Genesys Voice Platform Private Edition Guide

Architecture - Configuration Server

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Introduction

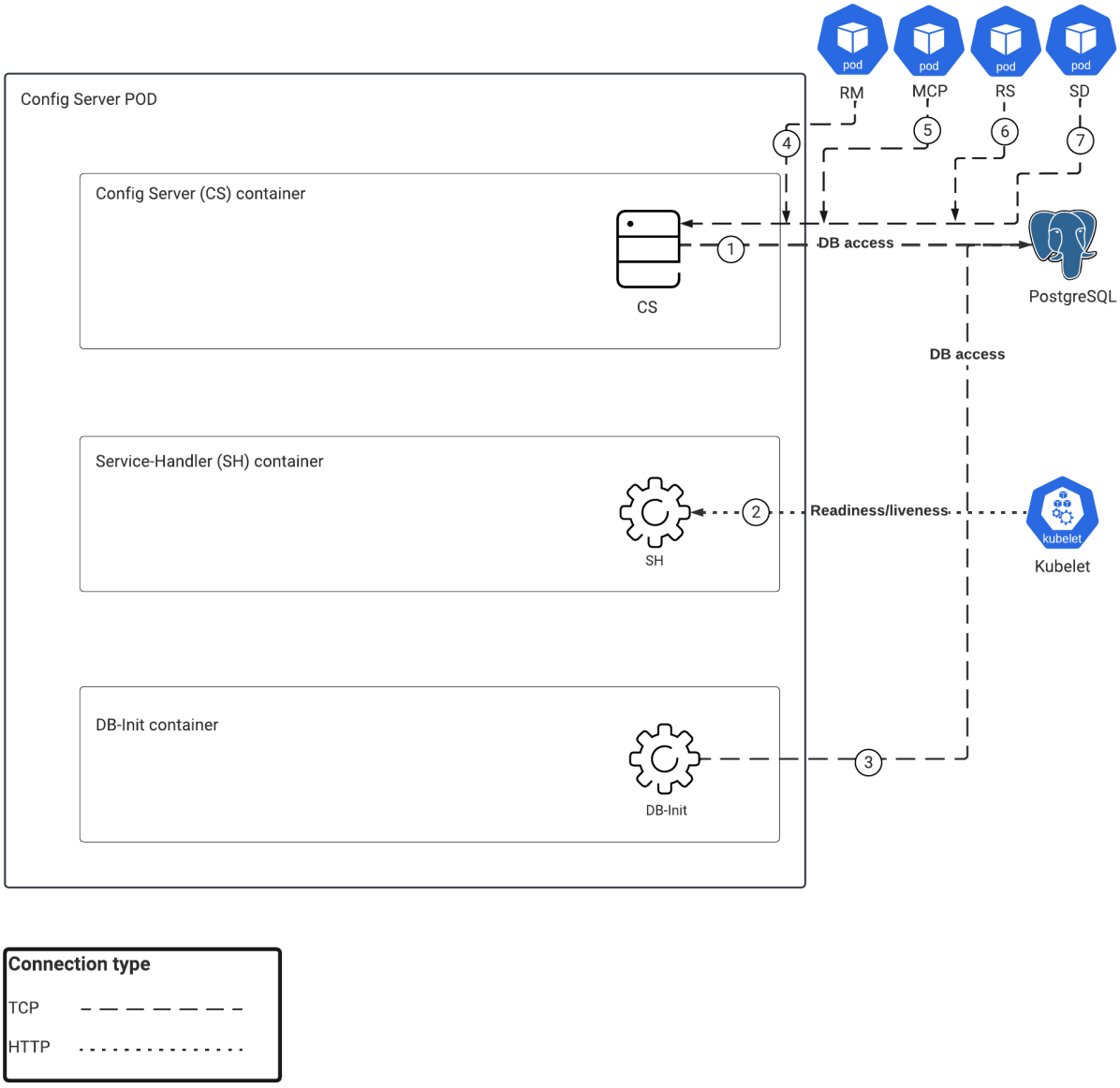
The following diagram displays the architecture of GVP Configuration Server.

For information about the overall architecture of Genesys Multicloud CX private edition, see the high-level Architecture page.

See also High availability and disaster recovery for information about high availability/disaster recovery architecture.

Architecture diagram — Connections

The numbers on the connection lines refer to the connection numbers in the table that follows the diagram. The direction of the arrows indicates where the connection is initiated (the source) and where an initiated connection connects to (the destination), from the point of view of Genesys Voice Platform as a service in the network.



Connections table

The connection numbers refer to the numbers on the connection lines in the diagram. The **Source**, **Destination**, and **Connection Classification** columns in the table relate to the direction of the arrows in the Connections diagram above: The source is where the connection is initiated, and the destination is where an initiated connection connects to, from the point of view of Genesys Voice Platform as a service in the network. *Egress* means the Genesys Voice Platform service is the source, and *Ingress* means the Genesys Voice Platform service is the destination. *Intra-cluster* means the connection is between services in the cluster.

Connection	Source	Destination	Protocol	Port	Classification	Data that travels on this connection
1	CS	PostgreSQL	TCP	5432	Egress	TCP messages. GVP Config Server connection to database.
2	Kubelet	SH	HTTP	8300	Ingress	HTTP GET Requests and for liveness and readiness checks.
3	DB-Init	PostgreSQL	TCP	5432	Egress	TCP messages.
4	RM	CS	TCP	8888	Egress	TCP messages. RM connects to GVP Configuration Server connects to get configuration data.
5	MCP	CS	TCP	8888	Egress	TCP messages. MCP connects to Configuration Server to get recording certificate details and Google keys.
6	RS	CS	TCP	8888	Egress	TCP messages. RS connects to configuration server to fetch configuration data.
7	SD	CS	TCP	8888	Egress	TCP messages. Service Discovery connects to Configuration

Connection	Source	Destination	Protocol	Port	Classification	Data that travels on this connection
						Server to Check/Add/ Delete MCP applications.