en-US, es, es-LA, fr, it, ja, pt, ru, zh-CN	The language used for voicemail prompts; overrides the language set at the switch level, and overridden by the language set for a mailbox.
locale	**en-US**, other locale strings	Specifies the default locale for the Telephone User Interface (TUI).
security-account-lockout-duration	**10**, zero or any positive integer	Specifies the time interval, in minutes, that Feature Server waits before unlocking an account that has been locked because of incorrect login entries; the user is locked out after four failed login attempts. A value of 0 (zero) means that only an administrator can unlock the mailbox.
security-password-check-internal-call	**true**, false	Specifies whether the password check request is played when a user dials the voicemail system from an internal phone.
security-password-length-min	**4**, any positive integer	Specifies the minimum length of the password digits.
time-zone	**<server time zone>**, any valid time zone (see http://joda-time.sourceforge.net/timezones.html)	Specifies the default time zone for voicemail messages (applies to the entire application, and overrides any value set at the switch); overridden when the time zone of the user or mailbox is set to a value other than the default.
voice-can-deposit-during-extended-absence	**true**, false	When set to `true`, enables the voicemail deposit after the absence greeting is played.
voice-enrollment-enabled	**true**, false	When set to `true`, enables the voicemail enrollment.

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Option	Values (default value in bold)	Description
voice-greeting-extended-max-duration	**24**, any positive integer	Specifies the length of time, in seconds, allowed for the user to record their extended greeting; after the period ends, a prompt asks the user to confirm their recorded message.
voice-greeting-personal-max-duration	**12**, any positive integer	Specifies the length of time, in seconds, allowed for the user to record their personal greeting; after the period ends, a prompt asks the user to confirm their recorded message.
voice-message-max-duration	**10**, any positive integer	Specifies, in seconds, the maximum message length.
voice-message-priority-enabled	**false**, true	Enables callers to specify whether the voicemail they are leaving is urgent or normal priority. When set to true it plays the message priority selection menu to choose between normal or urgent delivery. When false, messages are all sent with normal priority.
voice-mailbox-message-count	**10**, any positive integer	Specifies the maximum number of voicemail messages per mailbox.
voicemail-optout-destination	**empty (means that the feature is disabled)**, any valid destination URI in one of these formats: • `sip:NNNN@<IP address>:<port>` • `sips:NNNN@<IP address>:<port>` • `sip:<user name>@<host>:<port>` • `sips:<user name>@<host>:<port>`	When set, enables a caller to transfer out of voicemail to the specified destination at any moment during a call; overridden when the optout destination of the switch has a value or when the Optout Phone field of the Mailbox settings page has a value. See Provisioning mailboxes.

VoicemailServer section (Switch)

Set these options in the VoicemailServer section on the `Options` tab of the SIP Switch object, not in the Application object.

Option	Values (default value in bold)	Description
advance-audio-control	**true**, false	Displays advanced audio controls (forward, rewind, pause, and volume) to the web application user. Overridden by the value set at the application level.

Option	Values (default value in bold)	Description
language	**<server locale>**, de, en-GB, en-US, es, es-LA, fr, it, ja, pt, ru, zh-CN	The language used for voicemail prompts; overridden by the language set at the application or mailbox level.
play-disclaimer	**true**, false	When `true`, enables the system to play a recorded disclaimer; see Provisioning mailboxes.
time-zone	**<server time zone>**, any valid time zone (see http://joda-time.sourceforge.net/timezones.html)	Specifies the default time zone for voicemail messages (applies to the switch); overridden when the time zone of the user, mailbox, or application is set to a value other than the default.
voicemail-optout-destination	**empty (means that the feature is disabled)**, any valid destination URI in one of these formats: • `sip:NNNN@<IP address>:<port>` • `sips:NNNN@<IP address>:<port>` • `sip:<user name>@<host>:<port>` • `sips:<user name>@<host>:<port>`	When set, enables a caller to transfer out of voicemail to the specified destination at any moment during a call; overrides the optout destination value set at the application level, but overridden when the Optout Phone field of the Mailbox settings page has a value. See Provisioning mailboxes.