Configuration Layer Objects Reference Guide

CfgServer

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CfgServer

Description

A server.

Attributes

- hostDBID — A unique identifier of the CfgHost where this server resides. Cannot be changed as long as the server is associated with at least one client application or a primary server.

- port — A pointer to the name of the port which client applications should use to open communication sessions to this server. Populated for backward compatibility purpose from `portInfos` list.

- backupServerDBID — An identifier of the Server which is to be contacted if connection to this server fails. The backup server must be associated with the same account (see `ConfSetAccount`) and have the same application type (`CfgAppType`). One backup server cannot be associated with more than one primary server. See comments.

- timeout — Time-out in seconds that the application should run before making a re-connect attempt after a communication session with this server has failed. May not be set to a negative value. Recommended to be set to 10 by default.

- attempts — Number of attempts to connect to this server before trying to connect to the backup server. Makes sense only if backupServerDBID is specified. May not be set to a negative value. Recommended to be set to 1 by default.

Comments

When an application is designated as a backup server for another server, values of the following parameters of this application will be automatically changed to match the values of the same parameters of the primary server:

- `appServerDBIDs`
- `tenantDBIDs`
- `flexibleProperties`

As long as this application is associated with the primary server, these parameters will be treated as read-only, and their values will be changed only when changes are applied to the corresponding parameters of the primary server.