Deployment Guide

What's New in Cassandra Configuration for 8.5.0?

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What's New in Cassandra Configuration for 8.5.0?

Contents

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

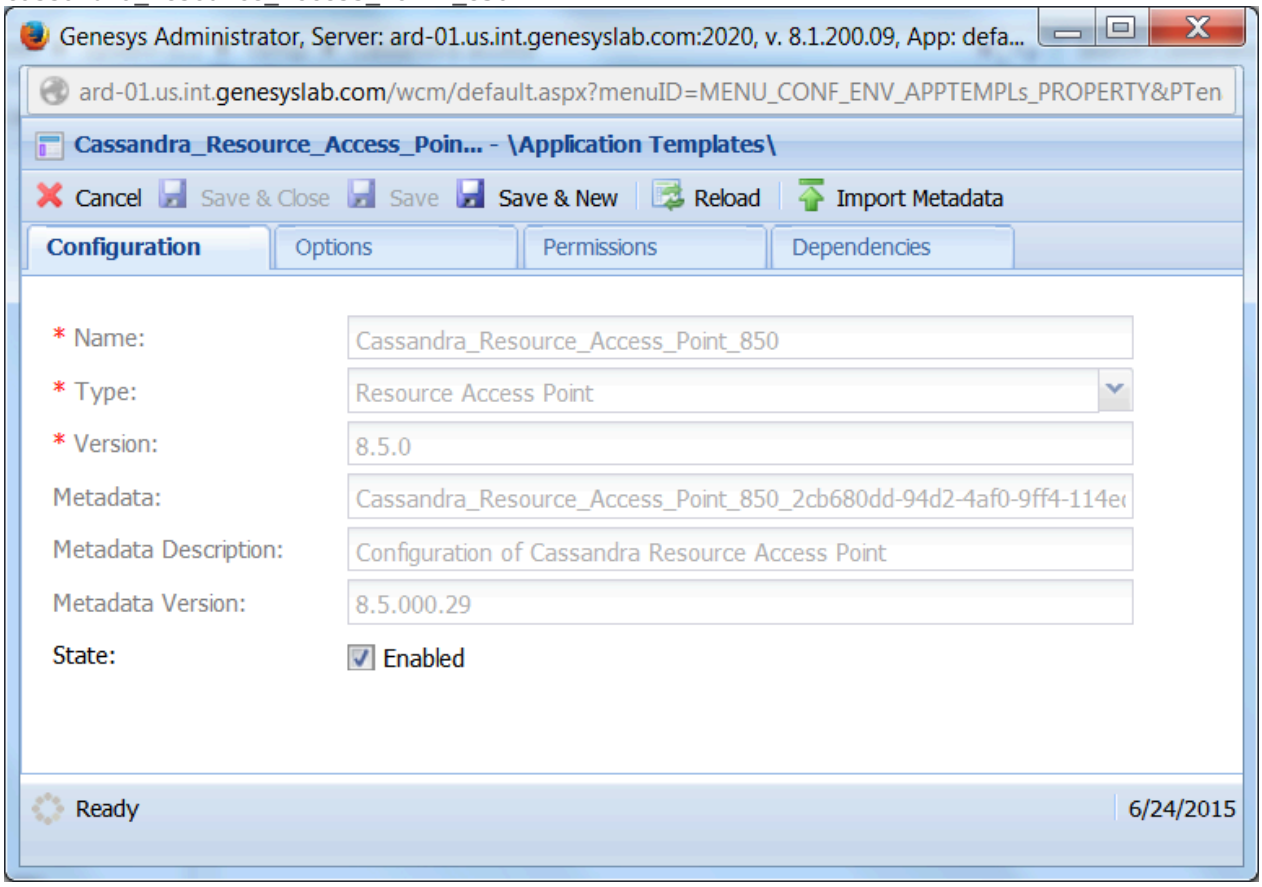
In Co-browse 8.5.0, you can use a dedicated Cassandra Resource Access Point in Configuration Server

