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Genesys Web Engagement

cassandraKeyspace Section

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dataCompression

Default Value: LZ4

Valid Values: NONE, SNAPPY, LZ4, DEFLATE

Changes Take Effect: After start or restart

Stored data compression method.

name

Default Value: none

Valid Values: A lowercase string that begins with an alphanumeric character and continues with a sequence of alphanumeric characters and underscores, with a maximum length of 48 characters.

Changes Take Effect: After start or restart

Cassandra keyspace name.

password

Default Value:

Valid Values: Valid string

Changes Take Effect: After start or restart

The user's password

readConsistencyLevel

Default Value: LOCAL_QUORUM

Valid Values: EACH_QUORUM, QUORUM, LOCAL_QUORUM

Changes Take Effect: After start or restart

Consistency level for read operations, as described at http://docs.datastax.com/en/cassandra/2.1/cassandra/dml/dml_config_consistency_c.html.

replicationStrategy

Default Value: NetworkTopologyStrategy

Valid Values: SimpleStrategy, NetworkTopologyStrategy

Changes Take Effect: After start or restart

Replication strategy name, as described at http://docs.datastax.com/en/cassandra/2.0/cassandra/architecture/architectureDataDistributeReplication_c.html.

Warning

Genesys strongly recommends **not** using SimpleStrategy. If you use SimpleStrategy, you cannot use more than one data center and KeySpaces you create will be difficult to migrate to NetworkTopologyStrategy once they contain a lot of data. Also see https://docs.datastax.com/en/cassandra/2.0/cassandra/architecture/architectureDataDistributeReplication_c.html

If you set your replication strategy to SimpleStrategy you must also:

- Configure a replication factor in the [replicationStrategyParams](#) option.
- For embedded Cassandra, set the [endpointSnitch](#) option of the [\[cassandraEmbedded\]](#) section to SimpleSnitch.
- For external Cassandra, set `endpoint_snitch: SimpleSnitch` in your `cassandra.yaml` file.

replicationStrategyParams

Default Value: 'OperationalDC':1

Valid Values: See the Cassandra replication configuration

Changes Take Effect: After start or restart

A comma-separated list of replication strategy parameters, where every list item is a colon-separated pair whose first item is the data center name enclosed in single quotes and whose second item is the number of replicas for that data center. For example, 'OperationalDC1': 3, 'OperationalDC2': 2 indicates that the OperationalDC1 data center includes 3 data replicas, while OperationalDC2 includes

2 data replicas. For more information, consult http://docs.datastax.com/en/cassandra/2.0/cassandra/architecture/architectureDataDistributeReplication_c.html.

retention.entity.all

Default Value: 0 seconds (8.5.1 and later); 15 (8.5.0)

Valid Values: String (8.5.1); Integer (8.5.0)

Changes Take Effect: After start or restart

Modified: 8.5.1

Starting with version 8.5.1, this value (as a string) specifies the time to live (TTL) for all entities in the Cassandra database, in the `n time-unit` format. For example, `1 second`.

In version 8.5.0, this value (as an integer) specifies the time to live (TTL) for all entities in the Cassandra database, in the time units set in the `retention.time-unit` option.

This option affects all business entities in the database.

retention.entity.<object>

Default Value: 0 seconds (8.5.1); none (8.5.0)

Valid Values: string (8.5.1); integer (8.5.0)

Changes Take Effect: After start or restart

Modified: 8.5.1

As of version 8.5.1, this value (as a string) specifies the time-to-live (TTL) for specific business entities in the Cassandra database, in the format "`n time-unit`". For example, `1 day`. This option only affects the business entity specified by `<object>`.

In version 8.5.0, this value (as an integer) specifies the time-to-live (TTL) for the selected entity, in the time units set in the options. `<object>` must be replaced with a business entity name.

retention.time-unit

Default Value: day

Valid Values: sec, min, hour, day, month

Changes Take Effect: After start or restart

Discontinued: 8.5.1

Defines the time units for the expiration period set in the **retention.entity.all** and **retention.entity.*** options.

transportCompression

Default Value: NONE

Valid Values: NONE, SNAPPY, LZ4

Changes Take Effect: After start or restart

The transport Compression method.

userName

Default Value:

Valid Values: Valid string

Changes Take Effect: After start or restart

The user's name

writeConsistencyLevel

Default Value: LOCAL_QUORUM

Valid Values: EACH_QUORUM, QUORUM, LOCAL_QUORUM

Changes Take Effect: After start or restart

Consistency level for write operations, as described at http://docs.datastax.com/en/cassandra/2.1/cassandra/dml/dml_config_consistency_c.html.