

GENESYS

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Deployment Guide

What's New in Cassandra Configuration for 8.5.0?

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This page describes changes in Cassandra configuration between Genesys Co-browse 8.5.0 and 8.1.3.

Overview of Changes in Cassandra Access and Management

- Co-browse server can now be interconnected with an external Cassandra cluster.
- Co-browse server now uses a new approach to configuring embedded Cassandra.
- Genesys Co-browse 8.5.0 splits the configuration of the embedded Cassandra node and the Co-browse keyspace.
- Genesys Co-browse configuration is now similar to configuration of GWE and UCS.
- Co-browse 8.5.0 now uses Cassandra 2.X. For supported versions of Cassandra, see Genesys Co-browse in the Supported Operating Environment Reference Guide.

Co-browse Keyspace Configuration

Keyspace specific options are kept in a dedicated configuration section, cassandraKeyspace. These options apply to both embedded and external Cassandra.

Embedded Cassandra Configuration

Important

Starting in 8.5.0, Embedded Cassandra mode is deprecated in Genesys Co-browse; support for this mode will be discontinued in 9.0.

Co-browse server may act as a Cassandra node. The options to configure the embedded Cassandra service changed in 8.5.0. These options are now in a dedicated section, cassandraEmbedded.

Cassandra Cluster Access Configuration

Embedded Cassandra Access Configuration

When embedded Cassandra is enabled, the Co-browse server will always connect to the embedded Cassandra node when it needs to read or write data in the database. No additional configuration needed.

External Cassandra Access Configuration

In Co-browse 8.5.0, you can use a dedicated Cassandra Resource Access Point in Configuration Server

to link a Co-browse server to an external Cassandra cluster.

Procedure: Create a Dedicated Cassandra Resource Access Point

Start of Procedure

1. Import the templates Cassandra_Resource_Access_Point_850.apd and Cassandra_Resource_Access_Point_850.xml

Cassandra_Resource_Access_Poin \Application Templates									
🤇 Cancel 🛃 Save & Clo	ose 🗖 Save 🗖	Save & New 🛛 🗔 Reload	d 🛛 Import Metadata						
Configuration	Options	Permissions	Dependencies						
* Name:	Cassandra_	Cassandra_Resource_Access_Point_850							
* Type:	Resource A	ccess Point	s Point						
* Version:	8.5.0								
Metadata:	Cassandra_	Cassandra_Resource_Access_Point_850_2cb680dd-94d2-4af0-9ff4-114ec							
Metadata Description:	Configuratio	Configuration of Cassandra Resource Access Point							
Metadata Version:	8.5.000.29	8.5.000.29							
State:	🔽 Enabled								

- 2. Using the imported application template from the previous step, create one Cassandra Resource Access Point(RAP) for each Cassandra node in an external Cassandra cluster that the Co-browse server needs to communicate with. Configure the following:
 - 1. For Host, specify the host of the external Cassandra Node
 - 2. Add a default port with the value of the rpc port the Cassandra node is using to listen for Thrift client connections. Optionally, specify rpc protocol for the port.
 - 3. Add a native port with the value of the CQL native port the Cassandra node is using to listen for CQL client connections. Optionally, specify native protocol for the port.

y	lab.com/wcm/def	ault.aspx?menuID=MEI	NU_CONF_ENV_AP	Ps_PROPERTY&PTe	nantDBID=1&O	wnerDBID=1				
External_Cassandra	_Node1 - \Applic	ations\Co-browse\Mis	sha\							
🕻 Cancel 🚽 Save & Clo	ose 🗖 Save 🚽	Save & New 🛛 🔯 Reloa	ad 🛛 🙀 Uninstall	📫 Start 🔲 Sto	p 🐻 Graceful S	top				
Configuration	Options	Permissions	Dependencies	Alarms	Lo	ogs				
Seneral				Ger	neral Server Info	Network Se				
* Name:	External_Cas	External_Cassandra_Node1 **								
* Application Template:	Cassandra R	Cassandra Resource Access Point 850								
* Type:	Resource Ac	Resource Access Point								
Version:	8.5.0	8.5.0								
Server:	🔽 True	True								
State:	📝 Enabled	✓ Enabled ★								
Connections:	📰 Add 🌼 Edit 🙀 Remove									
	Server 🔺	Server Connection Pr Local Timeout Remote Timeout Trace Mode								
	No objects t	No objects to display								
- 🔺 * Server Info										
Tenants:	🗖 Add 🎲	Edit 🙀 Remove								
	Name 🔺		State	State						
	No objects t	No objects to display								
* Host:	sph-mekotni-	spb-mskotni-dt1 × P								
	-									
* Listening Ports:	Muu 🎇	Add Edit Remove Port Port								
* Listening Ports:										
* Listening Ports:	ID 🔺 default		9160							

- 3. Configure Cassandra RAP Connections:
 - 8.5.000:
 - Add Cassandra RAP connections to one or more of the Co-browse Server applications you created.
 - Set the enabled option to false in the cassandraEmbedded section of each Co-browse server application in the cluster.
 - 8.5.001+:
 - Add Cassandra RAP connections to the Co-browse Cluster application object.
 - Set the enabled option to false in the cassandraEmbedded section of the Co-browse Cluster

application object.

Configuration	Options	ions Permissions Depende		encies Alarms			Logs					
- 🔺 General												
* Name:	Co-browse_Ser	Co-browse_Server_8.5.000.29			n Info							
* Application Templa	te: <u>Co-browse Ser</u>	ver 8.5.000.29		General	Advanced	Network	<pre>security</pre>					
* Type:									*			
Version:				* Server:		Exte	ernal Cassandra	Node1			x Q	
Server:	🔽 True			* ID:		defa	ault (9160)				*	
State:	Enabled			Connectio	on Protocol:						~	
Connections:	📄 Add 🌼 E	dit 🙀 Remove		Local Tim		0						
	Server 🔺		Connectio	Remote	Fimeout:	0						Node
	External_Cass	andra_Node1		Trace Mo	ode:	Trac	ce Is Turned Off				*	s Tu
				Connectio	on Type:	Uns	ecured				~	_
- 💌 * Server Info												
- 💌 * Network Secu	rity									ОК	Cancel	

Several connections with different Cassandra RAP applications ensures a redundancy of connections to the external Cassandra cluster. If one Cassandra node in the cluster fails, Co-browse server will be able to cooperate with the external Cassandra cluster through a different Cassandra node.

End of Procedure

Configuring a Cassandra Cluster

For more information on configuring a Cassandra Cluster, see Configure a Cluster of Co-browse Servers.