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

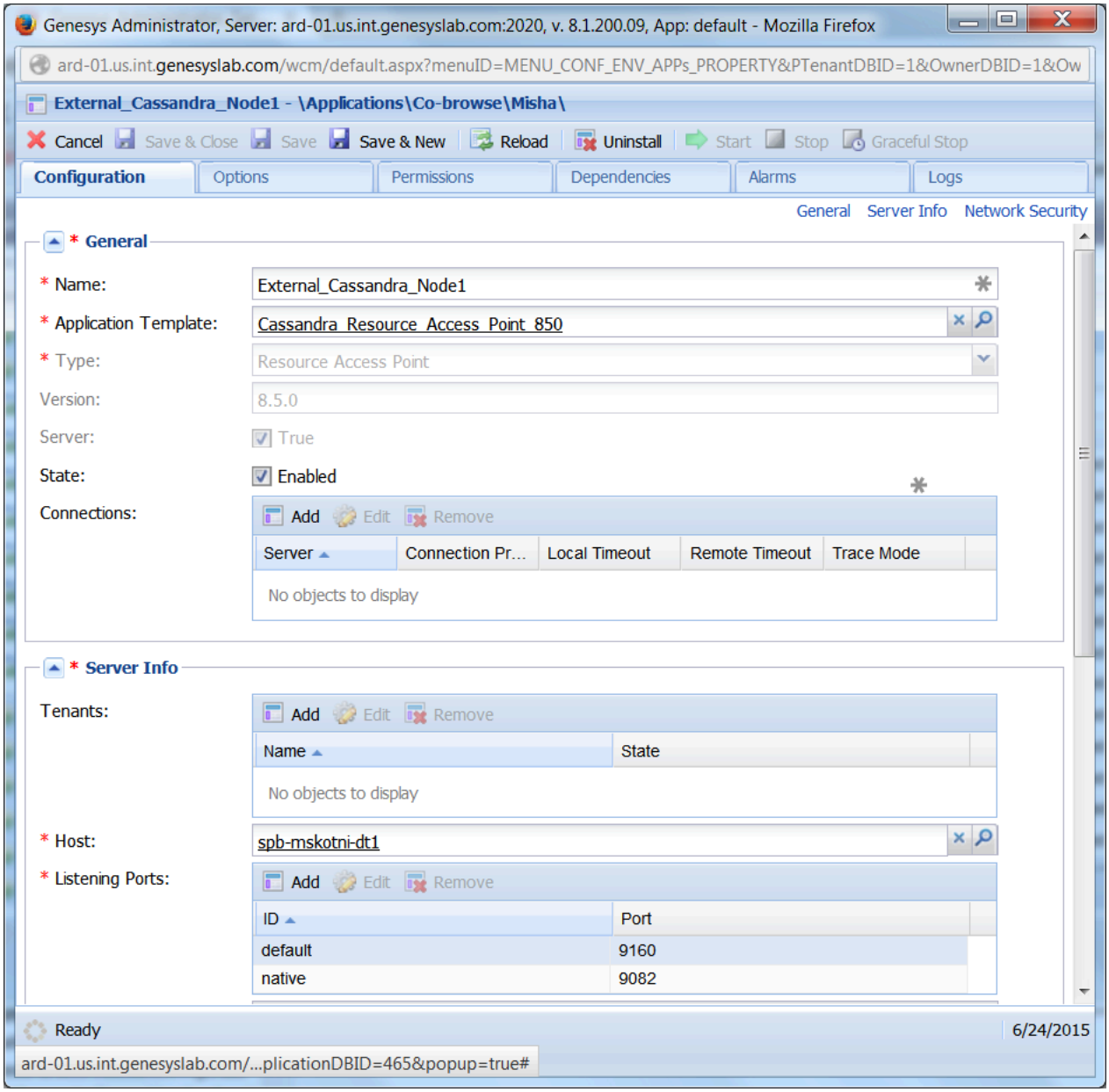
Procedure: Create a Dedicated Cassandra Resource Access Point

Start of Procedure

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

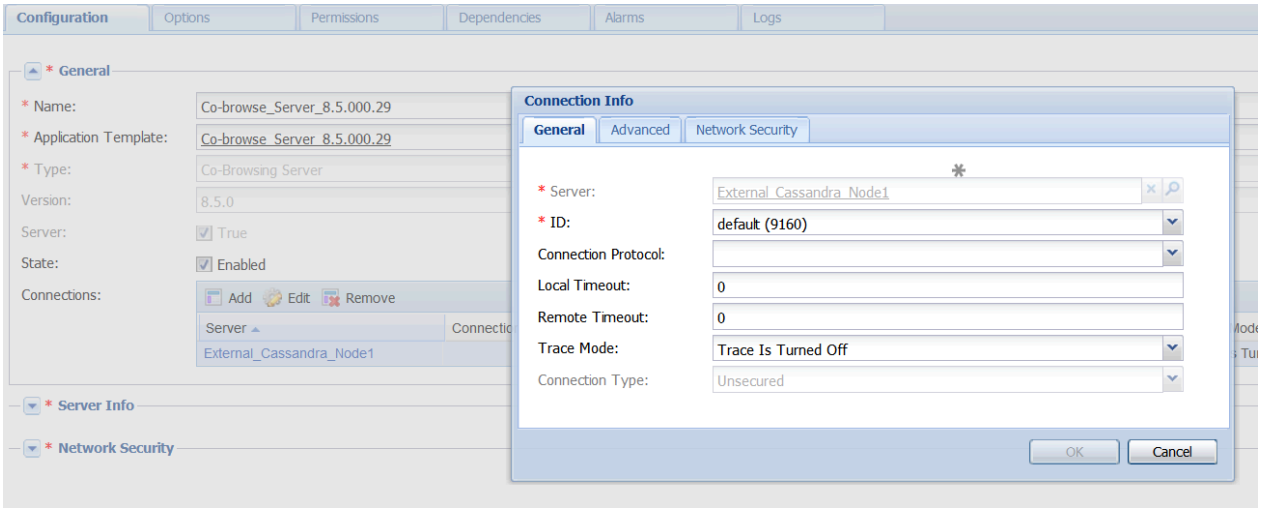


2. Using the imported application template from the previous step, create one Cassandra Resource Access Point(RAP) for each Cassandra node in an external Cassandra cluster that the Co-browse server needs to communicate with. Configure the following:
    1. For `Host`, specify the host of the external 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.



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.



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.