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Deployment Guide

cbdb Section

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cassandraClusterName

Default Value: Cluster

Valid Values: Any string

Changes Take Effect: Cannot be changed without removing the Cassandra system files.

Specifies the name of the embedded Cassandra cluster node. This is mainly used to prevent machines in one logical cluster from joining another. For more information, see http://www.datastax.com/docs/1.0/configuration/node_configuration#cluster-name.

cassandraYamlTemplateUrl

Default Value: None

Valid Values: Path to an existing `cassandra.yaml` template file.

Changes Take Effect: After restart

Specifies the path to the `cassandra.yaml` template file in the **URI format**. For example, `file:///E:/CB_Server/server/etc/cassandra.yaml`. If not specified, the default `cassandra.yaml` template file is taken from `[jetty-home]/etc/cassandra.yaml`. The method of filling the `cassandra.yaml` template is flexible and can be extended by the administrator. Placeholders names between \$ signs (such as `$myValuePlaceholder$`) correspond to option names in the `cbdb` section of the Co-browse Server configuration options, so the custom option value replaces the placeholder. For more information about the `cassandra.yaml` template file, see http://www.datastax.com/docs/1.0/configuration/node_configuration.

Important

This option is applicable only when the value of `embeddedCassandra` is `true`.

embeddedCassandra

Default Value: `true`

Valid Values: `true`, `false`

Changes Take Effect: After restart

Specifies whether Co-browse Server acts as a Cassandra cluster node. If `true`, the embedded Cassandra service is activated. If `false`, Co-browse Server acts only as a Cassandra client.

keyspaceName

Default Value: `Cobrowse`

Valid Values: Any string

Changes Take Effect: When the keyspace is created

Specifies the Cassandra keyspace name where Co-browse Server data is stored. If a keyspace with this name does not exist in the cluster, it is created automatically.

listenAddress

Default Value: No default (placed in cassandra.yaml template as it is.)

Valid Values: An IP address

Changes Take Effect: After restart

Specifies the address to bind to and tell the other Cassandra nodes to connect to. You must set this value if you want multiple nodes to be able to communicate. See [1] for details. If you leave the value blank, this will leave it up to InetAddress.getLocalHost(). This will always do the "right thing" if the node is properly configured (hostname, name resolution, and so on) and the "right thing" is to use the address associated with the hostname.

nativeTransportPort

Default Value: 19042

Valid Values: Any free TCP port

Changes Take Effect: After restart

Specifies the port on which CQL native transport listens for clients.

replicationFactor

Default Value: 1

Valid Values: An integer value less than the number of nodes in the Cassandra cluster

Changes Take Effect: When the keyspace is created

Specifies total number of replicas across the cluster. For more information, see

http://www.datastax.com/docs/1.0/cluster_architecture/replication.

rpcAddress

Default Value: localhost

Valid Values: An IP address, a hostname, or leave unset to resolve the address using the hostname configuration of the node.

Changes Take Effect: After restart

Specifies the listen address for remote procedure calls (client connections). For more information, see http://www.datastax.com/docs/1.0/configuration/node_configuration#rpc-address. To listen on all configured interfaces, set the value to 0.0.0.0. If this option is empty, you must have hostname resolution correctly configured on all nodes in your cluster so that the hostname resolves to the correct IP address for this node (using /etc/hostname, /etc/hosts or DNS). This option is also used to configure Co-browse Server as a Cassandra client.

rpcPort

Default Value: 29160

Valid Values: Any free TCP port

Changes Take Effect: After restart

Specifies the port for remote procedure calls (client connections) and the Thrift service. For more information, see http://www.datastax.com/docs/1.0/configuration/node_configuration#rpc-port.

seedNodes

Default Value: 127.0.0.1

Valid Values: A comma-delimited list of IP addresses

Changes Take Effect: After restart

Specifies the comma-delimited list of IP addresses representing the list of seeds. When a node joins a cluster, it contacts the seed node(s) to determine the ring topology and obtain gossip information about the other nodes in the cluster. Every node in the cluster should have the same list of seeds. In multiple data center clusters, the seed list should include at least one node from each data center (replication group). For more information, see http://www.datastax.com/docs/1.0/configuration/node_configuration#seeds.

Important

This option is applicable only when the value of `embeddedCassandra` is `true`.

sslStoragePort

Default Value: 17101

Valid Values: Any free TCP port

Changes Take Effect: After restart

Specifies the SSL port for encrypted communication.

storageDirectory

Default Value: None

Valid Values: A valid directory path. This directory may not exist.

Changes Take Effect: After restart

Specifies the directory where Cassandra's commitlog, data, and saved_caches directories are located (created). If left empty, the Co-browse Server web application assumes it is running within a Jetty web container and the storage directory is a "storage" sub-directory of the Jetty home directory.

Important

This option is applicable only when the value of `embeddedCassandra` is `true`.

storagePort

Default Value: 17100

Valid Values: Any free TCP port

Changes Take Effect: After restart

Specifies the TCP port for commands and data.

strategyName

Default Value: None

Valid Values: SimpleStrategy or NetworkTopologyStrategy

Changes Take Effect: When the keyspace is created

Specifies the keyspace replica placement strategy. For more information, see http://www.datastax.com/docs/1.0/cluster_architecture/replication#replication-strategy.